

HIGHWAY WORK PROPOSAL – RAZING AND REMOVING

Wisconsin Department of Transportation
DT1502 10/2010 s .66.29(7) Wis. Stats.

Proposal Number:

Ø 1

COUNTY	STATE PROJECT ID	PROJECT DESCRIPTION	HIGHWAY
Milwaukee	1229-04-21, Parcel 11	I-43 North South Freeway Silver Spring to STH 60	USH 43
Milwaukee	1229-04-24, Parcel 7	I-43 North South Freeway Silver Spring to County Line Rd	USH 43

This proposal, submitted by the undersigned bidder to the Wisconsin Department of Transportation, is in accordance with the advertised request for proposals. The bidder is to furnish and deliver all materials, and to perform all work for the improvement of the designated project in the time specified, in accordance with the appended proposal requirements and conditions.

Proposal guaranty required, \$ 6,000

Payable to: Wisconsin Department of Transportation

Attach Proposal Guaranty.

Bid submittal due

Date: September 1, 2021

Time (local time): 9:00 a.m.

Contract completion time

Fourteen (14) Calendar Days

Firm name, address, city, state, zip

Assigned disadvantaged business enterprise goal

0 %

This contract is exempt from federal oversight.

This certifies that the undersigned bidder, duly sworn, is an authorized representative of the firm named above; that the bidder has examined and carefully prepared the bid from the plans, Highway Work Proposal, and all addenda, and has checked the same in detail before submitting this proposal or bid; and that the bidder or agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal bid.

Do not sign, notarize or submit this highway work proposal when submitting an electronic bid on the internet.

Subscribed and sworn to before me this date _____

(Signature, Notary Public, State of Wisconsin)

(Print or Type Name, Notary Public, State Wisconsin)

(Date Commission Expires)

Notary Seal

(Bidder Signature)

(Print or Type Bidder Name)

(Bidder Title)

For Department Use Only

Type of Work

Razing and Removing

Notice of award dated

Date guaranty returned

**PLEASE ATTACH
PROPOSAL GUARANTY HERE**

NOT FOR BIDDING PURPOSES

Effective with November 2007 Letting

PROPOSAL REQUIREMENTS AND CONDITIONS

The bidder, signing and submitting this proposal, agrees and declares as a condition thereof, to be bound by the following conditions and requirements.

If the bidder has a corporate relationship with the proposal design engineering company, the bidder declares that it did not obtain any facts, data, or other information related to this proposal from the design engineering company that was not available to all bidders.

The bidder declares that they have carefully examined the site of, and the proposal, plans, specifications and contract forms for the work contemplated, and it is assumed that the bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished, and as to the requirements of the specifications, special provisions and contract. It is mutually agreed that submission of a proposal shall be considered conclusive evidence that the bidder has made such examination.

The bidder submits herewith a proposal guaranty in proper form and amount payable to the party as designated in the advertisement inviting proposals, to be retained by and become the property of the owner of the work in the event the undersigned shall fail to execute the contract and contract bond and return the same to the office of the engineer within fourteen (14) days after having been notified in writing to do so; otherwise to be returned.

The bidder declares that they understand that the estimate of quantities in the attached schedule is approximate only and that the attached quantities may be greater or less in accordance with the specifications.

The bidder agrees to perform the said work, for and in consideration of the payment of the amount becoming due on account of work performed, according to the unit prices bid in the following schedule, and to accept such amounts in full payment of said work.

The bidder declares that all of the said work will be performed at their own proper cost and expense, that they will furnish all necessary materials, labor, tools, machinery, apparatus, and other means of construction in the manner provided in the applicable specifications and the approved plans for the work together with all standard and special designs that may be designed on such plans, and the special provisions in the contract of which this proposal will become a part, if and when accepted. The bidder further agrees that the applicable specifications and all plans and working drawings are made a part hereof, as fully and completely as if attached hereto.

The bidder, if awarded the contract, agrees to begin the work not later than ten (10) days after the date of written notification from the engineer to do so, unless otherwise stipulated in the special provisions.

The bidder declares that if they are awarded the contract, they will execute the contract agreement and begin and complete the work within the time named herein, and they will file a good and sufficient surety bond for the amount of the contract for performance and also for the full amount of the contract for payment.

The bidder, if awarded the contract, shall pay all claims as required by Section 779.14, Statutes of Wisconsin, and shall be subject to and discharge all liabilities for injuries pursuant to Chapter 102 of the Statutes of Wisconsin, and all acts amendatory thereto. They shall further be responsible for any damages to property or injury to persons occurring through their own negligence or that of their employees or agents, incident to the performance of work under this contract, pursuant to the Standard Specifications for Road and Bridge Construction applicable to this contract.

In connection with the performance of work under this contract, the contractor agrees to comply with all applicable state and federal statutes relating to non-discrimination in employment. No otherwise qualified person shall be excluded from employment or otherwise be subject to discrimination in employment in any manner on the basis of age, race, religion, color, gender, national origin or ancestry, disability, arrest or conviction record (in keeping with s.111.32), sexual orientation, marital status, membership in the military reserve, honesty testing, genetic testing, and outside use of lawful products. This provision shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation, and selection for training, including apprenticeship. The contractor further agrees to ensure equal opportunity in employment to all applicants and employees and to take affirmative action to attain a representative workforce.

The contractor agrees to post notices and posters setting forth the provisions of the nondiscrimination clause, in a conspicuous and easily accessible place, available for employees and applicants for employment.

If a state public official (section 19.42, Stats.) or an organization in which a state public official holds at least a 10% interest is a party to this agreement, this contract is voidable by the state unless appropriate disclosure is made to the State of Wisconsin Ethics Board.

PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

Proposal Number	Project Number	Letting Date
Name of Principal		
Name of Surety	State in Which Surety is Organized	

We, the above-named Principal and the above-named Surety, are held and firmly bound unto the State of Wisconsin in the sum equal to the Proposal Guaranty for the total bid submitted for the payment to be made; we jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns. The condition of this obligation is that the Principal has submitted a bid proposal to the State of Wisconsin acting through the Department of Transportation for the improvement designated by the Proposal Number and Letting Date indicated above.

If the Principal is awarded the contract and, within the time and manner required by law after the prescribed forms are presented for signature, enters into a written contract in accordance with the bid, and files the bond with the Department of Transportation to guarantee faithful performance and payment for labor and materials, as required by law, or if the Department of Transportation shall reject all bids for the work described, then this obligation shall be null and void; otherwise, it shall be and remain in full force and effect. In the event of failure of the Principal to enter into the contract or give the specified bond, the Principal shall pay to the Department of Transportation **within 10 business days of demand** a total equal to the Proposal Guaranty as liquidated damages; the liability of the Surety continues for the full amount of the obligation as stated until the obligation is paid in full.

The Surety, for value received, agrees that the obligations of it and its bond shall not be impaired or affected by any extension of time within which the Department of Transportation may accept the bid; and the Surety does waive notice of any such extension.

IN WITNESS, the Principal and Surety have agreed and have signed by their proper officers and have caused their corporate seals to be affixed this date: **(DATE MUST BE ENTERED)**

PRINCIPAL

(Company Name) **(Affix Corporate Seal)**

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

NOTARY FOR PRINCIPAL

(Date)

State of Wisconsin)
) ss.
_____ County)

On the above date, this instrument was acknowledged before me by the named person(s).

(Signature, Notary Public, State of Wisconsin)

(Print or Type Name, Notary Public, State of Wisconsin)

(Date Commission Expires)

Notary Seal

(Name of Surety) **(Affix Seal)**

(Signature of Attorney-in-Fact)

NOTARY FOR SURETY

(Date)

State of Wisconsin)
) ss.
_____ County)

On the above date, this instrument was acknowledged before me by the named person(s).

(Signature, Notary Public, State of Wisconsin)

(Print or Type Name, Notary Public, State of Wisconsin)

(Date Commission Expires)

Notary Seal

IMPORTANT: A certified copy of Power of Attorney of the signatory agent must be attached to the bid bond.

CERTIFICATE OF ANNUAL BID BOND

DT1305 8/2003

Wisconsin Department of Transportation

Time Period Valid (From/To)	
Name of Surety	
Name of Contractor	
Certificate Holder	Wisconsin Department of Transportation

This is to certify that an annual bid bond issued by the above-named Surety is currently on file with the Wisconsin Department of Transportation.

This certificate is issued as a matter of information and conveys no rights upon the certificate holder and does not amend, extend or alter the coverage of the annual bid bond.

Cancellation: Should the above policy be cancelled before the expiration date, the issuing surety will give thirty (30) days written notice to the certificate holder indicated above.

(Signature of Authorized Contractor Representative)

(Date)

NOT FOR BIDDING PURPOSES

March 2010

LIST OF SUBCONTRACTORS

Section 66.0901(7), Wisconsin Statutes, provides that as a part of the proposal, the bidder also shall submit a list of the subcontractors the bidder proposes to contract with and the class of work to be performed by each. In order to qualify for inclusion in the bidder's list a subcontractor shall first submit a bid in writing, to the general contractor at least 48 hours prior to the time of the bid closing. The list may not be added to or altered without the written consent of the municipality. A proposal of a bidder is not invalid if any subcontractor and the class of work to be performed by the subcontractor has been omitted from a proposal; the omission shall be considered inadvertent or the bidder will perform the work personally.

No subcontract, whether listed herein or later proposed, may be entered into without the written consent of the Engineer as provided in Subsection 108.1 of the Standard Specifications.

[illegible]

DECEMBER 2000

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER
RESPONSIBILITY MATTERS - PRIMARY COVERED TRANSACTIONS**

Instructions for Certification

1. By signing and submitting this proposal, the prospective contractor is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective contractor shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective contractor to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the department determined to enter into this transaction. If it is later determined that the contractor knowingly rendered an erroneous certification in addition to other remedies available to the Federal Government the department may terminate this transaction for cause or default.
4. The prospective contractor shall provide immediate written notice to the department to whom this proposal is submitted if at any time the prospective contractor learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
6. The prospective contractor agrees by submitting this proposal that, should this contract be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department entering into this transaction.
7. The prospective contractor further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," which is included as an addendum to PR-1273 - "Required Contract Provisions Federal Aid Construction Contracts," without

modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

8. The contractor may rely upon a certification of a prospective subcontractor/materials supplier that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A contractor may decide the method and frequency by which it determines the eligibility of its principals. Each contractor may, but is not required to, check the Disapproval List (telephone # 608/266/1631).
9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a contractor in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department may terminate this transaction for cause or default.

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions

- (1) The prospective contractor certifies to the best of its knowledge and belief, that it and its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offense enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective contractor is unable to certify to any of the statements in this certification, such prospective contractor shall attach an explanation to this proposal.

Special Provisions

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SPECIAL PROVISIONS

1. General.

The work under this contract for the construction of the following projects in Wisconsin:

Project ID 1229-04-21, Parcel 11; I-43 North South Freeway; Silver Spring to STH 60; IH 43; Milwaukee County

Project ID 1229-04-24, Parcel 7; I-43 North South Freeway; Silver Spring to County Line Rd; IH 43; Milwaukee County

Perform the work under this construction contract as the plans show and execute the work as specified in the State of Wisconsin, Department of Transportation, Standard Specifications for Highway and Structure Construction 2021 Edition and these special provisions including the Additional Special Provisions (ASP's).

This Razing and Removing Proposal has been developed under the U.S. standard measure system.

The Standard Specifications for Highway and Structure Construction 2021 Edition is available for browsing, download, or to place an order for a hard copy at:

<http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/rdwy/stnds-spec.aspx>

Those who do not have access to the web may order a hard copy of the specifications through:

WI Department of Administration - Document Sales and Distribution Section
202 S. Thornton Avenue, PO Box 7840, Madison WI 53707-7840
Phone: (608) 266-3358

2. Scope of Work.

The work under this contract consists of razing and removing two residential homes, outbuildings, fences and clearing and grubbing of trees, shrubs and other landscaping within the immediate area. Grading vacant site where these improvements were removed. Do not disturb adjacent or surrounding property.

Work under this contract includes razing and removing buildings, disposing of all material and debris, removing all miscellaneous land improvements, if any, placing compacted backfill in the exposed basements and openings resulting from the removal of the buildings, and grading the vacant site. (See Parcel Exhibits included in this proposal.) Do not disturb adjacent property.

Keep the abutting highway free of debris and mud throughout performance of the work under this contract.

Abandon the present sanitary sewer or septic system and water systems in accordance with current statutes, ordinances and regulations.

Plank with suitable timbers the public streets and highways, which serve as access for heavy equipment, to preclude any damages to said facilities. Repair all damages to these public facilities or replace them with like materials at contractor expense.

Maintain all roads, highways, or public places adjacent to any building or buildings being razed or removed, in a debris or litter-free condition throughout the life of this contract.

However, should the use of the above highways be required for razing or backfilling operations, erect splashboards or reflector panels and place warning signs at appropriate locations to protect the general public.

Raze and remove the improvements and backfill the resulting exposed openings at the following locations:

<u>Project</u>	<u>Parcel</u>	<u>Type of Building</u>	<u>Address</u>
1229-04-21	11	Razing and removing Two story, 3,823 SF farmhouse with two car attached garage. 540 SF woodshed, access walks, curbs, steps and private well abandonment. Miscellaneous fencing, any and all other relevant surrounding improvements and debris, if present. Asbestos, if present, must be removed pursuant to Article 15 of the Special Provisions.	616 W. Green Tree Road, River Hills, WI 53217

Please note the bridge over the ravine on the driveway in the exhibits. The load rating on the bridge is unknown, therefore heavy truck traffic is at the risk of the contractor. Bridge to remain as part of this project.

Utility disconnects should be done prior by WisDOT.

1229-04-24

7

Razing and removing a One story, 2,424 SF single family house with two car attached garage and a two-car detached garage. Garden shed, deck, concrete patio, access walks, curbs and steps. Miscellaneous fencing, any and all other relevant surrounding improvements and debris, if present. Asbestos, if present, must be removed pursuant to Article 15 of the Special Provisions.

6540 N. Port
Washington Road,
Glendale, WI 53217

Clear and grub all landscaping as shown in the exhibits.

Utility disconnects shall be done prior by WisDOT. Water meter has been pulled by the city but water not shut off at the road. Complete shutoff to be coordinated with the city.

Perform the following:

1. Remove the structures from the premises.
2. Remove and dispose of all asbestos and hazardous materials in compliance with this contract and current local, state, and federal guidelines and laws, including asbestos not discovered in the pre-razing inspections included in these specifications. The

most recent edition of any applicable standard, code, or regulation shall be in effect. Where conflict among the requirements of these specifications occurs, follow the most stringent. Only a qualified and certified asbestos removal contractor shall perform the removal of asbestos. If not licensed to remove asbestos, employ a certified subcontractor to perform this work. An inspection report for each building indicating the presence or absence of asbestos in exposed positions of the structure is included in this proposal, unless otherwise indicated.

3. Clear and grub all trees/roots, shrubs and other landscaping within the highlighted areas as shown in the exhibits for 650 N. Port Washington Road.
4. Conduct all demolition, removal, and backfilling operations in such a manner that all conflicts with vehicular traffic on adjacent streets and highways are avoided. Use barricades or fencing, or both, when needed to guarantee the safety of pedestrians or motorists.
5. Backfill material must be clean granular or earthen materials placed and compacted in lifts of 1-foot maximum depth and compact each lift 90 percent of maximum density as determined by ASTM D698.
6. Site restoration: A minimum of 5-inches of clean topsoil shall cover all backfill. 70% vegetation coverage on the site within 90 days of completion of demolition shall be established prior to the removal of erosion control materials.

3. Prosecution and Progress.

Begin work within ten calendar days after the engineer issues a written notice to do so.

Give definite notice of intention to start work to the Wisconsin Department of Transportation, Southeast Region, Attn: Laura Sadler, 141 NW Barstow Street, PO Box 798, Waukesha, WI 53187, Phone 414-870-8822, at least 72 hours in advance of beginning work.

In the event that some structures are not vacant and available when the order to start is issued, begin work on the parcels that are vacant and available, and continue with operations until the available structures have been razed or removed, the resulting exposed basements removed in their entirety and removed from the site, and all openings backfilled. Notify the department's representative when the vacated and available structures have been removed and the exposed openings backfilled. Suspend operations until the remaining structures become vacant and available; contract time will not be charged during such period of suspension. Resume work within ten days after the date the department representative has issued a written order to do so. In the event that a structure or structures are not available to the contractor within a period of 270 days subsequent to the execution of the contract by the State, due to their occupancy or other circumstances, the contractor may have the option to request release of said unavailable structure or structures from the contract.

On those contracts executed under Option B, the contractor may, after the expiration of the period defined above, request the deletion of a parcel or parcels from the group in the contract. The deletion of a parcel or parcels shall be accomplished by contract change order negotiated at the price listed for such parcel in the contract.

However, should the contractor submit his bid under Option A, in which payment is made to the State by the contractor, and the above unavailable conditions should exist, the unavailable parcel or parcels shall be deleted from the contract. The unavailable parcel or parcels shall be released from the contract at no expense to the State, except for the return of the money in the amount or amounts entered and submitted for said parcel or parcels under contract change order.

The contract time affected by the deletion of the parcel or parcels will be terminated on the date of the last suspension date of the completion of the work of the last structure or structures.

Unless otherwise specifically provided, no additional or extra compensation or additional contract time will be allowed due to deferment or suspension of operations.

Should the contractor, whether the bid is submitted under Option "A" or Option "B", fail to complete the work within the time agreed upon in the contract or within such extra time as may be allowed by extension, there shall be liquidated damages deducted from any monies due the contractor, for each and every calendar day, including Sundays and holidays, that the work shall remain uncompleted, in accordance with standard spec 108.11. The sum shall be considered and treated not as a penalty, but as fixed, agreed, and liquidated damages due the State from the contractor by reason of inconvenience to the public, added cost of engineering and supervision, and other items that have caused an expenditure of public funds resulting from the failure to complete the work within the time specified in the contract.

Permitting the contractor to continue and finish the work or any part of it after the time fixed for its completion, or after the date to which the time for completion may have been extended, shall in no way operate as a waiver on the part of the department of any of its rights under the contract.

4. Proposal Requirements and Conditions.

Standard spec 102.1, Prequalifying Bidders, shall not apply to this contract; however, prior to awarding a contract, the department may require the bidder to produce evidence that he, she or it has performed work of a similar character in a satisfactory manner.

5. Subletting or Assignment of Contract.

Standard spec 108.1, which prescribes the minimum amount of work to be performed with the contractor's own organization, shall not apply to this contract. However, if a subcontractor (including, but not limited to, asbestos removal specialists) will be employed, the bidder shall attach the name, address and specialty of that contractor to the page of the bid in the spaces indicated for that use.

6. Award of Contract.

The department will consider the bids submitted in the proposal and reserve the right to award the work on the basis of lowest responsible bidder, meeting all terms and conditions of these specifications.

7. Cancellation of Contract.

In the event the building(s) should be so severely damaged by fire, windstorm, or other act of God as to materially impair the salvage value of the material contained therein after the bid has been made and submitted on the date and hour set forth and before the contract has been executed by the state and the contractor notified thereof, the contractor may file a request for the cancellation of the contract. If, upon finding by the department that such is the fact, the department will cancel the contract and relieve the contractor of all responsibility there under.

In the event, however, that the department should determine that such damage is only minor or inconsequential, the contractor will be required to fulfill the terms of this contract.

8. Standard Insurance Requirements.

Standard insurance requirements shall be in accordance with standard spec 107.26 and as hereinafter provided.

If this project includes only razing and removing of residential units, revise the insurance table provided in paragraph 1 of standard spec 107.26 as follows:

Type of Insurance	Minimum Limits Required*
1. Commercial General Liability Insurance; shall be endorsed to include blanket contractual liability coverage.	\$2 Million Combined Single Limits per Occurrence; may be subject to an Annual Aggregate Limit of not less than \$2 Million.
2. Workers' Compensation and Employer's Liability Insurance.	Workers' Compensation: Statutory Limits Employer's Liability: Bodily Injury by Accident: \$100,000 Each Accident Bodily Injury by Disease: \$500,000 Each Accident \$100,000 Each Employee
3. Commercial Automobile Liability Insurance; shall cover all contractor-owned, non-owned, and hired vehicles used in carrying out the contract.	\$1 Million-Combined Single Limits Per Occurrence.

**The contractor may satisfy these requirements through primary insurance coverage or through a combination of primary and excess/umbrella policies.*

9. Traffic.

Maintain pedestrian and vehicular traffic on the roads and highways adjacent to these premises through the life of this contract.

10. Legal Relations and Responsibility to the Public.

Add the following to standard spec 107.3:

Procure all permits necessary to carry out the work, including those necessary while the roads and highways are obstructed either by operations or by the storage of equipment or materials.

The awarding of this contract does not guarantee the issuance of a permit to move any structures over state highways.

The contractor agrees not to move any of the structures within a proposed highway corridor of the State of Wisconsin.

Add the following to standard spec 107.8:

Notify the local law enforcement agency, fire department, and any surface transportation company that may be affected by the anticipated street obstructions or hazards.

Add the following to standard spec 107.22:

Notify the various public or municipal utility companies to disconnect and remove such of their facilities as may be in the buildings, or attached to them, sufficiently in advance of beginning razing operations to allow the utilities to make their disconnections.

11. Protection of Streams, Lakes and Reservoirs.

Standard spec 107.18 shall apply.

12. Underground Fuel Storage Tanks.

The successful bidder will be supplied with a copy of the Environmental Site Assessment for each parcel for which an assessment was deemed necessary or for sites on which underground storage tanks were removed. A private consultant will remove any tanks discovered during the Environmental Site Assessment before razing activities begin.

If tanks are discovered on the site during razing that were not removed as part of or in the absence of an Environmental Site Assessment, immediately cease razing operations on the site and contact the department. The department will hire a private consultant to remove the discovered tanks.

13. Asbestos Removal.

An asbestos inspection has been completed for the buildings to be demolished. Copies of the inspection reports can be obtained from: WisDOT-DTSD-Southeast Region, Real Estate - Attn: Laura Sadler, 141 NW Barstow Street, PO Box 798, Waukesha, WI 53187, or laura@tva-llc.com.

Comply with the requirements of the Environmental Protection Agency (EPA) regulations, National Emission Standards for Asbestos, the Occupational, Safety and Health Administration (OSHA) regulations on asbestos removal, all applicable Wisconsin Department of Natural Resources (DNR) Department of Health Services (DHS) regulations, and local government regulations. The most recent editions of all applicable standards, codes or regulations shall be in effect. Where conflict among the requirements of these specifications occurs, follow the most stringent. In addition, the following requirements apply to this work:

Any person performing asbestos abatement must comply with all training and certification requirements, rules, regulations and laws of the State of Wisconsin regarding asbestos removal. A copy of the abatement and disposal report must be submitted to: WisDOT-DTSD- Southeast Region, Real Estate- Attn: Laura Sadler, 141 NW Barstow Street, PO Box 798, Waukesha, WI 53187. Or via email: laura@tva-llc.com

Asbestos removal is considered incidental to razing and removing buildings and will not be measured for payment separately.

14. Notice to Department of Natural Resources.

For all buildings to be razed or removed, a notification of demolition and/or Renovation (form 4500-113) and all applicable fees must be provided to the Department of Natural Resources (DNR) and the Wisconsin Department of Health Services (DHS), at least 10 working days before starting the work. A copy of this notice must be submitted to: WisDOT-DTSD-Southeast Region Real Estate - Attn: Laura Sadler, 141 NW Barstow Street, PO Box 798, Waukesha, WI 53187. Or via email : laura@tva-llc.com

Note: Wisconsin DNR Central Office phone: (608) 266-2621 – reference: DNR Form 4500-113 "Notification of Demolition and/or Renovation and Application for Permit Exemption". Wisconsin DHS Asbestos & Lead Section Central Office phone (608) 261-6876 - reference: DHS Form F-00041 "Asbestos Project Notification."

Reference: <http://dnr.wi.gov/topic/Demo/Asbestos.html>

Reference: <http://dhs.wisconsin.gov/waldo>

In the notice to DNR, include the address and type of building(s) to be razed or removed, the proposed date that each will be razed or removed, and the name of the licensed or approved landfill where the demolition waste will be disposed. Mail or email a copy of this notice within ten days of DNR notification to: Email: laura@tva-llc.com Or WisDOT-DTSD-Southeast Region Real Estate - Attn: Laura Sadler, 141 NW Barstow Street, PO Box 798, Waukesha, WI 53187.

The contractor's failure to comply with the requirements of this article shall subject the contractor to a penalty of liquidated damages pursuant to standard spec 108.11. The liquidated damages formula will apply for each day in which the provisions of this article are not met.

The well abandonment subcontractor shall prepare and submit to the DNR the Well Abandonment Report form(s)*, which is required by law in the manner prescribed herein.

Note: Provide copy of the Well Abandonment Report form(s), within 30 days of abandonment, to: WisDOT-DTSD-SE Region - Attn: Laura Sadler, PO Box 798, Waukesha, WI 53187.

15. Disposal of Materials.

Add the following to standard spec 104.8:

All salvage removed from the buildings, including fixtures and appurtenances such as screens and storm sash, shall be the property of the contractor and shall be entirely removed from the premises.

Clear the entire premises of all decomposable and combustible refuse, debris, and materials resulting from the removal of the buildings. Upon completion of the work, leave the entire premises in a neat condition. Do not deposit or leave decomposable or combustible refuse, debris, or materials resulting from the removal of the buildings on any state-owned lands, or right-of-way of any highways, including any exposed openings resulting from razing activities.

All living trees, shrubs, evergreens and other vegetation shall remain the department's property. Use care to preserve as much of the landscaping as is reasonably possible.

All hazardous waste, lamps, ballasts, or mercury containing items must be disposed of through the mandatory statewide hazardous waste contract. Follow the procedures in FDM 21-35-35. <https://wisconsindot.gov/rdwy/fdm/fd-21-35.pdf#fd21-35-35> Contact information for the hazardous waste disposal vendor is found here: <https://wisconsindot.gov/Documents/doing-bus/eng-consultants/cns/lt-rsrcs/environment/hazwaste-contacts.pdf>

16. Custody of the Building.

Upon written order by the department representative to commence work, the buildings and surrounding state-owned property shall be under the custody of the contractor. Nothing in this proposal shall be interpreted as setting forth the condition of any building or the appurtenances thereto. Except as otherwise provided herein, it is to be understood that the department accepts no responsibility for the protection of buildings and appurtenances against damages sustained either prior to or subsequent to the time of the letting of the work under this contract. The contractor shall take such measures as are necessary to safeguard the public from damages or injury.

While the buildings are in the contractor's custody, keep the buildings in a closed condition. Do not remove doors or windows from the buildings until the actual day of razing, unless all openings are sealed as approved by the engineer. Only the contractor

and his subcontractor shall salvage building components. At all times, do not allow the general public in the buildings or on the grounds.

17. Removing Buildings.

Amend standard spec 204.3.2.3 to allow removal of buildings, by relocation, intact to a new site beyond the right of way limits.

If the contractor elects to move structure(s) from the parcels, regardless if bidding under Option A or B, but fails to remove the structure(s) from the premises by the time set forth earlier in this contract for completion, the contractor shall forfeit any and all rights, title and interest in the structure(s), and the structure(s) and any salvageable materials remaining on the premises shall revert to the ownership and control of the Wisconsin Department of Transportation to dispose of as it sees fit; but nothing shall in any way release the contractor from any of the contractor's duties, obligations or liability under the terms and provisions of this contract. The contractor shall not sell, nor in any manner transfer title of the structure(s) to a third party until the structure(s) is removed from the right-of-way limits.

The department has no knowledge regarding the condition of the structure(s) or their related components. The department cannot and does not warrant the condition of the structure(s) or their components, nor does the department warrant, guarantee, or imply the suitability of the structure(s) for moving.

18. Removal and Razing Operations.

This work shall be in accordance with standard spec 204 and as hereinafter provided.

Furnish all labor, equipment, tools, transportation, and incidentals necessary for the performance of the work.

Remove all concrete steps, concrete sidewalks, and concrete slabs from the premises.

In compliance with the ordinances and permit requirements of the municipality in which the buildings are situated, and in the presence of the local governing unit, a certified/licensed well driller, pump installer or water system operator shall seal or abandon all sewer and water lines and/or wells pursuant to Wisconsin Statute §280.30 and the Natural Resources portion of the Wisconsin Administrative Code covered under NR 811 and 812 and submit a completed abandonment report to: .

Until standing walls have been razed, the walls shall be reasonably and safely braced at all times to ensure complete safety during the wrecking operations.

Break and remove entirely from the site all floors and footings.

Dispose of all non-hazardous demolition waste in a landfill licensed or approved in writing by the Department of Natural Resources and in accordance with NR500, Wisconsin Administrative Code. Failure to properly dispose of solid waste is a violation of State Solid Waste Statutes and Administrative code and is subject to issuance of a citation under Wisconsin Statute §287.81(2)(a).

All hazardous waste, lamps, ballasts, or mercury containing items must be disposed of through the mandatory statewide hazardous waste contract. Follow the procedures in FDM 21-35-35. <https://wisconsin.gov/rdwy/fdm/fd-21-35.pdf#fd21-35-35> Contact information for the hazardous waste disposal vendor is found here: <https://wisconsin.gov/Documents/doing-business/eng-consultants/cns/rsrcs/environment/hazwaste-contacts.pdf>

Remove all material from the premises in a safe manner and in compliance with all applicable laws and ordinances. Do not disturb adjacent property.

19. Backfill.

Prior to any backfill operations, notify the regional office of the Department of Transportation to inspect all exposed areas resulting from the razing and removal operations. Contact Wisconsin Department of Transportation, Southeast Region Real Estate, Attn: Laura Sadler, 141 NW Barstow Street, PO Box 798, Waukesha, WI 53187, Phone (414) 870-8822 for this inspection.

Backfill material must be clean granular or earthen materials placed and compacted in lifts of 1-foot maximum depth and compact each lift 90 percent of maximum density as determined by ASTM D698.

Site restoration: A minimum of 5-inches of clean topsoil shall cover all backfill. 70% vegetation coverage on the site within 90 days of completion of demolition shall be established prior to the removal of erosion control materials.

ADDITIONAL SPECIAL PROVISION 4

This special provision does not limit the right of the department, prime contractor, or subcontractors at any tier to withhold payment for work not acceptably completed or work subject to an unresolved contract dispute.

Payment to First-Tier Subcontractors

Within 10 calendar days of receiving a progress payment for work completed by a subcontractor, pay the subcontractor for that work. The prime contractor may withhold payment to a subcontractor if, within 10 calendar days of receipt of that progress payment, the prime contractor provides written notification to the subcontractor and the department documenting "just cause" for withholding payment.

The prime contractor is not allowed to withhold retainage from payments due subcontractors.

Payment to Lower-Tier Subcontractors

Ensure that subcontracting agreements at all tiers provide prompt payment rights to lower-tier subcontractors that parallel those granted first-tier subcontractors in this provision.

Additional Special Provision 6**ASP 6 - Modifications to the standard specifications**

Make the following revisions to the standard specifications:

102.1 Prequalifying Bidders

Replace paragraph two with the following effective with the October 2020 letting:

- (2) Furnish a dated prequalification statement on the department's form at least 10 business days before the time set for the letting to close.

102.6 Preparing the Proposal

Replace the entire text with the following effective with the October 2020 letting:

102.6.1 General

- (1) Submit completed proposals on the department's bidding proposal described in 102.2. Submit legible information only. Write everything in ink, by typewriter, or by computer-controlled printer. Provide all dollar amounts in dollars and cents, in numerals. Attach all addenda to the submitted proposal.
- (2) Properly execute the proposal. Place the required signatures, in ink, in the space provided on the bidding proposal as indicated below:

ENTITY SUBMITTING PROPOSALREQUIRED SIGNATURE

Individual The individual or a duly authorized agent.

Partnership A partner or a duly authorized agent.

Joint venture A member or a duly authorized agent of at least one of the joint venture firms.

Corporation An authorized officer or duly authorized agent of the corporation. Also show the name of the state chartering that corporation and affix the corporate seal.

Limited liability company A manager, a member, or a duly authorized agent.

- (3) Instead of using the schedule of items provided on the department's bidding proposal, the bidder may submit a substitute schedule with the proposal. Use a format for the substitute schedule conforming to the department's guidelines for approval of a bidder-generated schedule of items. Obtain the department's written approval before using a substitute schedule.
- (4) Provide a unit price for each bid item listed in the schedule of items. Calculate and show, in the bid amount column, the products of the respective unit prices and quantities. For a lump sum bid item, show the same price in the unit price column and in the bid amount column pertaining to that bid item. Show the total bid obtained by adding the values entered in the bid amount column for the listed bid items.
- (5) If a unit price or lump sum bid already entered in the proposal needs to be altered, cross out the entered unit price or lump sum bid with ink or typewriter and enter the new price above or below and initial it in ink.
- (6) A change that the bidder makes in the proposal is not an alteration if the bidder makes that change as directed in a specific instruction contained in an addendum.

102.6.2 Disadvantaged Business Enterprise (DBE) Commitment

- (1) Before the letting is closed, submit the following documentation for proposals with a DBE goal:
1. Commitment to subcontract to DBE on department form DT1506.
 2. Attachment A for each subcontractor listed on the DT1506.
 3. If the DBE goal is not attained, certificate of good faith efforts on department form DT1202.
- (2) Within 24 hours after the letting is closed, email all supplemental documentation for the DT1202 verifying efforts made to attain the DBE goal to DBE_Alert@dot.wi.gov.

102.7.3 Department Will Reject

Replace paragraph one with the following effective with the January 2021 letting:

- (1) Proposals are irregular and the department will reject and will not post them if the bidder:
 1. Does not furnish the required proposal guaranty in the proper form and amount as specified in 102.8.
 2. Does not submit a unit price for each bid item listed, except for lump sum bid items where the bidder may show the price in the bid amount column for that bid item.
 3. Includes conditions or qualifications not provided for in the department-supplied bidding proposal.
 4. Submits a bid on a bidding proposal issued to a different bidder without obtaining departmental authorization to do so.
 5. Submits a bid that contains unauthorized revisions in the name of the party to whom the bidding proposal was issued.
 6. Submits a schedule of items with illegibly printed bid item numbers, descriptions, or unit prices.
 7. Submits a schedule of items for the wrong contract.
 8. Submits a bidder-generated schedule of items with an incorrect bid item number and incorrect description for a single bid item.
 9. Omits a bid item or bid items on a bidder-generated schedule of items.
 10. Submits a materially unbalanced bid.
 11. Does not sign the proposal.
 12. Does not submit the DBE forms and required supplemental documentation of the good faith efforts as specified in 102.6.2.

102.12 Public Opening of Proposals

Replace paragraph one with the following effective with the October 2020 letting:

- (1) The letting will close at the time and place indicated in the notice to contractors. The department will publicly open and post the total bid for each proposal on the Bid Express web site beginning at noon on the day after the letting is closed except as specified in 102.7.3 and 102.8. If a proposal has no total bid shown, the department will not post the bid. After verification for accuracy under 103.1, the department will post bid totals on the HCCI web site.

<https://wisconsin.gov/Pages/doing-business/contractors/hcci/bid-let.aspx>

103.1 Consideration of Proposals

Replace paragraph one with the following effective with the October 2020 letting:

- (1) Following the public opening of the proposals received, the department will compare them based on the summation of the products of the quantities of work listed and the contract unit prices offered. In case of discrepancies, errors, or omissions, the department will make corrections as specified in 102.7.1. In awarding contracts, the department, in addition to considering the amounts stated in the proposals, may consider one or more of the following:
 1. The responsibility of the various bidders as determined from a study of the data required under 102.1.
 2. The responsiveness of the bid as determined under 102.6.
 3. Information from other investigations that the department may make.

107.17.1 General

Replace paragraph four with the following effective with the November 2020 letting:

- (4) Comply with the railroad's rules and regulations regarding operations on or near the railroad right-of-way as follows:
 - When working on the railroad right-of-way.
 - When working within 25 feet of the track centerline or adjacent facilities, including equipment or extensions of equipment that can fall within 25 feet of the track centerline or adjacent facilities.

If the railroad's chief engineering officer requires, arrange with the railroad to obtain the services of qualified railroad employees to protect railroad traffic through the work area. Bear the cost of these services and pay the railroad directly. Notify the railroad's representative, specified in the project special provisions, in writing at least 40 business days before starting work near a track. Provide the specific time planned to start the operations.

NOT FOR BIDDING PURPOSES

109.6.3.3 Retainage

Delete paragraph two effective with the December 2020 letting:

450.2.1 Acronyms and Definitions

Add the following definitions to 450.2.1(2) effective with the November 2020 letting:

Butt Joint	A transverse joint between existing and newly paved surfaces, formed by milling or sawing a vertical notch into the existing surface and then paving against the notch.
Echelon Paving	Paving two or more adjacent lanes with adjacent pavers offset from each other by 200 feet or less.
Notched Wedge Joint	A longitudinal joint consisting of a wedge placed at the edge of the initially paved lane with an overlapping wedge placed on the subsequent lane.
Tandem Paving	Paving two or more adjacent lanes with adjacent pavers offset from each other by more than 200 feet.
Vertical Joint	A longitudinal joint between 2 paved lanes with a vertical or nearly vertical interface between the adjacent mats.

450.3.2.8 Jointing

Replace paragraph two with the following with the November 2020 letting:

- (2) Where placing against existing HMA pavement, saw or mill the existing mat to form a full-depth joint.

Replace paragraphs five and six with the following effective with the November 2020 letting:

- (5) At the prepave meeting, submit documentation to the engineer that includes the brand name and model of each extruding and compacting device proposed for notched wedge joint construction. Alternatively, submit pictures of fabricated wedging and compacting devices. Do not use devices before engineer approval.
- (6) For notched wedge joints, construct and shape the wedge for each layer using the engineer-approved extruding device and compacting device that will provide a uniform slope and will not restrict the main screed. Compact the wedge with a weighted roller wheel or vibratory plate compactor the same width as the wedge. Clean and apply tack coat to the wedge surface and both notches before placing the adjacent lane.
- (7) For butt and vertical joints, clean and apply tack coat to promote bonding and seal the joint.
- (8) If paving in echelon, the contractor may use a vertical or notched wedge joint. Joints paved in echelon need not be tack coated.

460.2.2.3 Aggregate Gradation Master Range

Replace table 460-1 with the following effective with the November 2020 letting:

TABLE 460-1 AGGREGATE GRADATION MASTER RANGE AND VMA REQUIREMENTS

SIEVE	PERCENT PASSING DESIGNATED SIEVES							
	NOMINAL SIZE							
	No. 1 (37.5 mm)	No. 2 (25.0 mm)	No. 3 (19.0 mm)	No. 4 (12.5 mm)	No. 5 (9.5 mm)	No. 6 (4.75 mm)	SMA No. 4 (12.5 mm)	SMA No. 5 (9.5 mm)
50.0-mm	100							
37.5-mm	90 - 100	100						
25.0-mm	90 max	90 - 100	100					
19.0-mm	—	90 max	90 - 100	100			100	
12.5-mm	—	—	90 max	90 - 100	100		90 - 97	100
9.5-mm	—	—	—	90 max	90 - 100	100	58 - 80	90 - 100
4.75-mm	—	—	—	—	90 max	90 - 100	25 - 35	35 - 45
2.36-mm	15 - 41	19 - 45	23 - 49	28 - 58	32 - 67	90 max	15 - 25	18 - 28
1.18-mm	—	—	—	—	—	30 - 55	—	—
0.60-mm	—	—	—	—	—	—	18 max	18 max
0.075-mm	0 - 6.0	1.0 - 7.0	2.0 - 8.0	2.0 - 10.0	2.0 - 10.0	6.0 - 13.0	8.0 - 11.0	8.0 - 12.0
% VMA	11.0 min	12.0 min	13.0 min	14.0 min ^[1]	15.0 min ^[2]	16.0 - 17.5	16.0 min	17.0 min

^[1] 14.5 for LT and MT mixes.

^[2] 15.5 for LT and MT mixes.

522.2 Materials

Replace paragraph three with the following effective with the January 2021 letting:

- (3) Manufacture precast reinforced concrete pipe, cattle pass, and apron endwalls in a plant listed under precast concrete fabricators on the APL. Conform to the specified AASHTO standard materials requirements except as follows:

- The contractor may use cement conforming to 501.2.1 or may substitute for portland cement at the time of batching conforming to 501.2.6 for fly ash, 501.2.7 for slag, or 501.2.8 for other pozzolans. In either case the maximum total supplementary cementitious content is limited to 30 percent of the total cementitious content by weight.

532.2.1 General

Replace paragraph one with the following effective with the November 2020 letting:

- (1) Furnish structural steel conforming to ASTM as follows:

- <= 1/2 inch thick structural tube and pipe ASTM A500 grade C
- > 1/2 inch thick structural tube and pipe API 5L PSL 2 grade 46 or ASTM 1085
- Tapered vertical supports ASTM A595 grade A or ASTM A572 grade 55
- Multi-sided or greater than 26-inch diameter round tapered poles ASTM A572 grade 65
- Structural angles and plates ASTM A709 grade 36

532.3.8 Acceptance and Inspection

Add the following new subsection effective with the November 2020 letting:

532.3.8 Acceptance and Inspection

- (1) Demonstrate to the engineer that electrical and mechanical systems for each high mast tower installation are fully operational. The department will not accept an installation until the engineer is satisfied that it functions properly.
- (2) Inspect completed "S" or "L" designated structures before opening to public traffic conforming to the BOS structure inspection manual part 4 for sign, signal, and high mast towers available at:

<https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/strct/inspection-manual.aspx>

Ensure that a department-certified active team leader for sign/signal inspections, listed on the department's highway structures information system (HSIS) website, performs inspections. Conform to the following:

- Notify the engineer at least 5 business days before inspection.
- Ensure that the team leader performing inspections submits the signed inspection reports and provides punch list items as maintenance items in the inspection report to the engineer within one business day after completing each inspection. Submit that signed final inspection report to the engineer and HSIS at:

<https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/strct/hsi.aspx>

- Notify the engineer and region ancillary structure project manager upon completion of the punch list items.

550.2.1 Steel Piles and Pile Shells

Replace paragraph three with the following effective with the November 2020 letting:

- (3) For steel pipe sections and steel pile shells for cast-in-place concrete piles, use ASTM A252 grade 3 steel.

608.2.1 Pipe

Replace paragraph three with the following effective with the January 2021 letting:

- (3) Manufacture precast reinforced concrete pipe for storm sewer in a plant listed under precast concrete fabricators on the APL. Conform to the specified AASHTO materials requirements for the class of precast concrete pipe specified except as follows:
 - The contractor may use cement conforming to 501.2.1 or may substitute for portland cement at the time of batching conforming to 501.2.6 for fly ash, 501.2.7 for slag, or 501.2.8 for other pozzolans. In either case the maximum total supplementary cementitious content is limited to 30 percent of the total cementitious content by weight.

611.2 Materials

Replace paragraph three with the following effective with the January 2021 letting:

- (3) For precast structures conform to AASHTO M199 for circular structures and ASTM C913 for square and rectangular structures. Manufacture in a plant listed under precast concrete fabricators on the APL. Conform to the specified AASHTO materials requirements for the structure specified except as follows:
 - Use concrete with 470 pounds or more cementitious material per cubic yard.
 - The contractor may use cement conforming to 501.2.1 or may substitute for portland cement at the time of batching conforming to 501.2.6 for fly ash, 501.2.7 for slag, or 501.2.8 for other pozzolans. In either case the maximum total supplementary cementitious content is limited to 30 percent of the total cementitious content by weight.
 - For wet cast use air-entrained concrete with 7.0 percent +/- 1.5 percent air content.

614.3.2.1 Installing Posts

Replace paragraphs four and five with the following effective with the December 2020 letting:

- (4) For bid items 614.0220, 0230, and 2500; do not trim posts before installation and mark one face of each post as follows:

- Draw an embedment depth line.
- Above the embedment line, write the post length.
- Posts 3 through 8 of bid item 614.0220 do not require marking.

Install posts with the markings on the roadway side. Ensure the markings remain on the posts until guardrail final acceptance.

- (5) Ensure that posts are at least the minimum length and minimum embedment the plans show before cutting post tops to the finished elevation. After installation, the engineer may direct the contractor to remove and re-install up to 5% of the posts to verify they were placed to the required plan depth. If a post is embedded less than the required plan depth, the engineer may direct additional sampling. Re-install sampled posts at the locations and to the depths the plans show. Replace posts and other components that are damaged during sampling.
- (6) Provide offset block-mounted reflectors as the plans show.

650.3.7 Structure Layout Staking

Replace the entire text with the following effective with the January 2021 letting:

- (1) Set construction stakes or marks on a line offset from the structure centerline or on a reference line, whichever is appropriate, for both roadway and substructure units. Establish the plan horizontal and vertical positions to the required accuracy. Also, set and maintain stakes and marks as necessary to support the method of operations. Locate stakes and marks to within 0.02 feet of the true horizontal position, and establish the grade elevation to within 0.01 feet of true vertical position.
- (2) For girder bridges, the department will compute deck grades with contractor-supplied girder elevation data.
- (3) For slab span bridges, the department will compute slab grades using contractor-supplied falsework settlement and deflection data at tenth points along slab edges, the crown, and reference line locations. Before releasing falsework, survey top-of-slab elevations at the centerline of the abutments and at the 5/10th point along slab edges, the crown, and reference line locations to verify the camber.

710.2 Small Quantities

Replace paragraph one with the following effective with the November 2020 letting:

- (1) For contracts with only small quantities of material subject to testing, as defined under specific contract QMP provisions, modify the requirements of 710 as follows:
1. The contractor may submit an abbreviated quality control plan as allowed in 701.1.2.3.
 2. The engineer may accept aggregate based on documented previous testing and non-random start-up gradation testing as allowed in 710.5.6.1.

710.4 Concrete Mixes

Replace paragraph two with the following effective with the January 2021 letting:

- (2) At least 3 business days before producing concrete, document that materials conform to 501 unless the engineer allows or individual QMP specifications provide otherwise. Include the following:
1. For mixes: quantities per cubic yard expressed as SSD weights and net water, water to cementitious material ratio, and air content.
 2. For cementitious materials and admixtures: type, brand, and source.
 3. For aggregates: absorption, SSD bulk specific gravity, wear, soundness, freeze thaw test results if required, and air correction factor. Also include proposed combined gradation limits and target individual gradations, including P200 limits..

710.5.6 Aggregate Testing

Replace the entire text with the following effective with the January 2021 letting:

710.5.6.1 General

- (1) Test aggregate gradations during concrete production. The department will accept non-random start-up testing during concrete production for the following:
 - Small quantities, as defined in 715.1.1.2, of class I concrete placed under 715.
 - Less than 400 cubic yards of class II ancillary concrete placed under the contract.

710.5.6.2 Gradation Testing During Concrete Production

- (1) Test aggregate gradation during concrete production batching either at a central mix batch plant or at a ready mix plant. The contractor's concrete production QC tests can be used for the same mix design on multiple contracts.
- (2) Conform to combined gradation limits either calculated using department form WS3012 or custom limits approved as a part of the contractor's quality control plan. For class II concrete, also conform to the additional combined gradation requirements specified for class I concrete in 715.2.2.
- (3) Determine the complete gradation using a washed analysis for both fine and coarse aggregates. Report results for the 1 1/2", 1", 3/4", 1/2", 3/8", #4, #8, #16, #30, #50, #100, and #200 sieves.
- (4) Contractor QC testing frequency is based on the cumulative plant production for each mix design across multiple WisDOT contracts.

TABLE 710-1 PLANT PRODUCTION QC GRADATION TESTING FREQUENCY

Daily Plant Production Rate for WisDOT Work	Minimum QC Frequency per Stockpile
250 cubic yards or less	one test per cumulative total of 250 cubic yards
more than 250 through 1000 cubic yards	one test per day
more than 1000 cubic yards	two tests per day

- (5) Department QV testing frequency is based on the quantity of each mix design placed under each individual WisDOT contract.

TABLE 710-2 CONTRACT PLACEMENT QV GRADATION TESTING FREQUENCY

Anticipated Daily Placement Rate Each WisDOT Contract	Minimum QV Frequency per Stockpile
less than or equal to 1000 cubic yards	one test per 5 days of placement
more than 1000 cubic yards	two tests per 5 days of placement

715.2.2 Combined Aggregate Gradation

Replace the entire text with the following effective with the January 2021 letting:

- (1) Ensure that the combined aggregate gradation conforms to the following, expressed as weight percentages of the total aggregate:
 1. One hundred percent passes the 2-inch sieve.
 2. For mixes containing size No. 2 stone, the percent passing the 1-inch sieve is less than or equal to 89. The engineer may waive this requirement if the clear spacing between reinforcing bars is less than 2 inches.
 3. The percent passing the No. 4 sieve is less than or equal to 42, except if the coarse aggregate is completely composed of crushed stone, up to 47 percent may pass the No. 4 sieve. For pavement, coarse aggregate may be completely composed of crushed concrete, in which case up to 47 percent may pass the No. 4 sieve.
 4. The percent passing the No. 200 sieve is less than or equal to 2.3 percent.

716.2.1 Class II Concrete

Replace paragraphs four through six with the following effective with the November 2020 letting:

- (4) Provide concrete with a 28-day compressive strength that equals or exceeds the following:
 - If the contract specifies f'_c , then f'_c .
 - If the contract does not specify f'_c , then 3000 psi.

ERRATA

101.3 Definitions

Adopt AASHTO change order definition.

Change order A written order to the contractor detailing changes to the specified work quantities or modifications within the scope of the original contract..

NOT FOR BIDDING PURPOSES

Delete existing contract change order, contract modification, and contract revision definitions.

460.2.7(1) HMA Mixture Design

Correct table 460-2 errata by eliminating plasticity index requirements for LT, MT, and HT mixes.

TABLE 460-2 MIXTURE REQUIREMENTS

Mixture type	LT	MT	HT	SMA
LA Wear (AASHTO T96)				
100 revolutions(max % loss)	13	13	13	13
500 revolutions(max % loss)	50	45	45	35
Soundness (AASHTO T104) (sodium sulfate, max % loss)	12	12	12	12
Freeze/Thaw (AASHTO T103 as modified in CMM 860.2.7) (specified counties, max % loss)	18	18	18	18
Fractured Faces (ASTM D5821 as modified in CMM 860.7.2) (one face/2 face, % by count)	65/___	75 / 60	98 / 90	100/90
Flat & Elongated (ASTM D4791) (max %, by weight)	5 (5:1 ratio)	5 (5:1 ratio)	5 (5:1 ratio)	20 (3:1 ratio)
Fine Aggregate Angularity (AASHTO T304, method A, min)	40 ^[1]	43 ^[1]	45	45
Sand Equivalency (AASHTO T176, min)	40	40 ^[2]	45	50
Clay Lumps and Friable Particle in Aggregate (AASHTO T112)	<= 1%	<= 1%	<= 1%	<= 1%
Plasticity Index of Material Added to Mix Design as Mineral Filler (AASHTO T89/90)				<= 4
Gyratory Compaction				
Gyrations for Nini	6	7	8	7
Gyrations for Ndes	40	75	100	65
Gyrations for Nmax	60	115	160	100
Air Voids, %Va (%Gmm Ndes)	4.0 (96.0)	4.0 (96.0)	4.0 (96.0)	4.5 (95.5)
% Gmm Nini	<= 91.5 ^[3]	<= 89.0 ^[3]	<= 89.0	___
% Gmm Nmax	<= 98.0	<= 98.0	<= 98.0	<= 98.0
Dust to Binder Ratio ^[4] (% passing 0.075/Pbe)	0.6 - 1.2 ^[5]	0.6 - 1.2 ^[5]	0.6 - 1.2 ^[5]	1.2 - 2.0
Voids filled with Binder (VFB or VFA, %)	68 - 80 ^{[6] [8]}	65 - 75 ^{[6] [7] [9]}	65 - 75 ^{[6] [7] [9]}	70 - 80
Tensile Strength Ratio (TSR) (AASHTO T283) ^{[10] [11]}				
no antistripping additive	0.75 min	0.75 min	0.75 min	0.80 min
with antistripping additive	0.80 min	0.80 min	0.80 min	0.80 min
Draindown (AASHTO T305) (%)	___	___	___	<= 0.30
Minimum Effective Asphalt Content, Pbe (%)	___	___	___	5.5

^[1] For No 6 (4.75 mm) nominal maximum size mixes, the specified fine aggregate angularity is 43 for LT and 45 MT mixes.

^[2] For No 6 (4.75 mm) nominal maximum size mixes, the specified sand equivalency is 43 for MT mixes.

^[3] The percent maximum density at initial compaction is only a guideline.

^[4] For a gradation that passes below the boundaries of the caution zone (ref. AASHTO M323), the dust to binder ratio limits are 0.6 - 1.6.

^[5] For No 6 (4.75 mm) nominal maximum size mixes, the specified dust to binder ratio limits are 1.0 - 2.0 for LT mixes and 1.5 - 2.0 for MT and HT mixes.

^[6] For No. 6 (4.75mm) nominal maximum size mixes, the specified VFB is 67 - 79 percent for LT mixes and 66 - 77 percent for MT and HT mixes.

^[7] For No. 5 (9.5mm) and No. 4 (12.5 mm) nominal maximum size mixtures, the specified VFB range is 70 - 76 percent.

^[8] For No. 2 (25.0mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

^[9] For No. 1 (37.5mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

^[10] WisDOT eliminates freeze-thaw conditioning cycles from the TSR test procedure.

^[11] Run TSR at asphalt content corresponding to 3.0% air void regressed design, or 4.5% air void design for SMA, using distilled water for testing.

513.2.1(2) General

Correct errata by changing the CMM reference from 875.2 to 875.4.

- (2) Conform to the department's certification method of acceptance, as defined in CMM 875.4, for railing and railing components. Furnish a certificate of compliance for miscellaneous hardware.

531.1(1) Description

Correct errata by adding structural steel sign supports constructed under 635.

- (1) This section describes constructing drilled shaft foundations for the following:
- Overhead sign structures constructed under 532.
 - High mast light towers constructed under 532.
 - Structural steel sign supports constructed under 635.
 - Camera poles constructed under 677.

635.3.1(1) Structural Steel Sign Supports

Correct errata by adding "type NS" concrete footings.

- (1) Locate and erect the supports as specified for placement and orientation in 637.3.3.2. Construct Type NS concrete footings conforming to 531.

654.5(2) Payment

Correct errata by changing excavating to drilling.

- (2) Payment for the Bases bid items is full compensation for providing concrete bases; for embedded conduit and electrical components; for anchor templates, rods, nuts, and washers; for bar steel reinforcement; and for drilling and backfilling.

Non-discrimination Provisions

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. Compliance with Regulations: The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, Federal Highway Administration, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

2. Non-discrimination: The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.

3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.

4. Information and Reports: The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the Federal Highway Administration to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the Federal Highway Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance: In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:

- a. Withholding payments to the contractor under the contract until the contractor complies; and/or
- b. Cancelling, terminating, or suspending a contract, in whole or in part.

6. Incorporation of Provisions: The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Non-Discrimination Authorities:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);

- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures Non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

Effective November 2020 letting

BUY AMERICA PROVISION

All steel and iron materials permanently incorporated in this project shall be domestic products and all manufacturing and coating processes for these materials from smelting forward in the manufacturing process must have occurred within the United States. Coating includes epoxy coating, galvanizing, painting and any other coating that protects or enhances the value of a material subject to the requirements of Buy America. The exemption of this requirement is the minimal use of foreign materials if the total cost of such material permanently incorporated in the product does not exceed one-tenth of one percent (1/10 of 1%) of the total contract cost or \$2,500.00, whichever is greater. For purposes of this paragraph, the cost is that shown to be the value of the subject products as they are delivered to the project. The contractor shall take actions and provide documentation conforming to CMM 2-28.5 to ensure compliance with this "Buy America" provision.

<https://wisconsindot.gov/rdwy/cmm/cm-02-28.pdf>

Upon completion of the project certify to the engineer, in writing using department form DT4567, that all steel, iron, and coating processes for steel or iron incorporated into the contract work conform to these "Buy America" provisions. Attach a list of exemptions and their associated costs to the certification form. Department form DT4567 is available at:

<https://wisconsindot.gov/Documents/formdocs/dt4567.docx>

Exhibits

ID 1229-04-21 #11

Removal, Grading, Backfill

Site Diagram

Photos

*Taken from appraisal done by Metropolitan Appraisals

Driveway Access

Location Map

Asbestos Inspection and Abatement Report

REMOVE: Two story, 3,823 SF farmhouse with two car attached garage. 540 SF woodshed, access walks, curbs, steps, private well and asphalt driveway if applicable. Miscellaneous fencing, any and all other relevant surrounding improvements and debris, if present. Asbestos, if present, must be removed pursuant to Article 15 of the Special Provisions.


GRADING: As directed by the State Department of Transportation inspector. Reference Special Provisions - Article 2 – Item #5.

Floor Plan/Site Diagram – Following Page(s)

BACKFILL: Reference Special Provisions – Article 2 – Item #6 Well - Concrete or Other Material Acceptable to Wisconsin Department of Natural Resources.

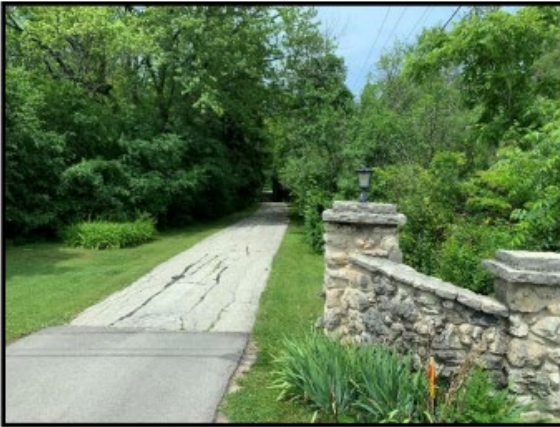
SUBJECT AERIAL



 Property Boundary

ID 1229-04-21 Parcel 11, 616 W. Green Tree Road, River Hills, WI

PHOTOS OF THE SUBJECT



1.) View facing north



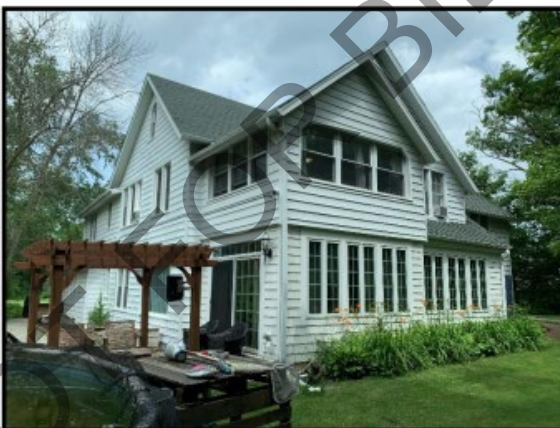
2.) View facing southwest



3.) View facing south



4.) View facing east



5.) View facing northeast



6.) View facing northwest



7.) View of wood shed facing northeast



8.) View of yard facing southwest

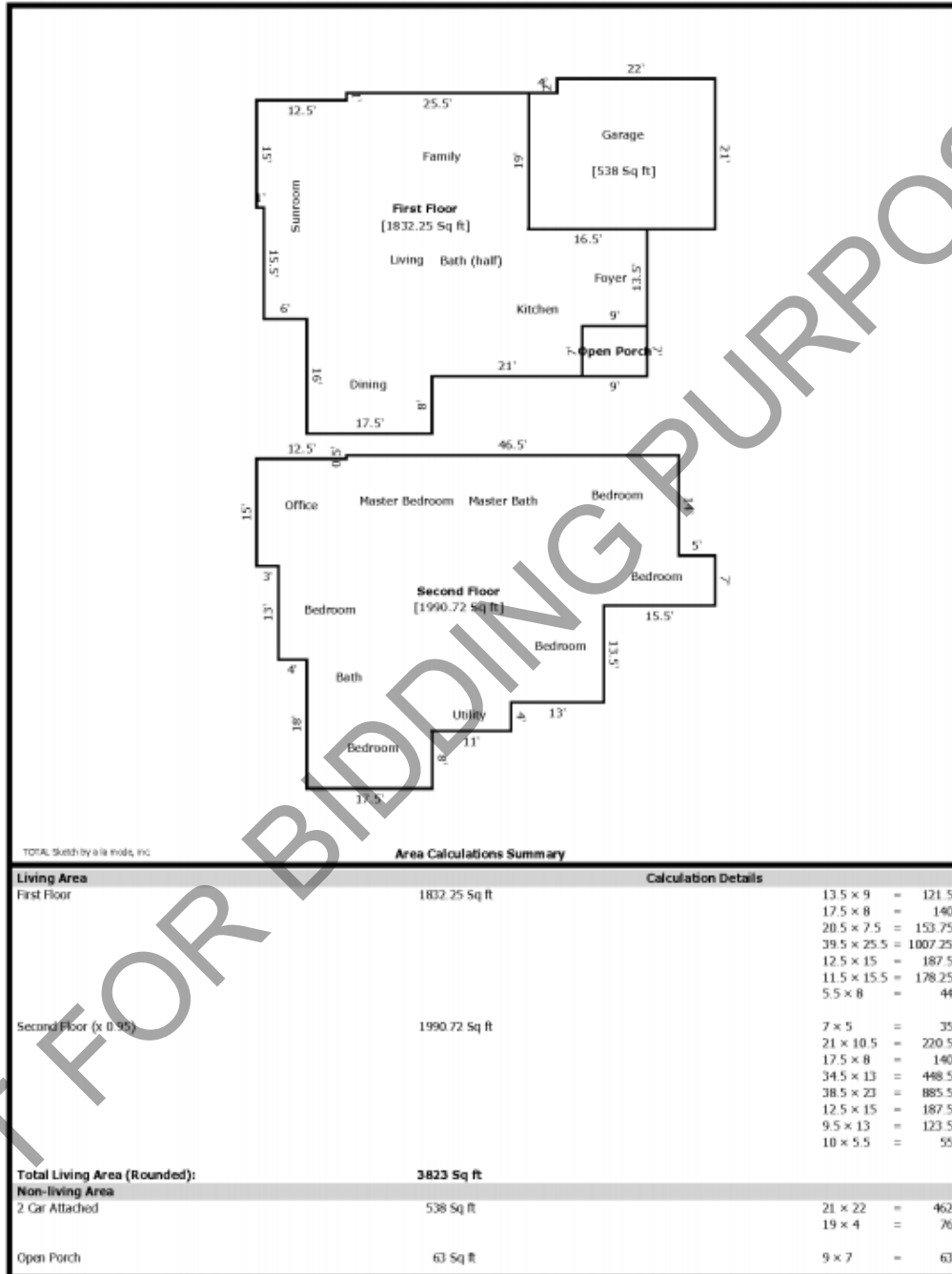


9.) View along W. Green Tree Road facing east



10.) View along W. Green Tree Road facing west

BUILDING SKETCH



TOTAL Sketch software by a la mode, inc. 1-800-alamode

ID 1229-04-21 Parcel 11, 616 W. Green Tree Road, River Hills, WI

DESCRIPTION OF IMPROVEMENTS

The following improvements description summary is based on an interior inspection as well as review of assessment records, and aerial photographs. A floorplan and photographs of the subject are included on the foregoing pages.

Year built:	1919
Number of stories:	2-story farmhouse
Above grade square feet:	3,823 square feet (appraiser measurement)
Bedrooms (above grade):	6
Baths (above grade):	2.5
Below grade square feet:	+/-1,632 square feet (per assessor)
Below grade finished area:	None
Building frame:	Wood
Roof type:	Asphalt shingle
Exterior:	Vinyl/Wood shingle
Heating:	Radiant - boiler
Cooling:	None
Garage:	Attached 2-car
Fuel type:	Natural gas
Electrical:	200-amp service
Water heater:	Gas water heater
Porch/deck/patios:	Open porch, patio
Driveway:	Asphalt
Landscaping:	Average
Other:	Gas fireplace
 Other Buildings:	 Wood shed - 540 square feet. Updated with new windows, but in overall poor condition.
 Condition:	 The interior of the property is in overall good condition. Updates since the property was purchased in 2012 include updates to kitchen including quartz countertops, rebuilt chimney, gas fireplace, foundation repair, new boiler, new water heater, roof repair, refinished wood floors, updates to bathrooms include addition of master bath, and vinyl double hung windows.
 Quality of Construction:	 Average interior and exterior finishes

INTERIOR PHOTOS



1.) Kitchen



2.) Kitchen Pantry



3.) Dining Room



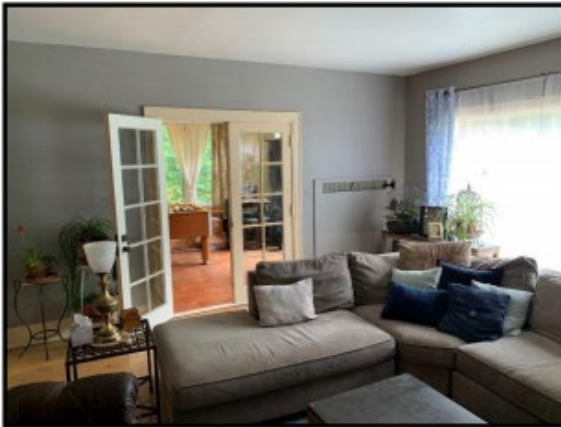
4.) Living Room



5.) Sunroom



6.) Family Room



7.) Family Room



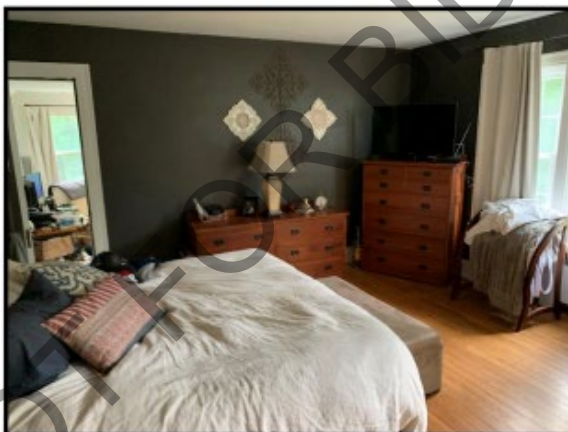
8.) Main level half bath



9.) Bedroom



10.) Bedroom



11.) Master Bedroom



12.) Master Bathroom



13.) Wood shed



14.) Wood shed

Driveway Access

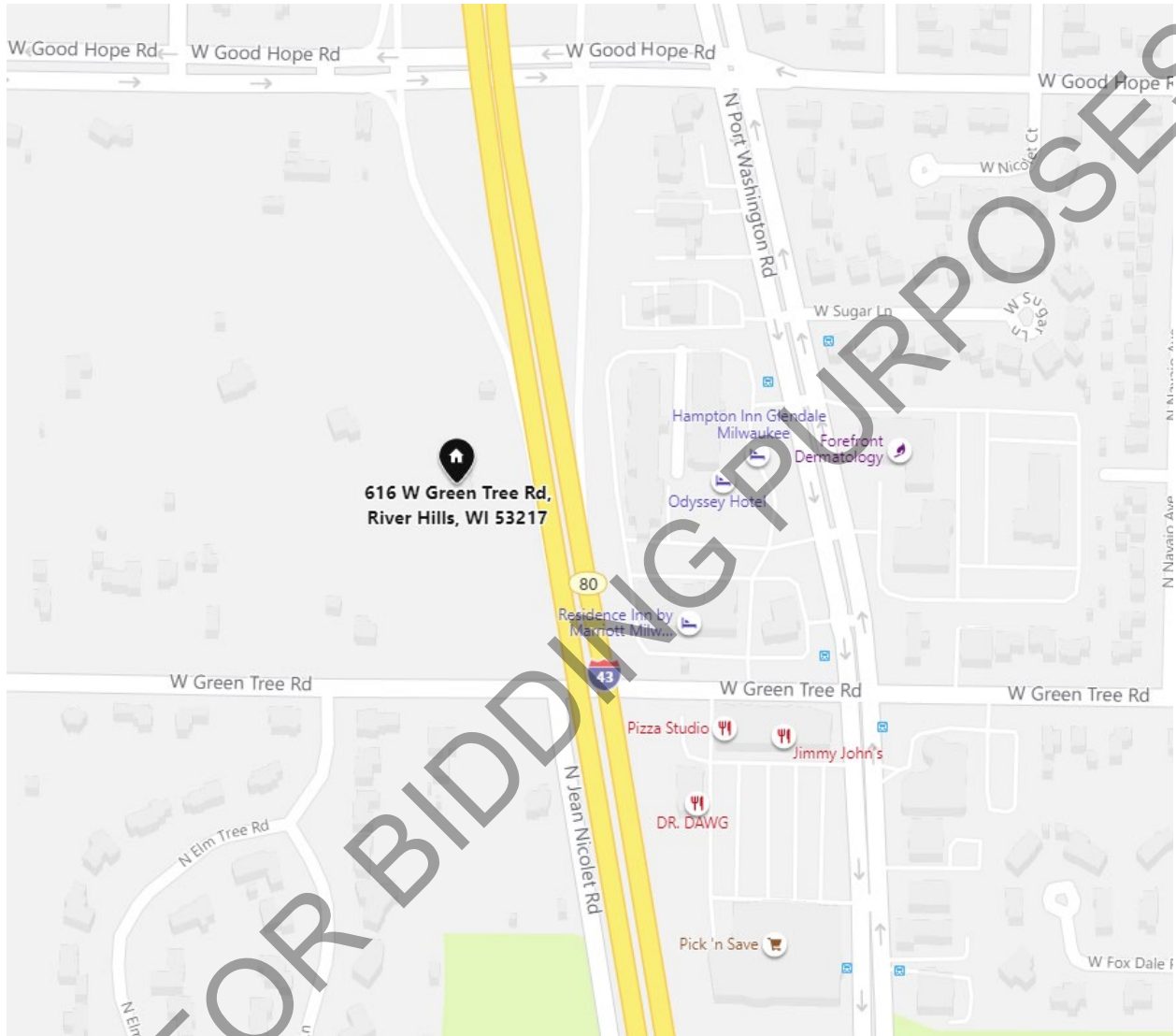
Access from Green Tree Road is via a residential driveway but halfway down there is a concrete bridge over a ravine. The bridge is 12 feet wide, about 27 feet long and about 12 feet off the ground. WisDOT does not know the load rating of the bridge and therefore, heavy truck traffic is at the contractor's risk. The bridge shall remain and not be removed as part of this project.





July 21, 2020

ID 1229-04-21 Parcel 11, 616 W. Green Tree Road, River Hills, WI



ID 1229-04-21 Parcel 11, 616 W. Green Tree Road, River Hills, WI

PRE-DEMOLITION INSPECTION REPORT**Job Site:**

**One Family Dwelling, Garage, and Shed
616 West Green Tree Road
River Hills, Wisconsin**

For:

**Wisconsin Department of Transportation
Southeast Region Real Estate
141 NW Barstow Street, Suite 218
Waukesha, Wisconsin 53188**

KPH Project # 21-400-114.616



Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

**KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204**

May 2021

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616 West Green Tree Road

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EXECUTIVE SUMMARY

KPH Environmental Corp (KPH), was retained by the Wisconsin Department of Transportation to conduct an inspection at 616 West Green Tree Road, River Hills, Wisconsin, prior to demolition. KPH conducted a visual inspection for asbestos and universal waste and other hazardous materials, and collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in mastic underneath metal wall tiles in the kitchen, and aircell and cardboard pipe insulation in the basement. Insulated pipes are also assumed to be within the 1st floor walls near the radiators in each room. Sample results are in Section II.

NR 447.08 requires the building owner or operator to remove all regulated asbestos containing material (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. KPH recommends that these asbestos containing materials be abated prior to demolition.

NR 447.07 requires the building owner or operator to notify the Wisconsin Department of Natural Resources at least 10 business day prior to the start of demolition using form 4500-113, or through an on line notification system

Universal wastes were observed and will require removal prior to demolition. Information is in Section III.

I. INTRODUCTION

KPH Environmental Corp., (KPH) was retained by the Wisconsin Department of Transportation to conduct an inspection of the one family dwelling, garage, and shed at 616 West Green Tree Road, River Hills, Wisconsin, for the following:

- Suspect asbestos containing materials
- Universal wastes such as CFCs, mercury light bulbs and PCB containing light fixture ballasts

The buildings are scheduled for demolition. **The inspection of the one family dwelling, garage, and shed at 616 West Green Tree Road, River Hills, Wisconsin, was conducted on April 26, 2021, to cover the items listed above.** The inspection was conducted by Dean Jacobsen, Wisconsin Asbestos Inspector License No. 14370. Additional information on the inspection and results are contained in the following sections.

II. ASBESTOS INSPECTION

A. Methods

This asbestos inspection included a visual determination as to the extent of visible and accessible suspect materials in the building, sampling and documentation of any suspect materials, and quantification of observable and accessible positive materials existing within the spaces.

Bulk sampling involves inspecting all or part of a building (depending on the project scope) and identifying suspect asbestos containing materials. After suspect materials are identified, the inspector divides the building into homogeneous areas. Homogeneous areas contain materials that are alike in color, composition, age of installation, and any other aspect. If any differences are identified during the inspection, a separate homogeneous area is established.

The inspector then collected bulk samples based upon the type of material and quantity of material in the homogeneous area. Bulk samples were placed into resealable containers and sent to a laboratory certified under the National Voluntary Laboratory Accreditation Program (NVLAP) for analysis. Destructive sampling was not conducted where it would have adversely impacted suspect asbestos containing materials, to avoid damage and building contamination.

The results of the survey integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples taken are outlined in this document.

B. List of Suspect Asbestos Containing Materials

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Caulk
- Tar paper
- Window glazing compound
- Asphalt roof shingles
- Plaster
- Drywall/joint compound
- Floor tile
- Paper insulation
- Sink undercoat
- Linoleum
- Ceramic tile
- Fire brick
- Texture
- Blown in insulation
- Stair tread
- Ceiling tile
- Aircell pipe insulation

- Cardboard pipe insulation
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Samples and Results section following the results table.

C. The Laboratory

Samples were analyzed at SanAir Technologies Laboratory, Inc., Powhatan, Virginia, for total asbestos content by volume using EPA Method 600/M4/82/020, 600/R-93/116. Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Where the first sample of a homogeneous material contained more than 1% asbestos, the subsequent samples of that material were not analyzed.

Current regulations state asbestos containing materials (ACM) means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was done for samples that were near or less than 1% by PLM. Bold values indicate that the material contains more than 1% asbestos.

D. Samples and Results

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1A-616	Exterior – on northeast corner wall – white caulk	Negative	MCLKw
1B-616	Exterior – around west window – white caulk	Negative	MCLKw
1C-616	Exterior – around south window – white caulk	Negative	MCLKw
2A-616	Exterior – west wall under wood siding – tar paper	Negative	MPT
3A-616	Exterior – on west window – glazing compound	Negative	MPG
3B-616	2 nd floor – south bedroom – on south window – glazing compound	Negative	MPG
3C-616	Attic – on south window – glazing compound	Negative	MPG
4A-616a	House roof – northeast top layer – green asphalt shingle	Negative	MRSg
4A-616b	House roof – northeast bottom layer – black rubber membrane	Negative	MRM
4B-616a	House roof – west side top layer – green asphalt shingle	Negative	MRSg

Sample #	Location and Description	Results	Homogeneous Code
4B-616b	House roof – west side bottom layer – black rubber membrane	Negative	MRM
4C-616a	House roof – south side top layer – green asphalt shingle	Negative	MRSg
4C-616b	House roof – south side bottom layer – black rubber membrane	Negative	MRM
5A-616	1 st floor – northeast entry – east wall – plaster	Negative	SPI
5B-616	1 st floor – pantry – south wall – plaster	Negative	SPI
5C-616	1 st floor – family room – west wall – plaster	Negative	SPI
5D-616	2 nd floor – northeast bedroom – east wall – plaster	Negative	SPI
5E-616	2 nd floor – southeast bedroom – north wall – plaster	Negative	SPI
5F-616a	2 nd floor – master bedroom – west wall – plaster base coat	Negative	SPI
5F-616b	2 nd floor – master bedroom – west wall – plaster skim coat	Negative	SPI
5G-616	Attic – stair – south wall – plaster	Negative	SPI
6A-616a	Garage – ceiling patch – drywall	Negative	MDW
6A-616b	Garage – ceiling patch – joint compound	Negative	MDW
6B-616a	1 st floor – sun room – west wall – drywall	Negative	MDW
6B-616b	1 st floor – sun room – west wall – joint compound	Negative	MDW
6B-616c	1 st floor – sun room – west wall – joint compound layer 2	Negative	MDW
6C-616a	2 nd floor – master bedroom – north wall – drywall	Negative	MDW
6C-616b	2 nd floor – master bedroom – north wall – joint compound	Negative	MDW
6C-616c	2 nd floor – master bedroom – north wall – joint compound layer 2	Negative	MDW
7A-616	1 st floor – kitchen top layer – 16” black and cream floor tile	Negative	MF16kc
7B-616	1 st floor – kitchen closet top layer – 16” black and cream floor tile	Negative	MF16kc
7C-616	1 st floor – pantry top layer – 16” black and cream floor tile	Negative	MF16kc
8A-616a	1 st floor – kitchen 2 nd layer – green paper insulation	Negative	MPIg
8A-616b	1 st floor – kitchen 2 nd layer – leveling compound	Negative	MPIg
8A-616c	1 st floor – kitchen 2 nd layer – under green paper insulation – linoleum backing	Negative	MFLback
8B-616a	1 st floor – kitchen closet 2 nd layer – green paper insulation	Negative	MPIg
8B-616b	1 st floor – kitchen closet 2 nd layer – green paper insulation	Negative	MPIg
8C-616a	1 st floor – pantry 2 nd layer – under green paper insulation – linoleum backing	Negative	MFLback
8C-616b	1 st floor – pantry 2 nd layer – leveling compound	Negative	MPIg
9A-616	1 st floor – kitchen – on sink – gray undercoat	Negative	MSUy
10A-616	1 st floor – kitchen – on northwest wall under metal tiles – black mastic	Positive 5% Chrysotile	MWMk
11A-616a	1 st floor – living room east closet – black and red linoleum	Negative	MFLkr
11A-616b	1 st floor – living room east closet – under black and red linoleum – brown mastic	Negative	MFLkr
11B-616	2 nd floor – northeast bedroom under carpet – black and red linoleum	Negative	MFLkr
11C-616	2 nd floor – north center bedroom – black and red linoleum	Negative	MFLkr
12A-616a	1 st floor – sun room floor – red and beige ceramic tile	Negative	MCTMre
12A-616b	1 st floor – sun room floor – grout	Negative	MCTMre

Sample #	Location and Description	Results	Homogeneous Code
12A-616c	1 st floor – sun room floor – under red and beige ceramic tile – mortar	Negative	MCTMre
13A-616	1 st floor – family room – in fireplace – fire brick	Negative	TFB
14A-616	1 st floor – bathroom – on sink – cream caulk	Negative	MCLKc
15A-616a	1 st floor – bathroom floor – gray ceramic tile	Negative	MCTMy
15A-616b	1 st floor – bathroom floor – grout	Negative	MCTMy
15A-616c	1 st floor – bathroom floor – under gray ceramic tile – white mastic	Negative	MCTMy
16A-616	2 nd floor – east hall – east side on ceiling – texture	Negative	STX
16B-616	2 nd floor – east hall – west side on ceiling – texture	Negative	STX
16C-616	2 nd floor – east stair – on ceiling – texture	Negative	STX
17A-616a	2 nd floor – east utility room floor – white ceramic tile	Negative	MCTMw
17A-616b	2 nd floor – east utility room floor – grout	Negative	MCTMw
18A-616	2 nd floor – south bathroom – on tub – white caulk #2	Negative	MCLKw2
19A-616a	2 nd floor – south bathroom floor – white ceramic tile #2	Negative	MCTMw2
19A-616b	2 nd floor – south bathroom floor – grout	Negative	MCTMw2
19A-616c	2 nd floor – south bathroom floor – under white ceramic tile #2 - mortar	Negative	MCTMw2
20A-616a	2 nd floor – south bathroom – on west wall – white ceramic tile #3	Negative	MCTMw3
20A-616b	2 nd floor – south bathroom – on west wall – grout	Negative	MCTMw3
20A-616c	2 nd floor – south bathroom – on west wall – under white ceramic tile #3 – mortar	Negative	MCTMw3
21A-616	2 nd floor – southwest office – gray linoleum	Negative	MFLy
22A-616a	2 nd floor – master bedroom – on shower – tan ceramic tile	Negative	MCTMt
22A-616b	2 nd floor – master bedroom – on shower – grout	Negative	MCTMt
22A-616c	2 nd floor – master bedroom – on shower – under tan ceramic tile – mortar	Negative	MCTMt
22A-616d	2 nd floor – master bedroom – on shower – under mortar – white mastic	Negative	MCTMt
23A-616a	2 nd floor – master bedroom floor – gray and brown ceramic tile	Negative	MCTMyn
23A-616b	2 nd floor – master bedroom floor – grout	Negative	MCTMyn
23A-616c	2 nd floor – master bedroom floor – under gray and brown ceramic tile – mortar	Negative	MCTMyn
24A-616	2 nd floor – north center bedroom floor – on west wall under wood panel – tan mastic	Negative	MPMt
25A-616	Attic – east room – tan/red/white linoleum	Negative	MFLtrw
26A-616	Attic – east room – tan and brown	Negative	MFLtn
27A-616	Attic – under floor – blown in insulation	Negative	MBI
28A-616	2 nd floor – west stair under carpet – tan and gray linoleum	Negative	MFLty
28A-616	2 nd floor – west stair under carpet – under tan and gray linoleum – backing	Negative	MFLty
29A-616	Basement – stair on steps – brown tread	Negative	MSTn
30A-616	Basement – west room – west side – 2' x 4' ceiling tile	Negative	MSCT24
30B-616	Basement – west room – center – 2' x 4' ceiling tile	Negative	MSCT24
30C-616	Basement – west room – east side – 2' x 4' ceiling tile	Negative	MSCT24
31A-616	Basement – west room – on northwest wall – plaster #2	Negative	SPI2
31B-616	Basement – southeast room – on east wall – plaster #2	Negative	SPI2
31C-616	Basement – northeast room – on south wall – plaster #2	Negative	SPI2
32A-616	Basement – northeast room - <5" diameter aircell pipe insulation	Positive 40% Chrysotile	TA5

Sample #	Location and Description	Results	Homogeneous Code
33A-616	Basement – west room - <5" diameter cardboard pipe insulation	Positive 35% Chrysotile	TC5
34A-616	Shed – bathroom east wall – plaster #3	Negative	SP13
34B-616	Shed – entry north wall – plaster #3	Negative	SP13
34C-616	Shed – west room west wall – plaster #3	Negative	SP13

Homogeneous Material Codes

SP1	Plaster
SP12	Plaster Basement
SP13	Plaster Shed
STX	Texture
MCLKw	White Caulk Exterior
MCLKw2	White Caulk Bathroom
MCLKc	Cream Caulk
MPT	Tar Paper
MPG	Window Glazing Compound
MRSg	Green Asphalt Shingle
MRM	Roof Membrane
MDW	Drywall/Joint Compound
MF16kc	16" Black & Cream Floor Tile
MPIg	Green Paper Insulation
MSUy	Gray Sink Undercoat
MWMk	Black Mastic Under Metal Wall Tiles
MPMt	Tan Wall Panel Mastic
MFLkr	Black & Red Linoleum
MFLy	Gray Linoleum
MFLtrw	Tan/Red/White Linoleum
MFLtn	Tan & Brown Linoleum
MFLty	Tan & Gray Linoleum
MFLback	Linoleum Backing
MCTMre	Red & Beige Ceramic Tile
MCTMy	Gray Ceramic Tile
MCTMw	White Ceramic Tile Utility Room
MCTMw2	White Ceramic Tile Bathroom Floor
MCTMw3	White Ceramic Tile Bathroom Wall
MCTMt	Tan Ceramic Tile
MCTMyn	Gray & Brown Ceramic Tile
MBI	Blown in Insulation
MSTn	Brown Stair Tread
MSCT24	2' x 4' Ceiling Tile
TFB	Fire Brick
TA5	<5" Diameter Aircell Pipe Insulation
TC5	<5" Diameter Cardboard Pipe Insulation

E. Asbestos Locations and Quantities

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Black Mastic Under Metal Wall Tiles	MWMk	Kitchen Walls	20 SF	Category II Non-Friable

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
<5" Diameter Aircell Pipe Insulation	TA5	Basement All Rooms Assumed Within 1 st Floor & 2 nd Floor Walls	450 LF 280 LF	Friable
<5" Diameter Cardboard Pipe Insulation	TC5	Basement West Room	60 LF	Friable

The aircell and cardboard are friable asbestos containing materials. They meet the definition of regulated asbestos containing material (RACM) as defined in NR 447. The black wall mastic is a category II non-friable asbestos containing material and may become RACM during demolition. NR 447.08 requires the building owner or operator to remove all RACM from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building.

NR 447 requires the building owner or operator to notify the Wisconsin Department of Natural Resources at least 10 business days prior to the start of any demolition activities, including abatement, by sending in Form 4500-113 or by online notification.

Note#1: If additional materials or quantities are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

Note#2: A copy of this report should be transmitted to the demolition contractor.

Note#3: Additional aircell and cardboard may be within walls and ceilings.

III. UNIVERSAL WASTES

Universal waste includes items that contain or may contain materials such as mercury, polychlorinated biphenyls (PCB), refrigerants such as Freon and chlorofluorocarbons (CFC), and fuels. The following universal wastes and suspect universal wastes were identified in the buildings:

Material	Location	Approximate Quantity
Thermostat-Mercury	1 st Floor Sun Room	1
Fluorescent Light Bulbs-Mercury	2 nd Floor Master Bathroom, Basement	9
Fluorescent Light Ballasts-PCB	Basement	1

No samples were collected. Removal and proper disposal prior to demolition is recommended.

IV. EXCLUSIONS

This report represents the condition of the house, garage, and shed and the visible/accessible materials at the date and the times of the onsite inspection. Areas and materials that were hidden or not fully accessible are excluded, including most areas within walls and floors and above ceilings. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Hidden materials or those materials that could not be accessed at the

point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

V. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. The findings and conclusions of KPH represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the building inspection. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that KPH be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the Wisconsin Department of Transportation. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from KPH Environmental Corp.

APPENDICES

NOT FOR BIDDING PURPOSES

A. ASBESTOS LABORATORY RESULTS

NOT FOR BIDDING PURPOSES



SanAir ID Number

21020369

FINAL REPORT

5/6/2021 9:46:27 AM

Name: KPH Environmental Corp.

Address: 1237 West Bruce Steet

Milwaukee, WI 53204

Phone: 414-647-1530

Project Number: 21-400-114.616

P.O. Number:

Project Name: WDOT

Collected Date: 4/26/2021

Received Date: 4/28/2021 9:50:00 AM

Dear Dean Jacobsen,

We at SanAir would like to thank you for the work you recently submitted. The 62 sample(s) were received on Wednesday, April 28, 2021 via FedEx. The final report(s) is enclosed for the following sample(s): 1A, 1B, 1C, 2A, 3A, 3B, 3C, 4A, 4B, 4C, 5A, 5B, 5C, 5D, 5E, 5F, 5G, 6A, 6B, 6C, 7A, 7B, 7C, 8A, 8B, 8C, 9A, 10A, 11A, 11B, 11C, 12A, 13A, 14A, 15A, 16A, 16B, 16C, 17A, 18A, 19A, 20A, 21A, 22A, 23A, 24A, 25A, 26A, 27A, 28A, 29A, 30A, 30B, 30C, 31A, 31B, 31C, 32A, 33A, 34A, 34B, 34C.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 62 samples in Good condition.



SanAir ID Number

21020369

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Name: KPH Environmental Corp.
Address: 1237 West Bruce Street
Milwaukee, WI 53204
Phone: 414-647-1530

Project Number: 21-400-114.616**P.O. Number:****Project Name:** WDOT**Collected Date:** 4/26/2021**Received Date:** 4/28/2021 9:50:00 AM

Analyst: Childress, Susan | Hogrefe, Sarah | Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
1A / 21020369-001	White Non-Fibrous Homogeneous		100% Other	None Detected
1B / 21020369-002	White Non-Fibrous Homogeneous		100% Other	None Detected
1C / 21020369-003	White Non-Fibrous Homogeneous		100% Other	None Detected
2A / 21020369-004	Black Fibrous Homogeneous	65% Cellulose	35% Other	None Detected
3A / 21020369-005	White Non-Fibrous Homogeneous		100% Other	None Detected
3B / 21020369-006	White Non-Fibrous Homogeneous		100% Other	None Detected
3C / 21020369-007	White Non-Fibrous Homogeneous		100% Other	None Detected
4A / 21020369-008 , Shingle	Green Non-Fibrous Heterogeneous	10% Glass	90% Other	None Detected
4A / 21020369-008 , Membrane	Black Non-Fibrous Homogeneous		100% Other	None Detected
4B / 21020369-009 , Shingle	Green Non-Fibrous Heterogeneous	10% Glass	90% Other	None Detected

Analyst: *Susan P. Childress* Approved Signatory: *[Signature]*

Analysis Date: 5/6/2021

Date: 5/6/2021



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Analyst: Childress, Susan | Hogrefe, Sarah | Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
4B / 21020369-009 , Membrane	Black Non-Fibrous Homogeneous		100% Other	None Detected
4C / 21020369-010 , Shingle	Green Non-Fibrous Heterogeneous	10% Glass	90% Other	None Detected
4C / 21020369-010 , Membrane	Black Non-Fibrous Homogeneous		100% Other	None Detected
5A / 21020369-011	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
5B / 21020369-012	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
5C / 21020369-013	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
5D / 21020369-014	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
5E / 21020369-015	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
5F / 21020369-016 , Plaster	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
5F / 21020369-016 , Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: *Susan P. Childress*

Approved Signatory:

Analysis Date: 5/6/2021

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
5G / 21020369-017	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
6A / 21020369-018 , Drywall	White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
6A / 21020369-018 , Texture	White Non-Fibrous Homogeneous		100% Other	None Detected
6B / 21020369-019 , Drywall	White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
6B / 21020369-019 , Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
6B / 21020369-019 , Texture	White Non-Fibrous Homogeneous		100% Other	None Detected
6C / 21020369-020 , Drywall	White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
6C / 21020369-020 , Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
6C / 21020369-020 , Texture	White Non-Fibrous Homogeneous		100% Other	None Detected
7A / 21020369-021	Grey Fibrous Heterogeneous	95% Cellulose	5% Other	None Detected

Analyst: *Susan P. Childress*

Approved Signatory:

Analysis Date: 5/6/2021

Date: 5/6/2021



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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7B / 21020369-022	Grey Fibrous Heterogeneous	95% Cellulose	5% Other	None Detected
7C / 21020369-023	Grey Fibrous Heterogeneous	95% Cellulose	5% Other	None Detected
8A / 21020369-024 , Foam	Blue Non-Fibrous Homogeneous		100% Other	None Detected
8A / 21020369-024 , Leveler	Grey Non-Fibrous Homogeneous		100% Other	None Detected
8A / 21020369-024 , Backing	Green Fibrous Homogeneous	99% Cellulose	1% Other	None Detected
8B / 21020369-025 , Foam	Blue Non-Fibrous Homogeneous		100% Other	None Detected
8B / 21020369-025 , Vapor Barrier	Black Fibrous Homogeneous	65% Cellulose	35% Other	None Detected
8C / 21020369-026 , Foam	Blue Non-Fibrous Homogeneous		100% Other	None Detected
8C / 21020369-026 , Leveler	Grey Non-Fibrous Homogeneous		100% Other	None Detected
9A / 21020369-027	Grey Non-Fibrous Homogeneous	15% Cellulose	85% Other	None Detected

Analyst: Susan P. Childress

Approved Signatory:

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
10A / 21020369-028	Black Non-Fibrous Homogeneous		95% Other	5% Chrysotile
11A / 21020369-029 , Linoleum	Black Non-Fibrous Heterogeneous	35% Cellulose	65% Other	None Detected
11A / 21020369-029 , Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected
11B / 21020369-030	Black Non-Fibrous Heterogeneous	35% Cellulose	65% Other	None Detected
11C / 21020369-031	Black Non-Fibrous Heterogeneous	35% Cellulose	65% Other	None Detected
12A / 21020369-032 , Brick	Red Non-Fibrous Homogeneous		100% Other	None Detected
12A / 21020369-032 , Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
12A / 21020369-032 , Mortar	Grey Non-Fibrous Homogeneous		100% Other	None Detected
13A / 21020369-033	Grey Non-Fibrous Homogeneous		100% Other	None Detected
14A / 21020369-034	White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

Analyst: *Susan P. Childress*

Approved Signatory: *[Signature]*

Analysis Date: 5/6/2021

Date: 5/6/2021



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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
15A / 21020369-035 , Ceramic Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
15A / 21020369-035 , Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
15A / 21020369-035 , Mastic	White Non-Fibrous Homogeneous		100% Other	None Detected
16A / 21020369-036	White Non-Fibrous Homogeneous		100% Other	None Detected
16B / 21020369-037	White Non-Fibrous Homogeneous		100% Other	None Detected
16C / 21020369-038	White Non-Fibrous Homogeneous		100% Other	None Detected
17A / 21020369-039 , Ceramic Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
17A / 21020369-039 , Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
18A / 21020369-040	White Non-Fibrous Homogeneous		100% Other	None Detected
19A / 21020369-041 , Ceramic Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: *Susan P. Childress*

Approved Signatory:

Analysis Date: 5/6/2021

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Analyst: Childress, Susan | Hogrefe, Sarah | Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
19A / 21020369-041 , Grout	White Non-Fibrous Homogeneous		100% Other	None Detected
19A / 21020369-041 , Mortar	Grey Non-Fibrous Homogeneous		100% Other	None Detected
20A / 21020369-042 , Ceramic Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
20A / 21020369-042 , Grout	White Non-Fibrous Homogeneous		100% Other	None Detected
20A / 21020369-042 , Mortar	Grey Non-Fibrous Homogeneous		100% Other	None Detected
21A / 21020369-043	Black Non-Fibrous Homogeneous	15% Cellulose	85% Other	None Detected
22A / 21020369-044 , Ceramic Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
22A / 21020369-044 , Grout	Beige Non-Fibrous Homogeneous		100% Other	None Detected
22A / 21020369-044 , Mortar	White Non-Fibrous Homogeneous		100% Other	None Detected
22A / 21020369-044 , Mastic	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: *Susan P. Childress*

Approved Signatory:

Analysis Date: 5/6/2021

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
23A / 21020369-045 , Ceramic Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
23A / 21020369-045 , Grout	Beige Non-Fibrous Homogeneous		100% Other	None Detected
23A / 21020369-045 , Mortar	Grey Non-Fibrous Homogeneous		100% Other	None Detected
24A / 21020369-046	Yellow Non-Fibrous Homogeneous	6% Cellulose	94% Other	None Detected
25A / 21020369-047	Brown Non-Fibrous Homogeneous	40% Cellulose	60% Other	None Detected
26A / 21020369-048	Brown Non-Fibrous Homogeneous	40% Cellulose	60% Other	None Detected
27A / 21020369-049	White Fibrous Homogeneous	90% Glass	10% Other	None Detected
28A / 21020369-050 , Vinyl/Mastic	Various Non-Fibrous Heterogeneous	30% Cellulose 5% Glass	65% Other	None Detected
28A / 21020369-050 , Backing	Black Fibrous Homogeneous	50% Cellulose	50% Other	None Detected
29A / 21020369-051	Brown Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: Susan P. Childress Approved Signatory:

Analysis Date: 5/6/2021

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Analyst: Childress, Susan | Hogrefe, Sarah | Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
30A / 21020369-052	White Fibrous Homogeneous	45% Cellulose 20% Glass	35% Other	None Detected
30B / 21020369-053	White Fibrous Homogeneous	45% Cellulose 20% Glass	35% Other	None Detected
30C / 21020369-054	White Fibrous Homogeneous	45% Cellulose 20% Glass	35% Other	None Detected
31A / 21020369-055	Grey Non-Fibrous Homogeneous		100% Other	None Detected
31B / 21020369-056	Grey Non-Fibrous Homogeneous		100% Other	None Detected
31C / 21020369-057	Grey Non-Fibrous Homogeneous		100% Other	None Detected
32A / 21020369-058	Beige Fibrous Homogeneous	45% Cellulose	15% Other	40% Chrysotile
33A / 21020369-059	Brown Fibrous Homogeneous	40% Cellulose	25% Other	35% Chrysotile
34A / 21020369-060	Grey Non-Fibrous Homogeneous	< 1% Cellulose < 1% Hair	100% Other	None Detected
34B / 21020369-061	Grey Non-Fibrous Homogeneous	< 1% Cellulose < 1% Hair	100% Other	None Detected

Analyst:

Susan P. Childress

Approved Signatory:

[Signature]

Analysis Date: 5/6/2021

Date: 5/6/2021



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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
34C / 21020369-062	Grey Non-Fibrous Homogeneous	< 1% Cellulose < 1% Hair	100% Other	None Detected

Analyst: *Susan P. Childress*

Approved Signatory:

Analysis Date: 5/6/2021

Date: 5/6/2021

Disclaimer

This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The final report shall not be reproduced except in full without written approval of the laboratory to assure that parts of the report are not taken out of context. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition in which they arrived at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, po number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted on the report. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any other U.S. governmental agencies and may not be certified by every local, state, and federal regulatory agencies.

Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations.

For NY state samples, method EPA 600/M4-82-020 is performed.

NYELAP Disclaimer:

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Certifications

NVLAP lab code 200870-0

City of Philadelphia: ALL-460

PA Department of Environmental Protection Number: 68-05397

California License Number: 2915

Colorado License Number: AL-23143

Connecticut License Number: PH-0105

Massachusetts License Number: AA000222

Maine License Number: LB-0075, LA-0084

New York ELAP lab ID: 11983

Rhode Island License Number: PCM00126, PLM00126, TEM00126

Texas Department of State Health Services License Number: 300440

Commonwealth of Virginia 3333000323

Washington State License Number: C989

West Virginia License Number: LT000616

Vermont License: AL166318

Louisiana Department of Environmental Quality: 212253, Cert 05088

Revision Date: 8/14/2020



1551 Oakbridge Dr. STE B
Powhatan, VA 23139
804.897.1177 / 888.895.1177
Fax 804.897.0070
sanair.com

Asbestos
Chain of Custody
Form 140, Rev 3, 8/28/19

SanAir ID Number

21020309

Company: KPH Environmental Corp.		Project #: 21-400-114-616	Collected by:
Address: 1237 West Bruce Street		Project Name: WDOT	Phone #: (414) 647-1530
City, St., Zip: Milwaukee, WI 53204		Date Collected: 4/26/21	Fax #: (414) 647-1540
State of Collection: WI	Account #: 3905	P.O. Number:	Email: dean.jacobsen@kphenvironmental.com

Bulk		Air		Soil	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop <input checked="" type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	Vermiculite & Soil	
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABBEN	PLM EPA NOB** <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBCH	TEM Chatfield** <input type="checkbox"/>	Other:	<input type="checkbox"/>	Dust	
ABBTM	TEM EPA NOB** <input type="checkbox"/>			ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
ABQ	PLM Qualitative <input type="checkbox"/>	New York ELAP		ABDMV	TEM Microvac ASTM D-5755 <input type="checkbox"/>
		ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	Matrix	
		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>	Other	
		ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>		

** Available on 24-hr. to 5-day TAT

Water	ABHE	EPA 100.2 <input type="checkbox"/>
-------	------	------------------------------------

Turn Around Times	3 HR (4 HR TEM) <input type="checkbox"/>	6 HR (8HR TEM) <input type="checkbox"/>	12 HR <input type="checkbox"/>	1 Day <input type="checkbox"/>
	<input type="checkbox"/> 2 Days	<input type="checkbox"/> 3 Days	<input type="checkbox"/> 4 Days	<input checked="" type="checkbox"/> 5 Days

Special Instructions					
Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start - Stop Time*
1A					
1B					
1C					
2A					
3A					
3B					
3C					
4A					
4B					
4C					
5A					
5B					

Relinquished by	Date	Time	Received by	Date	Time
SanAir	4/27/21	1600	me	4/28/21	9:50am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

21020369

Form 140, Revision 1, 1/20/2017

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start - Stop Time*
5C					
5D					
5E					
5F					
5G					
6A					
6B					
6C					
7A					
7B					
7C					
8A					
8B					
8C					
9A					
10A					
11A					
11B					
11C					
12A					
13A					
14A					
15A					
16A					
16B					
16C					
17A					
18A					
19A					
20A					
21A					

Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
<i>Janjen</i>	4/27/21	1:00	<i>me</i>	4/28/21	9:50am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

Page 2 of 3

Form 140, Revision 1, 1/20/2017

[illegible]

Special Instructions

Relinquished by <i>[Signature]</i>	Date 4/27/21	Time 1600	Received by <i>[Signature]</i>	Date 4/28/21	Time 9:00am
---------------------------------------	-----------------	--------------	-----------------------------------	-----------------	----------------

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

B. KPH CERTIFICATION

NOT FOR BIDDING PURPOSES

Company Certificate

This certifies that

KPH ENVIRONMENTAL CORPORATION

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis. Adm. Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/16/2020
Expiration Date: 09/10/2022, 12:01 a.m.
Certification #: CAP-1432180

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Miriam Hasan
Miriam Hasan, Unit Supervisor

Tony Evers
Governor

Karen E Timberlake
Secretary



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET ROOM 250
MADISON WI 53703-3445

Fax: 608-267-2832
TTY: 711 or 800-947-3529

April 13, 2021

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

Congratulations! Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

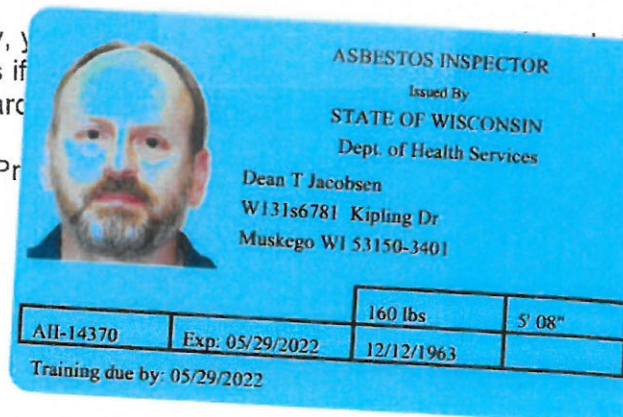
Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos Online Certification website, www.dhs.wisconsin.gov/waldo, or by mailing a note to:

Lead and Asbestos Section
1 W. Wilson St., Room 137
P.O. Box 2659
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
 - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.
Find asbestos training providers at www.dhs.wisconsin.gov/asbestos.
 - o Lead-certified individuals can refresh up to **1 year** before the due date.
Find lead training providers at www.dhs.wisconsin.gov/lead.
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at www.dhs.wisconsin.gov/lead or www.dhs.wisconsin.gov/asbestos.
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you assume a professional responsibility. Contact us if you have questions below and on the back of your blue card.

The Lead and Asbestos Certification Program
(608) 261-6876
DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead



Exhibits

ID 1229-04-24 #7

Removal, Grading, Backfill

Site Diagram

Photos

*Taken from appraisal done by Metropolitan Appraisals

Clearing and Grubbing

Location Map

Asbestos Inspection and Abatement Report

REMOVE: One story, 2,424 SF single family house with two car attached garage and a two-car detached garage. Garden shed, deck, concrete patio, access walks, curbs, steps, and asphalt driveway if applicable. Miscellaneous fencing, any and all other relevant surrounding improvements and debris, if present. Asbestos, if present, must be removed pursuant to Article 15 of the Special Provisions.

CLEARING AND GRUBBING: Clearing and grubbing of all trees, shrubs, retaining walls shall be done within the property lines as shown in the exhibits.


GRADING: As directed by the State Department of Transportation inspector. Reference Special Provisions - Article 2 – Item #6.

Floor Plan/Site Diagram – Following Page(s)

BACKFILL: Reference Special Provisions – Article 2 – Item #5.

SUBJECT AERIAL



 Property Boundary

ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI

PHOTOS OF THE SUBJECT



1.) Front elevation



2.) Rear elevation



3.) Backyard landscaping



4.) Additional 2-car garage

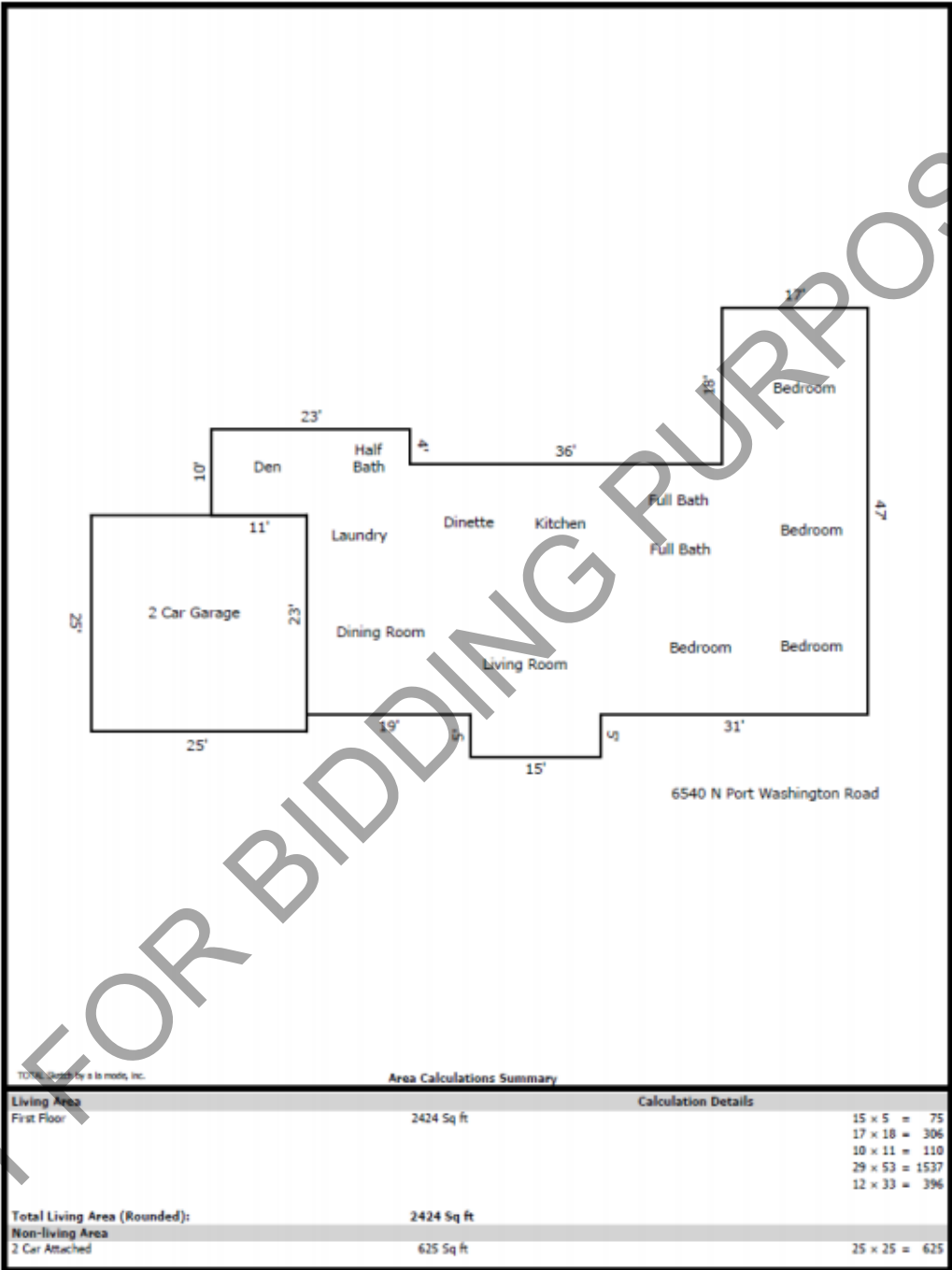


5.) Rear elevation



6.) Street scene

BUILDING SKETCH



DESCRIPTION OF IMPROVEMENTS

The following improvements description summary is based on an interior inspection as well as review of assessment records, and aerial photographs. A floorplan and photographs of the subject are included on the foregoing pages.

Year built:	1963
Number of stories:	Ranch
Above grade square feet:	2,424 square feet (based on the appraiser's measurements)
Bedrooms (above grade):	4
Baths (above grade):	2 full, 1 half
Below grade square feet:	2,424 square feet
Below grade finished area:	800 +/- square feet including recreation room with dry bar and half bath
Building frame:	Wood
Roof type:	Asphalt shingle
Exterior:	Brick
Heating:	Forced air gas furnace
Cooling:	Central air
Garage:	Attached 2-car and detached 2-car
Fuel type:	Natural gas
Electrical:	Adequate
Hot water heater	Gas
Porch/deck/patios:	Large deck, patio, garden shed
Driveway:	Asphalt
Landscaping:	Extensive, high-quality
Other:	Gas fireplace
Condition:	The interior of the property was in overall average condition with newer windows, roof, air-conditioning and granite kitchen countertops reported.
Quality of Construction:	Average interior and exterior finishes

INTERIOR PHOTOS



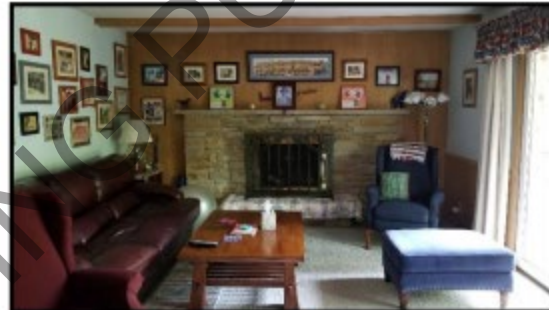
1.) Dining room



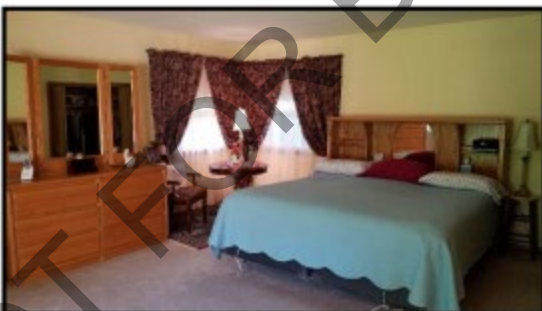
2.) Living room



3.) Kitchen



4.) Den



5.) Master bedroom



6.) Recreation room and bar

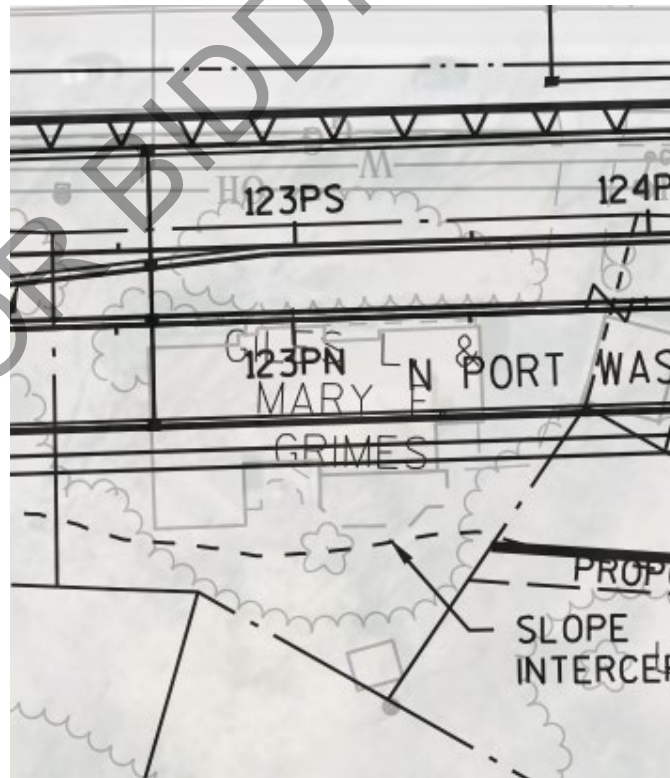
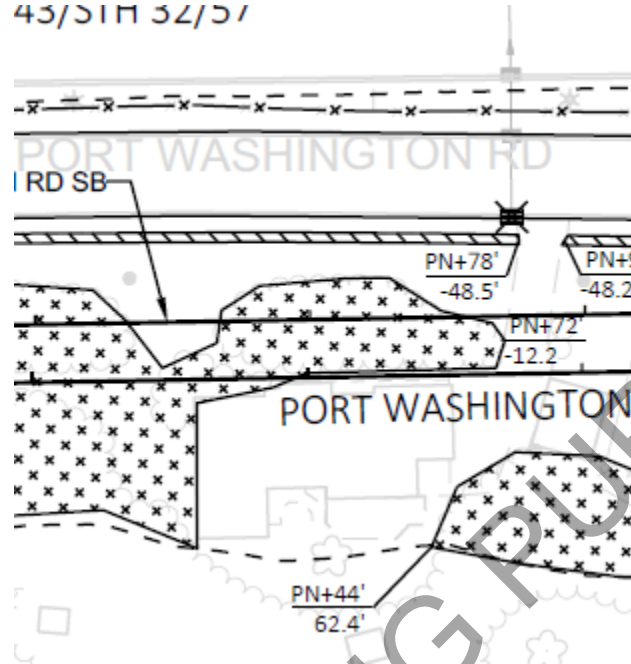


July 21, 2020

ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI

CLEARING AND GRUBBING

43/51M 32/51



ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI



ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI

NOT FOR BIDDING PURPOSES



Asbestos-Containing Material and Pre-Demolition Reconnaissance

**6540 N. Port Washington Rd (Parcel 7)
Glendale, Milwaukee County,
Wisconsin**

June 2021

A handwritten signature in black ink, appearing to read "Tom Perkins", written over a horizontal line.

Tom Perkins
WDHFS Asbestos Inspector, All-252595

WisDOT Project #1229-04-24

Prepared For:

Wisconsin Department of Transportation

Prepared By:

TRC
708 Heartland Trail, Suite 3000
Madison, Wisconsin 53717

A handwritten signature in blue ink, appearing to read "Daniel Haak", written over a horizontal line.

Daniel Haak, P.E.
Project Manager

TABLE OF CONTENTS

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3.0 ACM ABATEMENT	2
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3.3 ACM Removal Plans	3
4.0 CONCLUSIONS AND RECOMMENDATIONS	3

TABLES

Table 1: Asbestos Survey Log and Bulk Asbestos Analytical Results

FIGURES

Figure 1: Site Location Map

Figure 2: Sampling Location Maps

APPENDICES

Appendix A: Photographs

Appendix B: Laboratory Analytical Results

COMMONLY USED ABBREVIATIONS AND ACRONYMS

AST	aboveground storage tank
bgs	below ground surface
BRRTS	Bureau for Remediation and Redevelopment Tracking System
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CTH	County Trunk Highway
CY	cubic yards
DATCP	Department of Agriculture, Trade and Consumer Protection
DRO	diesel range organics
FDM	Facilities Development Manual
EMP	Excavation Management Plan
ERP	Environmental Repair Program
ES	Enforcement Standards
ESA	Environmental Site Assessment
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
GIS Registry	WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites
GRO	gasoline range organics
HAZWOPER	Code of Federal Registry Chapter 29 (29 CFR) Part 1910.120 Hazardous Waste Operations and Emergency Response
HMA	Hazardous Materials Assessment
IH	Interstate Highway
LQG	large quantity generator
LUST	leaking underground storage tank
NPL	National Priorities List
NR ###	Wisconsin Administrative Code (WAC) Natural Resources (NR) Chapter ###
PAHs	polynuclear aromatic hydrocarbons
PAL	Preventive Action Limits
PCBs	polychlorinated biphenyls
PCE	perchloroethylene/tetrachloroethylene
PID	photoionization detector
PVOCs	petroleum volatile organic compounds
RCLs	Residual Contaminant Levels in NR 720
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
R/W or ROW	right-of-way
sf	square feet
STH	State Trunk Highway
TCE	trichloroethylene
TRIS	Toxic Chemical Release Inventory System
USGS	United States Geological Survey
USH	United States Highway
UST	underground storage tank
VOCs	volatile organic compounds
WDNR	Wisconsin Department of Natural Resources
WisDOT	Wisconsin Department of Transportation
WGNHS	Wisconsin Geological and Natural History Survey
WI ERP	Wisconsin Environmental Repair Program database

Executive Summary

The WisDOT has acquired the property at 6540 N. Port Washington Road (Parcel 7) in Glendale, Milwaukee County, Wisconsin. The property contains a house with attached garage, a detached garage, and shed that will be demolished and the site cleared.

TRC Environmental Corporation (TRC) has been contracted by the WisDOT to perform an asbestos-containing materials (ACM) delineation inspection of the property, in order to identify asbestos that must be removed prior to demolition of the buildings.

The following Category I non-friable ACM is present:

- Approximately 180 square feet of tan mosaic/gray linoleum with brown mastic on the floor in the den
- Approximately 380 square feet of cream/tan/gray linoleum on the north hallway and kitchen floors
- Approximately 500 square feet of yellow mastic on the gray/stone pattern linoleum on the basement floor

The asbestos must be properly removed and disposed of during the demolition of the buildings and site clearing of the property.

1.0 Background

1.1 Introduction

The WisDOT has acquired the property at 6540 N. Port Washington Road (Parcel 7) in Glendale, Milwaukee County, Wisconsin. The property contains house with attached garage, a detached garage, and shed that will be demolished and the site cleared.

TRC has been contracted by the WisDOT to perform an ACM delineation inspection of the property, in order to identify asbestos that must be removed prior to demolition of the buildings.

1.2 ACM Inspection

On June 3, 2021, TRC conducted an asbestos inspection of the property in order to determine the extent of ACM in the buildings, and to identify any ACM that would require management during demolition. This was accomplished by identifying, sampling, characterizing, quantifying, and laboratory-analyzing potential ACM.

2.0 ACM Delineation

2.1 ACM Sampling

TRC conducted an ACM survey of the buildings on June 3, 2021. Samples of suspect ACM were collected for laboratory analysis in accordance with the United States Environmental Protection Agency's (USEPA's) Asbestos Hazardous Emergency Response Act (AHERA) 40 CFR Part 763, Subpart E, as indicated in WDNR and Occupational Safety and Health Administration (OSHA) regulations. A minimum of three randomly distributed samples of each type of material identified as homogeneous (same type, color, and age of application) were collected by Tom Perkins, WDHFS Asbestos Inspector #AII-252595. If there was any reason to suspect that the materials might be different, those materials were sampled separately. Samples were collected by hand using hammers, chisels, and utility knives. Sufficient water was applied before and during sample collection to prevent the generation of airborne particulate as a result of sampling activities.

A total of 123 samples were collected during the June sampling event and analyzed for the presence of ACM. Materials sampled included: shingles, roofing paper, roofing sealant, window glaze, window caulk, insulation, carpet, carpet pad, vinyl adhesive, vinyl countertop, mastic, linoleum, laminate flooring, laminate floor pad, paper backing, tile adhesive, tile, and drywall. See Appendix A for photographs and Figure 2 for sample locations.

Collected samples were analyzed by TRC Solutions, Inc. (TRC) in Windsor, Connecticut. Samples were analyzed on a 24 hour turnaround basis using polarized light microscopy (PLM) with dispersion staining techniques. Once one sample of a homogeneous material tested positive for asbestos, the remaining samples of that material were not analyzed.

2.2 ACM Sampling Results

The locations and types of the material sampled, the collection date, the sample number, and the condition of the material are presented in Table 1 (Asbestos Survey Log and Bulk Asbestos Analytical Results). Photographs showing representative sampled materials can be found in Appendix A. TRC's laboratory analysis reports are included in Appendix B.

The following Category I non-friable ACM is present:

- Approximately 180 square feet of tan mosaic/gray linoleum with brown mastic on the floor in the den
- Approximately 380 square feet of cream/tan/gray linoleum on the north hallway and kitchen floors
- Approximately 500 square feet of yellow mastic on the gray/stone pattern linoleum on the basement floor

3.0 ACM Abatement

3.1 Summary of ACM

The following Category I non-friable ACM is present:

- Approximately 180 square feet of tan mosaic/gray linoleum with brown mastic on the floor in the den
- Approximately 380 square feet of cream/tan/gray linoleum on the north hallway and kitchen floors
- Approximately 500 square feet of yellow mastic on the gray/stone pattern linoleum on the basement floor

3.2 Regulatory Discussion

Friable ACM is any material containing more than 1 percent asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. Non-friable ACM is any material containing more than 1 percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. The EPA also defines two categories of non-friable ACM, Category I and Category II non-friable ACM as follows:

- Category I non-friable ACM is any asbestos-containing packing, gasket, resilient floor covering, mastic, or asphalt roofing product that contains more than 1 percent asbestos.
- Category II non-friable ACM is any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

RACM is (a) friable asbestos material; (b) Category I non-friable ACM that has become friable; (c) Category I non-friable ACM that will be, or has been, subjected to sanding, grinding, cutting or abrading; or (d) Category II non-friable ACM that has a high probability of becoming, or has

become, crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition operations.

Both the USEPA's and the WDNR's regulations mandate the removal of regulated ACM prior to demolition. ACM need not be removed before demolition if it is a Category I non-friable ACM that is not friable or a Category II non-friable ACM and the probability is low that the material will become crumbled, pulverized, or reduced to powder during demolition. Additionally, all asbestos-containing debris must be handled, transported, and disposed in accordance with the ACM regulations. If ACM is commingled with the demolition debris, the entire pile must be considered to be asbestos-containing material and managed accordingly. This requires disposal in a landfill licensed to accept ACM waste.

Both OSHA and the USEPA regulate the potential health hazards associated with ACM abatement. The USEPA regulates ACM from a general health perspective. USEPA regulations contain language related to many aspects of ACM management, including visible emissions, licensing of workers, disposal, testing, inspections, and site management. OSHA regulations deal with worker exposure on the job and with the methodology to safely handle ACM. The State of Wisconsin regulations incorporate both OSHA and USEPA regulations, and mirror the federal regulations almost exactly. In a few cases, the practice of compliance with Wisconsin regulations is more restrictive than the federal interpretation.

3.3 ACM Removal Plans

All regulated ACM is required to be removed prior to demolition. It will be up to the demolition contractor and their asbestos abatement contractor to determine if the method of demolition will cause any non-friable ACM to become friable. If so, that material would be considered RACM and will be required to be removed prior to demolition. All demolition waste that is commingled with the non-friable asbestos-containing material will be required to be managed as asbestos-containing waste and disposed of at a solid waste landfill permitted to accept such waste.

4.0 Conclusions and Recommendations

The following Category I non-friable ACM is present:

- Approximately 180 square feet of tan mosaic/gray linoleum with brown mastic on the floor in the den
- Approximately 380 square feet of cream/tan/gray linoleum on the north hallway and kitchen floors
- Approximately 500 square feet of yellow mastic on the gray/stone pattern linoleum on the basement floor

The asbestos must be properly removed and disposed of during the demolition of the buildings and site clearing of the property.

Table 1 - Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
 Name: 6540 N. Port Washington Rd (Parcel 7)
 Location: Glendale, Milwaukee County
 Project ID: 1229-04-24

Project Number: 441233.0000.0000
 Sample Collection Date: June 3, 2021
 Samples Collected By: Tom Perkins
 Asbestos Inspector Number: AII-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P-7-1	Detached garage exterior-around windows	Window glaze	White	Good	PLM, non-detect	--	0
P-7-2	Detached garage exterior-around windows	Window glaze	White	Good	PLM, non-detect	--	
P-7-3	Detached garage exterior-around windows	Window glaze	White	Good	PLM, non-detect	--	
P-7-4	Detached garage roof	Shingles	Brown/black	Good	PLM, non-detect	--	0
P-7-5	Detached garage roof	Shingles	Brown/black	Good	PLM, non-detect	--	
P-7-6	Detached garage roof	Shingles	Brown/black	Good	PLM, non-detect	--	
P-7-7	Detached garage roof	Roofing paper	Black	Good	PLM, non-detect	--	0
P-7-8	Detached garage roof	Roofing paper	Black	Good	PLM, non-detect	--	
P-7-9	Detached garage roof	Roofing paper	Black	Good	PLM, non-detect	--	
P-7-10	Shed roof	Shingles-top layer	Brown/black	Good	PLM, non-detect	--	0
P-7-11	Shed roof	Shingles-top layer	Brown/black	Good	PLM, non-detect	--	
P-7-12	Shed roof	Shingles-top layer	Brown/black	Good	PLM, non-detect	--	
P-7-13	Shed roof	Shingles-bottom layer	Brown/black	Good	PLM, non-detect	--	0
P-7-14	Shed roof	Shingles-bottom layer	Brown/black	Good	PLM, non-detect	--	
P-7-15	Shed roof	Shingles-bottom layer	Brown/black	Good	PLM, non-detect	--	
P-7-16	Shed roof	Roofing paper	Black	Good	PLM, non-detect	--	0
P-7-17	Shed roof	Roofing paper	Black	Good	PLM, non-detect	--	
P-7-18	Shed roof	Roofing paper	Black	Good	PLM, non-detect	--	
P-7-19	Shed exterior-around windows	Window caulk	White	Good	PLM, non-detect	--	0
P-7-20	Shed exterior-around windows	Window caulk	White	Good	PLM, non-detect	--	
P-7-21	Shed exterior-around windows	Window caulk	White	Good	PLM, non-detect	--	
P-7-22	Shed floor	Pad (layer 1) Carpet (layer 2)	Yellow (layer 1) Dark gray (layer 2)	Good	PLM, non-detect	--	0
P-7-23	Shed floor	Pad (layer 1) Carpet (layer 2)	Yellow (layer 1) Dark gray (layer 2)	Good	PLM, non-detect	--	
P-7-24	Shed floor	Pad (layer 1) Carpet (layer 2)	Yellow (layer 1) Dark gray (layer 2)	Good	PLM, non-detect	--	

Table 1 - Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
 Name: 6540 N. Port Washington Rd (Parcel 7)
 Location: Glendale, Milwaukee County
 Project ID: 1229-04-24

Project Number: 441233.0000.0000
 Sample Collection Date: June 3, 2021
 Samples Collected By: Tom Perkins
 Asbestos Inspector Number: AII-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P-7-25	Shed countertop	Adhesive (layer 1) Vinyl countertop (layer 2)	Dark brown (layer 1) Yellow (layer 2)	Good	PLM, non-detect	--	0
P-7-26	Shed countertop	Adhesive (layer 1) Vinyl countertop (layer 2)	Dark brown (layer 1) Yellow (layer 2)	Good	PLM, non-detect	--	
P-7-27	Shed countertop	Adhesive (layer 1) Vinyl countertop (layer 2)	Dark brown (layer 1) Yellow (layer 2)	Good	PLM, non-detect	--	
P-7-28	House exterior-around garage door entrance	Caulk	White	Good	PLM, non-detect	--	0
P-7-29	House exterior-around sliding door, east side	Caulk	White	Good	PLM, non-detect	--	
P-7-30	House exterior-around window, east side	Caulk	White	Good	PLM, non-detect	--	
P-7-31	House exterior, attached garage-around entry door window	Window caulk	White	Good	PLM, non-detect	--	0
P-7-32	House exterior, attached garage-around entry door window	Window caulk	White	Good	PLM, non-detect	--	
P-7-33	House exterior, attached garage-around entry door window	Window caulk	White	Good	PLM, non-detect	--	
P-7-34	House exterior-around window, west side	Caulk	White	Good	PLM, non-detect	--	0
P-7-35	House exterior-around window, west side	Caulk	White	Good	PLM, non-detect	--	
P-7-36	House exterior-around window, west side	Caulk	White	Good	PLM, non-detect	--	
P-7-37	Exterior window	Window glaze	White	Good	PLM, non-detect	--	0
P-7-38	Exterior window	Window glaze	White	Good	PLM, non-detect	--	
P-7-39	Exterior window	Window glaze	White	Good	PLM, non-detect	--	
P-7-40	Exterior window	Caulk	White	Good	PLM, non-detect	--	0
P-7-41	Exterior window	Caulk	White	Good	PLM, non-detect	--	
P-7-42	Exterior window	Caulk	White	Good	PLM, non-detect	--	
P-7-43	House roof	Shingles	Brown/black	Good	PLM, non-detect	--	0
P-7-44	House roof	Shingles	Brown/black	Good	PLM, non-detect	--	
P-7-45	House roof	Shingles	Brown/black	Good	PLM, non-detect	--	

Table 1 - Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
 Name: 6540 N. Port Washington Rd (Parcel 7)
 Location: Glendale, Milwaukee County
 Project ID: 1229-04-24

Project Number: 441233.0000.0000
 Sample Collection Date: June 3, 2021
 Samples Collected By: Tom Perkins
 Asbestos Inspector Number: All-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P-7-46	House roof	Roofing paper	Black	Good	PLM, non-detect	--	0
P-7-47	House roof	Roofing paper	Black	Good	PLM, non-detect	--	
P-7-48	House roof	Roofing paper	Black	Good	PLM, non-detect	--	
P-7-49	House roof-around electrical	Sealant	Black	Good	PLM, non-detect	--	0
P-7-50	House roof-around electrical	Sealant	Black	Good	PLM, non-detect	--	
P-7-51	House roof-around electrical	Sealant	Black	Good	PLM, non-detect	--	
P-7-52	Around chimney base	Sealant	Black	Good	PLM, non-detect	--	0
P-7-53	Around chimney base	Sealant	Black	Good	PLM, non-detect	--	
P-7-54	Around chimney base	Sealant	Black	Good	PLM, non-detect	--	
P-7-55	Attic	Insulation	White	Good	PLM, non-detect	--	0
P-7-56	Attic	Insulation	White	Good	PLM, non-detect	--	
P-7-57	Attic	Insulation	White	Good	PLM, non-detect	--	
P-7-58	North hallway floor	Mastic (layer 1) Carpet (layer 2)	Tan (layer 1) Brown/red (layer 2)	Good	PLM, non-detect	--	0
P-7-59	Laundry room floor	Mastic (layer 1) Carpet (layer 2)	Tan (layer 1) Brown/red (layer 2)	Good	PLM, non-detect	--	
P-7-60	Laundry room floor	Mastic (layer 1) Carpet (layer 2)	Tan (layer 1) Brown/red (layer 2)	Good	PLM, non-detect	--	
P-7-61	North hallway floor	Linoleum	Brown/black	Good	PLM, non-detect	--	0
P-7-62	Laundry room floor	Linoleum	Brown/black	Good	PLM, non-detect	--	
P-7-63	Laundry room floor	Linoleum	Brown/black	Good	PLM, non-detect	--	
P-7-64	Den floor	Pad (layer 1) Carpet (layer 2)	Yellow (layer 1) Cream (layer 2)	Good	PLM, non-detect	--	0
P-7-65	South hallway floor	Pad (layer 1) Carpet (layer 2)	Yellow (layer 1) Cream (layer 2)	Good	PLM, non-detect	--	
P-7-66	Bedroom 2 floor	Pad (layer 1) Carpet (layer 2)	Yellow (layer 1) Cream (layer 2)	Good	PLM, non-detect	--	
P-7-67	Den floor	Mastic (layer 1) Linoleum (layer 2)	Brown (layer 1) Tan mosaic/gray (layer 2)	Good	PLM, 10% (layer 1) 60% (layer 2)	Cat.1 Non-friable	180 sq ft
P-7-68	Den floor	Mastic (layer 1) Linoleum (layer 2)	Brown (layer 1) Tan mosaic/gray (layer 2)	Good	NA/PS	--	
P-7-69	Den floor	Mastic (layer 1) Linoleum (layer 2)	Brown (layer 1) Tan mosaic/gray (layer 2)	Good	NA/PS	--	

Table 1 - Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
 Name: 6540 N. Port Washington Rd (Parcel 7)
 Location: Glendale, Milwaukee County
 Project ID: 1229-04-24

Project Number: 441233.0000.0000
 Sample Collection Date: June 3, 2021
 Samples Collected By: Tom Perkins
 Asbestos Inspector Number: AI-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P-7-70	North hallway floor	Pad (layer 1) Paper backing (layer 2) Laminate floor (layer 3)	Turquoise (layer 1) Green (layer 2) Brown/stone pattern (layer 3)	Good	PLM, non-detect	--	0
P-7-71	Kitchen floor	Pad (layer 1) Paper backing (layer 2) Laminate floor (layer 3)	Turquoise (layer 1) Green (layer 2) Brown/stone pattern (layer 3)	Good	PLM, non-detect	--	
P-7-72	Kitchen floor	Pad (layer 1) Paper backing (layer 2) Laminate floor (layer 3)	Turquoise (layer 1) Green (layer 2) Brown/stone pattern (layer 3)	Good	PLM, non-detect	--	
P-7-73	North hallway floor	Linoleum	Cream/tan/gray	Good	PLM, 80%	Cat.1 Non-friable	380 sq ft
P-7-74	Kitchen floor	Linoleum	Cream/tan/gray	Good	NA/PS	--	
P-7-75	Kitchen floor	Linoleum	Cream/tan/gray	Good	NA/PS	--	
P-7-76	Half bath floor	Pad (layer 1) Laminate floor (layer 2)	Green/Turquoise (layer 1) Blue/brown (layer 2)	Good	PLM, non-detect	--	0
P-7-77	Half bath floor	Pad (layer 1) Laminate floor (layer 2)	Green/Turquoise (layer 1) Blue/brown (layer 2)	Good	PLM, non-detect	--	
P-7-78	Half bath floor	Pad (layer 1) Laminate floor (layer 2)	Green/Turquoise (layer 1) Blue/brown (layer 2)	Good	PLM, non-detect	--	
P-7-79	Kitchen backsplash	Adhesive (layer 1) Tile (layer 2)	Brown (layer 1) Cream/tan (layer 2)	Good	PLM, non-detect	--	0
P-7-80	Kitchen backsplash	Adhesive (layer 1) Tile (layer 2)	Brown (layer 1) Cream/tan (layer 2)	Good	PLM, non-detect	--	
P-7-81	Full bath 1 wall	Adhesive (layer 1) Tile (layer 2)	Brown (layer 1) Cream/tan (layer 2)	Good	PLM, non-detect	--	
P-7-82	Basement floor	Pad (layer 1) Carpet (layer 2)	Yellow (layer 1) Blue (layer 2)	Good	PLM, non-detect	--	0
P-7-83	Basement floor	Pad (layer 1) Carpet (layer 2)	Yellow (layer 1) Blue (layer 2)	Good	PLM, non-detect	--	
P-7-84	Basement floor	Pad (layer 1) Carpet (layer 2)	Yellow (layer 1) Blue (layer 2)	Good	PLM, non-detect	--	

Table 1 - Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
 Name: 6540 N. Port Washington Rd (Parcel 7)
 Location: Glendale, Milwaukee County
 Project ID: 1229-04-24

Project Number: 441233.0000.0000
 Sample Collection Date: June 3, 2021
 Samples Collected By: Tom Perkins
 Asbestos Inspector Number: AI-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P-7-85	Basement floor	Mastic (layer 1) Linoleum (layer 2)	Yellow (layer 1) Gray/stone pattern (layer 2)	Good	PLM, non-detect (layer 1) 3% (layer 2)	Cat.1 Non-friable	500 sq ft
P-7-86	Basement floor	Mastic (layer 1) Linoleum (layer 2)	Yellow (layer 1) Gray/stone pattern (layer 2)	Good	PLM, non-detect (layer 1) NA/PS (layer 2)	--	
P-7-87	Basement floor	Mastic (layer 1) Linoleum (layer 2)	Yellow (layer 1) Gray/stone pattern (layer 2)	Good	PLM, non-detect (layer 1) NA/PS (layer 2)	--	
P-7-88	Basement stairs	Mastic (layer 1) Linoleum (layer 2)	Black (layer 1) Cream/gray (layer 2)	Good	PLM, non-detect	--	0
P-7-89	Basement stairs	Mastic (layer 1) Linoleum (layer 2)	Black (layer 1) Cream/gray (layer 2)	Good	PLM, non-detect	--	
P-7-90	Basement stairs	Mastic (layer 1) Linoleum (layer 2)	Black (layer 1) Cream/gray (layer 2)	Good	PLM, non-detect	--	
P-7-91	Dining room wall	Drywall	White/gray	Good	PLM, non-detect	--	0
P-7-92	Basement wall	Drywall	White/gray	Good	PLM, non-detect	--	
P-7-93	Bedroom 1 wall	Drywall	White/gray	Good	PLM, non-detect	--	
P-7-94	West entry floor	Adhesive (layer 1) Stone tile (layer 2)	Gray (layer 1) Black (layer 2)	Good	PLM, non-detect	--	0
P-7-95	West entry floor	Adhesive (layer 1) Stone tile (layer 2)	Gray (layer 1) Black (layer 2)	Good	PLM, non-detect	--	
P-7-96	West entry floor	Adhesive (layer 1) Stone tile (layer 2)	Gray (layer 1) Black (layer 2)	Good	PLM, non-detect	--	
P-7-97	West entry half wall	Adhesive (layer 1) Tile (layer 2)	White (layer 1) Brown (layer 2)	Good	PLM, non-detect	--	0
P-7-98	West entry half wall	Adhesive (layer 1) Tile (layer 2)	White (layer 1) Green (layer 2)	Good	PLM, non-detect	--	
P-7-99	West entry half wall	Adhesive (layer 1) Tile (layer 2)	White (layer 1) Cream/white (layer 2)	Good	PLM, non-detect	--	
P-7-100	Full bath 1 floor	Mastic (layer 1) Carpet (layer 2)	Yellow (layer 1) Red (layer 2)	Good	PLM, non-detect	--	0
P-7-101	Full bath 1 floor	Mastic (layer 1) Carpet (layer 2)	Yellow (layer 1) Red (layer 2)	Good	PLM, non-detect	--	
P-7-102	Full bath 1 floor	Mastic (layer 1) Carpet (layer 2)	Yellow (layer 1) Red (layer 2)	Good	PLM, non-detect	--	

Table 1 - Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
 Name: 6540 N. Port Washington Rd (Parcel 7)
 Location: Glendale, Milwaukee County
 Project ID: 1229-04-24

Project Number: 441233.0000.0000
 Sample Collection Date: June 3, 2021
 Samples Collected By: Tom Perkins
 Asbestos Inspector Number: All-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P-7-103	Full bath 1 floor	Adhesive (layer 1) Tile (layer 2)	Yellow (layer 1) Cream/tan (layer 2)	Good	PLM, non-detect	--	0
P-7-104	Full bath 1 floor	Adhesive (layer 1) Tile (layer 2)	Yellow (layer 1) Cream/tan (layer 2)	Good	PLM, non-detect	--	
P-7-105	Full bath 1 floor	Adhesive (layer 1) Tile (layer 2)	Yellow (layer 1) Pink (layer 2)	Good	PLM, non-detect	--	
P-7-106	Bedroom 1 floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Mosaic (layer 1) Tan (layer 2) Cream (layer 3)	Good	PLM, non-detect	--	0
P-7-107	Bedroom 3 floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Mosaic (layer 1) Tan (layer 2) Cream (layer 3)	Good	PLM, non-detect	--	
P-7-108	Bedroom 3 floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Mosaic (layer 1) Tan (layer 2) Cream (layer 3)	Good	PLM, non-detect	--	
P-7-109	Southeast hallway floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Mosaic (layer 1) Tan (layer 2) Cream (layer 3)	Good	PLM, non-detect	--	0
P-7-110	Bedroom 4 floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Mosaic (layer 1) Tan (layer 2) Cream (layer 3)	Good	PLM, non-detect	--	
P-7-111	Bedroom 4 floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Mosaic (layer 1) Tan (layer 2) Cream (layer 3)	Good	PLM, non-detect	--	
P-7-112	Full bath 2 floor	Adhesive (layer 1) Tile (layer 2)	Gray (layer 1) Blue/cream (layer 2)	Good	PLM, non-detect	--	0
P-7-113	Full bath 2 floor	Adhesive (layer 1) Tile (layer 2)	Gray (layer 1) Blue/cream (layer 2)	Good	PLM, non-detect	--	
P-7-114	Full bath 2 floor	Adhesive (layer 1) Tile (layer 2)	Gray (layer 1) Blue/cream (layer 2)	Good	PLM, non-detect	--	
P-7-115	Full bath 2 shower floor	Adhesive (layer 1) Tile (layer 2)	Gray (layer 1) White/blue (layer 2)	Good	PLM, non-detect	--	0
P-7-116	Full bath 2 shower floor	Adhesive (layer 1) Tile (layer 2)	Gray (layer 1) White/blue (layer 2)	Good	PLM, non-detect	--	
P-7-117	Full bath 2 shower floor	Adhesive (layer 1) Tile (layer 2)	Gray (layer 1) White/blue (layer 2)	Good	PLM, non-detect	--	

Table 1 - Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
 Name: 6540 N. Port Washington Rd (Parcel 7)
 Location: Glendale, Milwaukee County
 Project ID: 1229-04-24

Project Number: 441233.0000.0000
 Sample Collection Date: June 3, 2021
 Samples Collected By: Tom Perkins
 Asbestos Inspector Number: All-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P-7-118	Full bath 2 countertop & backsplash	Adhesive (layer 1) Tile (layer 2)	Brown (layer 1) Blue/white (layer 2)	Good	PLM, non-detect	--	0
P-7-119	Full bath 2 countertop & backsplash	Adhesive (layer 1) Tile (layer 2)	Brown (layer 1) Blue/white (layer 2)	Good	PLM, non-detect	--	
P-7-120	Full bath 2 countertop & backsplash	Adhesive (layer 1) Tile (layer 2)	Brown (layer 1) Blue/white (layer 2)	Good	PLM, non-detect	--	
P-7-121	Full bath 2 shower trim	Adhesive (layer 1) Tile (layer 2)	Brown (layer 1) White/black (layer 2)	Good	PLM, non-detect	--	0
P-7-122	Full bath 2 shower trim	Adhesive (layer 1) Tile (layer 2)	Brown (layer 1) White/black (layer 2)	Good	PLM, non-detect	--	
P-7-123	Full bath 2 shower trim	Adhesive (layer 1) Tile (layer 2)	Brown (layer 1) White/black (layer 2)	Good	PLM, non-detect	--	

Notes:

PLM = Polarized Light Microscopy
 NA/PS = Not Analyzed, Positive Stop

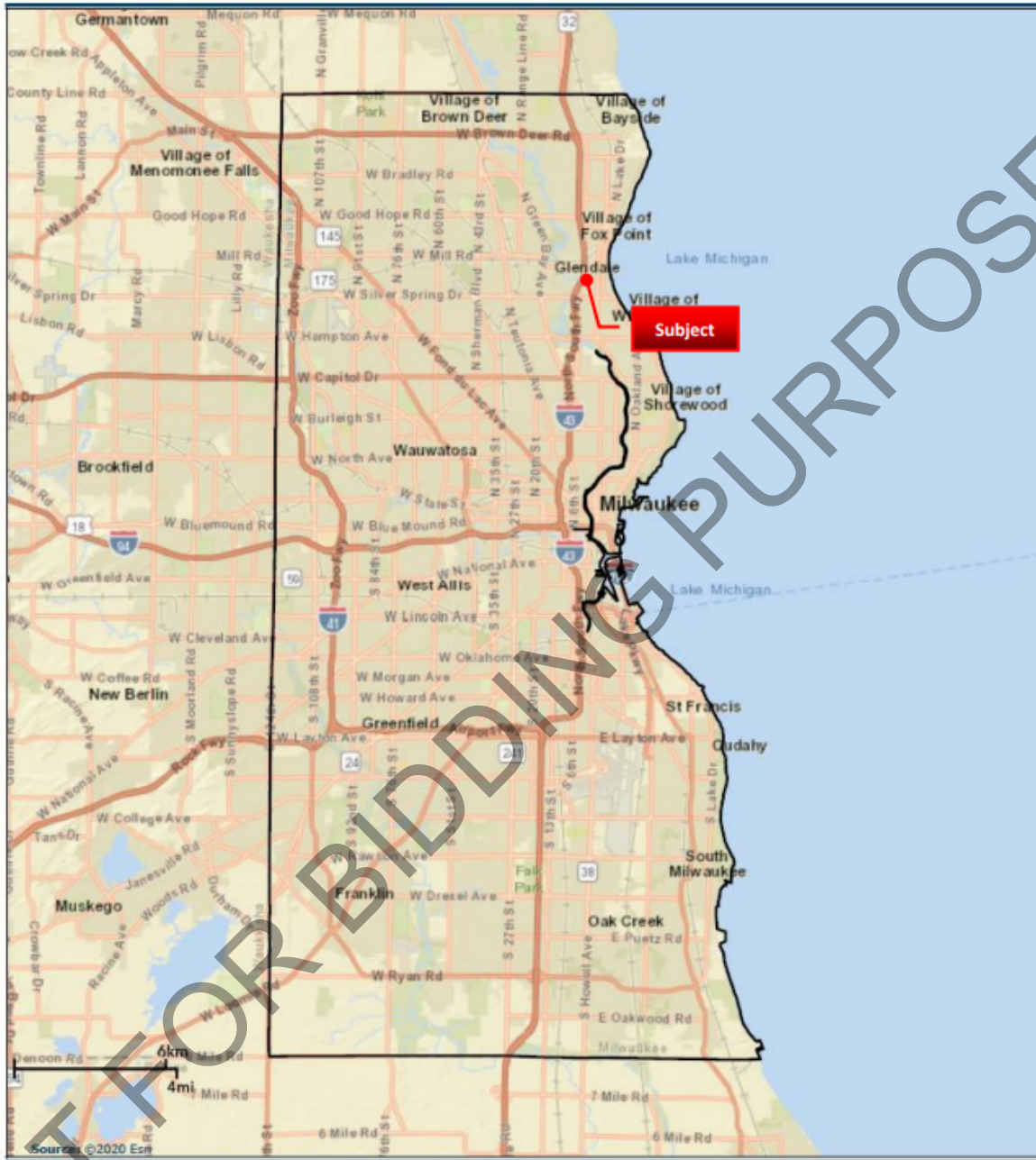
1. Inspection was completed following WisDOT standard sampling procedure for bridge inspections found in FDM 21 35-45.

Condition Description:

Good: The material shows no visible damage or deterioration, or shows only limited damage or deterioration.
Damaged: The material is friable that has deteriorated or sustained physical damage.
Significantly damaged: The material is friable that has sustained extensive or severe damage.

Created By: A. Voit
 Checked By: D. Haak

FIGURE 1 - SITE LOCATION MAP



July 21, 2020

ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI

ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI

FIGURE 1 - SITE LOCATION MAP



ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI

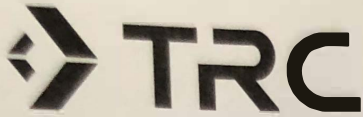


FIGURE 2

~~Outside~~

SHEET NO. 1 OF 4
PROJECT NO. 441233
DATE 6/3/2021
BY Twp
CHK'D

SUBJECT Parcel 7
Exterior - Additional Buildings

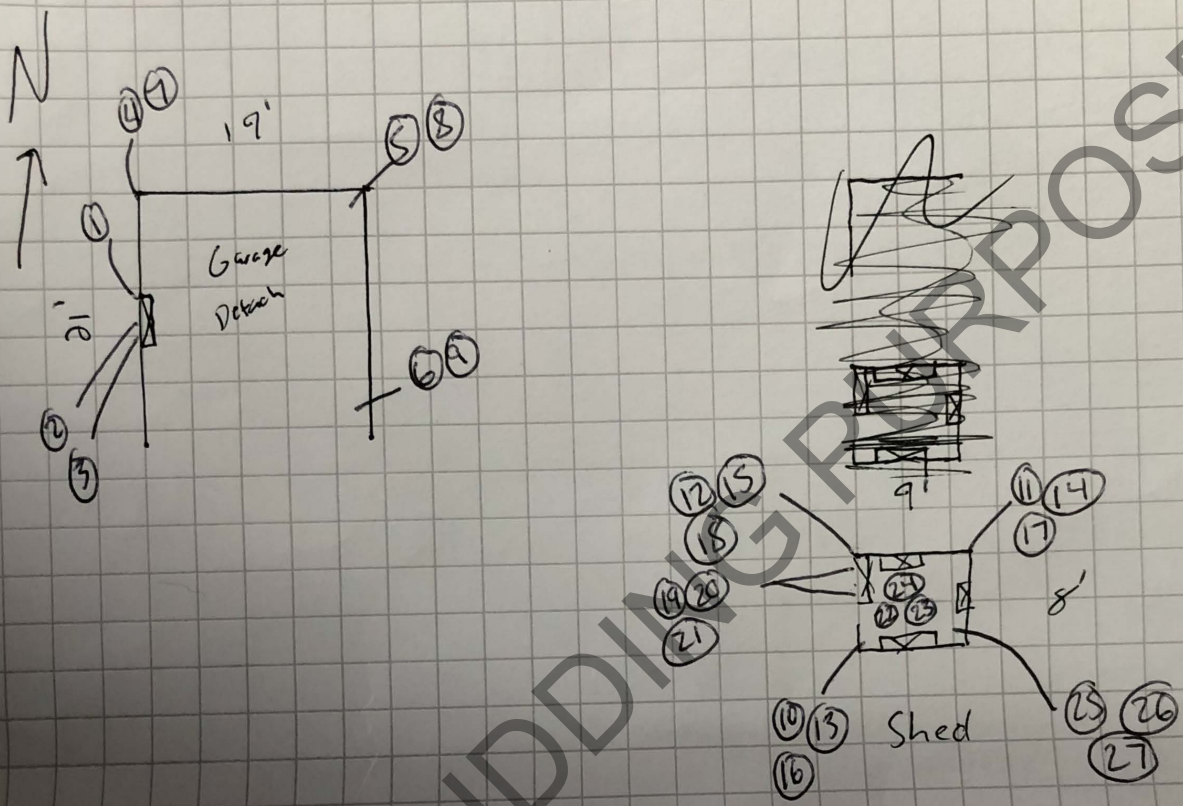
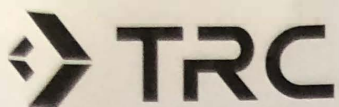
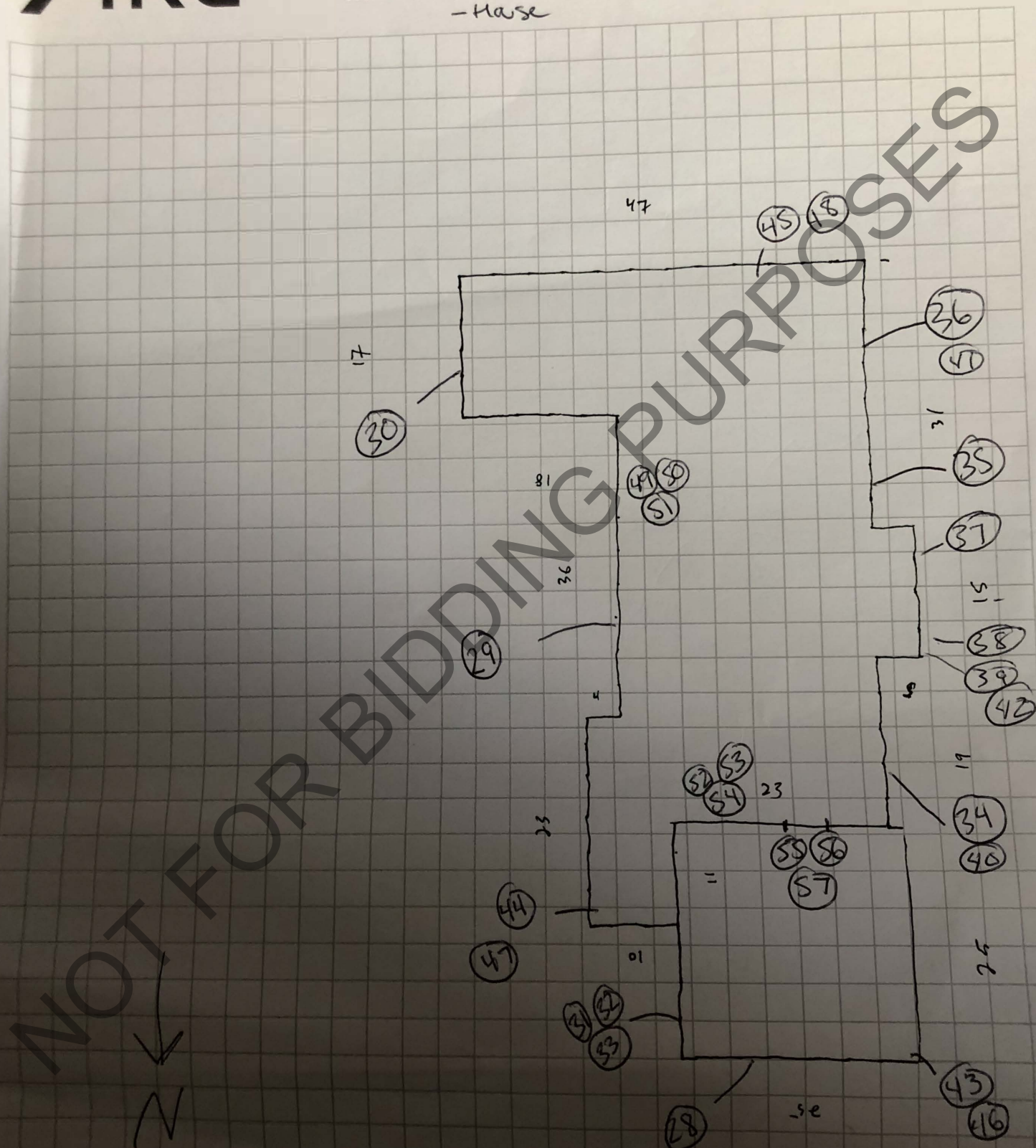


FIGURE 2



SHEET NO. 2 OF 4
 PROJECT NO. 441233
 DATE 6/3/2021
 BY [Signature]
 CHK'D

SUBJECT Parcel 7 Exterior
 - House





Main Floor

FIGURE 2

SHEET NO. 3 OF 4
PROJECT NO. 441233
DATE 6/3/2021
BY ry
CHK'D _____

SUBJECT Parcel 7 - Interior
- Main Floor

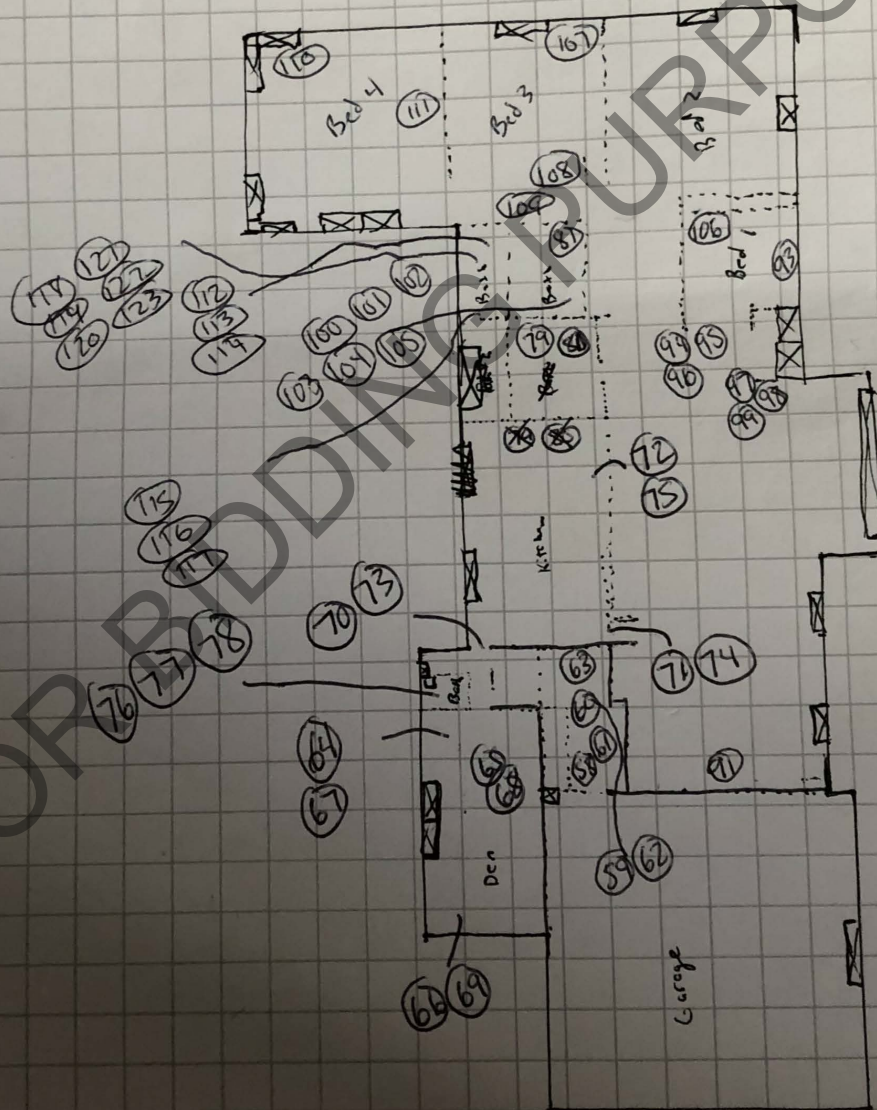


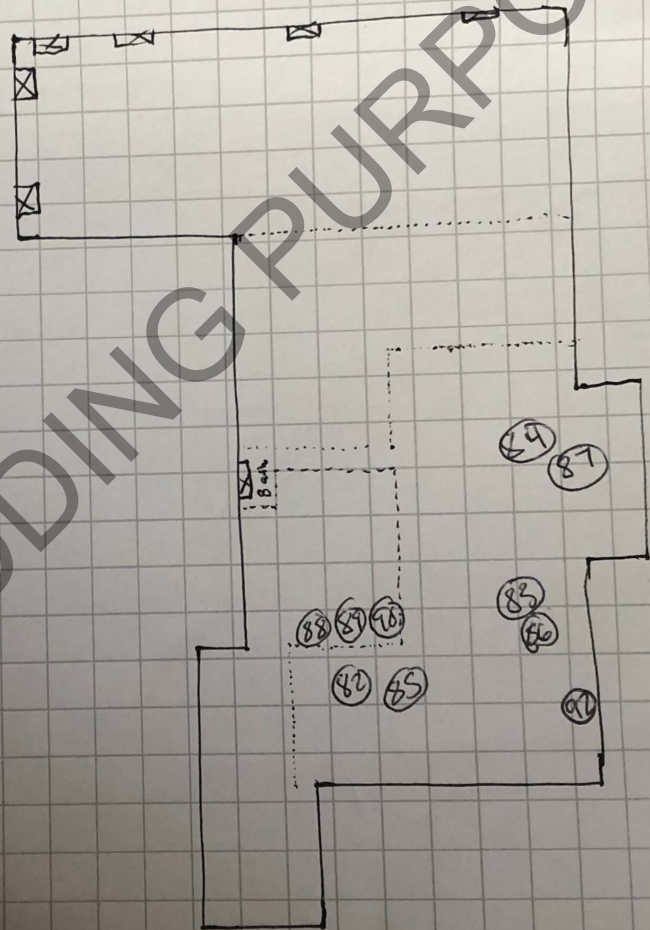


FIGURE 2

Basement

SHEET NO. 4 OF 4
PROJECT NO. 441233
DATE 6/3/2021
BY *TRP*

SUBJECT *Parcel 7 - Exterior* - *Basement*



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Appendix A: Photographs

NOT FOR BIDDING PURPOSES

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 1	Date 6/3/2021		
Description Front of house			
Photo No. 2	Date 6/3/2021		
Description Front of house			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 3	Date 6/3/2021		
Description Front of house			
Photo No. 4	Date 6/3/2021		
Description Side of house			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 5	Date 6/3/2021		
Description Back of house			
Photo No. 6	Date 6/3/2021		
Description Backside of house			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 7	Date 6/3/2021		
Description Back of house			
Photo No. 8	Date 6/3/2021		
Description Side of house and entry door to garage			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
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Photo No. 9	Date 6/3/2021	
Description Attached garage		

Photo No. 10	Date 6/3/2021	
Description Interior of attached garage		

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 11	Date 6/3/2021		
Description Interior of attached garage			
Photo No. 12	Date 6/3/2021		
Description Detached garage			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 13	Date 6/3/2021		
Description Interior of detached garage			
Photo No. 14	Date 6/3/2021		
Description Window glaze around exterior windows of detached garage, non-detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 15	Date 6/3/2021		
Description Roof of detached garage			
Photo No. 16	Date 6/3/2021		
Description Shingles on detached garage roof, non-detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 17	Date 6/3/2021		
Description Roofing paper on detached garage roof, non-detect for ACM			
Photo No. 18	Date 6/3/2021		
Description Shed			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 19	Date 6/3/2021		
Description Top layer of shingles on shed, non-detect for ACM			
Photo No. 20	Date 6/3/2021	Description Bottom layer of shingles on shed, non-detect for ACM	



Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 21	Date 6/3/2021		
Description Roofing paper on shed roof, non-detect for ACM			
Photo No. 22	Date 6/3/2021	Description Caulk around windows of shed, non-detect for ACM	

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 23	Date 6/3/2021		
Description Interior of shed			
Photo No. 24	Date 6/3/2021		
Description Carpet and pad on floor of shed, both layers non-detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 25	Date 6/3/2021		
Description Vinyl countertop and adhesive on counter in shed, both layers non-detect for ACM			
Photo No. 26	Date 6/3/2021		
Description Caulk around garage door of attached garage, non-detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 27	Date 6/3/2021		
Description Caulk around entry door to attached garage, non-detect for ACM			
Photo No. 28	Date 6/3/2021		
Description Caulk around exterior of windows of house, non-detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 29	Date 6/3/2021		
Description Glaze around exterior of windows of house, non-detect for ACM			
Photo No. 30	Date 6/3/2021		
Description Caulk around exterior of windows of house, non-detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 31	Date 6/3/2021		
Description House roof			
Photo No. 32	Date 6/3/2021		
Description Shingles and roofing paper on house roof, both non-detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 33	Date 6/3/2021		
Description Roofing sealant around base of electrical on roof, non-detect for ACM			
Photo No. 34	Date 6/3/2021	Description Roofing sealant around base of chimney on roof, non-detect for ACM	

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 35	Date 6/3/2021		
Description Insulation in attic of house, non-detect for ACM			
Photo No. 36	Date 6/3/2021		
Description North hallway, entering from garage			


Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 37	Date 6/3/2021		
Description Laundry room			
Photo No. 38	Date 6/3/2021		
Description Carpet with pad in hallway and laundry room, both non- detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 39	Date 6/3/2021		
Description Linoleum in hallway and laundry room, non-detect for ACM			
Photo No. 40	Date 6/3/2021		
Description Den			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 41	Date 6/3/2021		<p>Description Carpet and pad in den, both non-detect for ACM</p>
Photo No. 42	Date 6/3/2021		
			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 43	Date 6/3/2021		
Description Kitchen and dining room			
Photo No. 44	Date 6/3/2021		
Description Laminate flooring with paper backing and pad in kitchen, dining room and hallway, all non-detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 45	Date 6/3/2021		
Description Linoleum under laminate flooring in kitchen, dining room and hallway, contains 80% non-friable ACM			
Photo No. 46	Date 6/3/2021		
Description Half bath			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 47	Date 6/3/2021		
Description Laminate floor and pad in half bath, both non-detect for ACM			
Photo No. 48	Date 6/3/2021		
Description Tile backsplash and adhesive in kitchen, both non-detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 49	Date 6/3/2021		
Description Tile and adhesive in full bathroom 1, both non-detect for ACM			
Photo No. 50	Date 6/3/2021		
Description Carpet and pad on full bathroom 1 floor, both non-detect for ACM			



Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 51	Date 6/3/2021		
Description Basement stairs			
Photo No. 52	Date 6/3/2021		
Description Linoleum and mastic on basement stairs, non-detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 53	Date 6/3/2021		
Description Basement			
Photo No. 54	Date 6/3/2021		
Description Basement			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 55	Date 6/3/2021		
Description Carpet and pad on basement floor, both non-detect for ACM			
Photo No. 56	Date 6/3/2021		
Description Linoleum and mastic under carpet on basement floor, linoleum contains 3% non-friable ACM, mastic non-detect for ACM			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 57	Date 6/3/2021		
Description Basement			
Photo No. 58	Date 6/3/2021		
Description Basement			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 59	Date 6/3/2021		
Description Basement			
Photo No. 60	Date 6/3/2021		
Description Basement bathroom			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 61	Date 6/3/2021		
Description Drywall on interior walls throughout house, non-detect for ACM			
Photo No. 62	Date 6/3/2021		
Description Hallway			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 63	Date 6/3/2021		
Description Bedroom			
Photo No. 64	Date 6/3/2021		
Description Bedroom			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 65	Date 6/3/2021		
Description Hallway and bedroom			
Photo No. 66	Date 6/3/2021		
Description West entryway and hallway			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 67	Date 6/3/2021		
Description Stone tile and adhesive on entryway floor, both non-detect for ACM			
Photo No. 68	Date 6/3/2021		
Description West entryway			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 69	Date 6/3/2021		
Description Tile and adhesive on half-high wall, both non-detect for ACM			
Photo No. 70	Date 6/3/2021		
Description Living room			

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 71	Date 6/3/2021		
Description Tile and adhesive on bathroom floor, both non-detect for ACM			
Photo No. 72	Date 6/3/2021		
Description Carpet, pad, and mastic on bedroom floor, all non-detect for ACM			



Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 73	Date 6/3/2021		
Description Carpet, pad, and mastic on hallway and bedroom floor, all non-detect for ACM			
Photo No. 74	Date 6/3/2021		
Description Full bathroom 2			

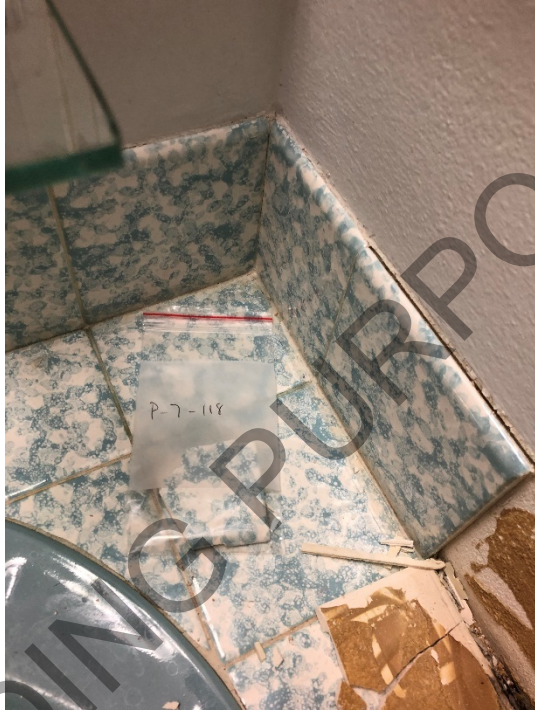
Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 75	Date 6/3/2021		
Description Tile and adhesive on floor in full bathroom 2, both non-detect for ACM			
Photo No. 76	Date 6/3/2021	Description Full bathroom 2 shower	

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 77	Date 6/3/2021		
Description Tile and adhesive on shower floor in full bathroom 2, both non-detect for ACM			
Photo No. 78	Date 6/3/2021	Description Tile and adhesive around shower opening in full bathroom 2, both non-detect for ACM	

Photographic Log

Client Name: WisDOT		Site Location: 6540 N. Port Washington Road, Glendale, Milwaukee County	Project No.: WisDOT #1229-04-24 TRC# 441233.0000
Photo No. 79	Date 6/3/2021		
Description Tile and adhesive countertop and backsplash in full bathroom 2, both non-detect for ACM			

Appendix B: Laboratory Analytical Results

NOT FOR BIDDING PURPOSES



BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #: 0057027
Project #: 441233.0000.0000
Date Received: 06/09/2021
Date Analyzed: 06/11/2021

Site: Parcel 7, Glendale, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
P-7-1	Detached garage	White window glaze	---	ND	None
P-7-2	Detached garage	White window glaze	---	ND	None
P-7-3	Detached garage	White window glaze	---	ND	None
P-7-4	Detached garage	Brown/Black shingles	5% fibrous glass	ND	None
P-7-5	Detached garage	Brown/Black shingles	5% fibrous glass	ND	None
P-7-6	Detached garage	Brown/Black shingles	5% fibrous glass	ND	None
P-7-7	Detached garage	Black roofing paper	20% cellulose	ND	None
P-7-8	Detached garage	Black roofing paper	20% cellulose	ND	None
P-7-9	Detached garage	Black roofing paper	20% cellulose	ND	None
P-7-10	Shed	Brown/Black shingles, top layer	3% fibrous glass	ND	None
P-7-11	Shed	Brown/Black shingles, top layer	3% fibrous glass	ND	None
P-7-12	Shed	Brown/Black shingles, top layer	3% fibrous glass	ND	None
P-7-13	Shed	Brown/Black shingles, bottom layer	10% fibrous glass	ND	None
P-7-14	Shed	Brown/Black shingles, bottom layer	10% fibrous glass	ND	None
P-7-15	Shed	Brown/Black shingles, bottom layer	10% fibrous glass	ND	None
P-7-16	Shed	Black roofing paper	40% cellulose	ND	None
P-7-17	Shed	Black roofing paper	40% cellulose	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052
AZ #A20944 HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
P-7-18	Shed	Black roofing paper	40% cellulose	ND	None
P-7-19	Shed	White window caulk	---	ND	None
P-7-20	Shed	White window caulk	---	ND	None
P-7-21	Shed	White window caulk	---	ND	None
P-7-22	Shed	LAYER 1 Yellow pad	---	ND	None
P-7-22		LAYER 2 Dark Grey carpeting	95% synthetic fiber	ND	None
P-7-23	Shed	LAYER 1 Yellow pad	---	ND	None
P-7-23		LAYER 2 Dark Grey carpeting	95% synthetic fiber	ND	None
P-7-24	Shed	LAYER 1 Yellow pad	---	ND	None
P-7-24		LAYER 2 Dark Grey carpeting	95% synthetic fiber	ND	None
P-7-25	Shed	LAYER 1 Dark Brown adhesive	---	ND	None
P-7-25		LAYER 2 Yellow vinyl countertop	99% cellulose	ND	None
P-7-26	Shed	LAYER 1 Dark Brown adhesive	---	ND	None
P-7-26		LAYER 2 Yellow vinyl countertop	99% cellulose	ND	None
P-7-27	Shed	LAYER 1 Dark Brown adhesive	---	ND	None
P-7-27		LAYER 2 Yellow vinyl countertop	99% cellulose	ND	None
P-7-28	House exterior	White caulk	---	ND	None
P-7-29	House exterior	White caulk	---	ND	None
P-7-30	House exterior	White caulk	---	ND	None
P-7-31	House exterior, attached garage	White window caulk	---	ND	None
P-7-32	House exterior, attached garage	White window caulk	---	ND	None
P-7-33	House exterior, attached garage	White window caulk	---	ND	None
P-7-34	House exterior	White caulk	---	ND	None

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ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials		Asbestos %	Asbestos Type
P-7-35	House exterior	White caulk	---		ND	None
P-7-36	House exterior	White caulk	---		ND	None
P-7-37	Exterior window	White window glazing	2%	cellulose	ND	None
P-7-38	Exterior window	White window glazing	2%	cellulose	ND	None
P-7-39	Exterior window	White window glazing	2%	cellulose	ND	None
P-7-40	Exterior window	White window caulk	---		ND	None
P-7-41	Exterior window	White window caulk	---		ND	None
P-7-42	Exterior window	White window caulk	---		ND	None
P-7-43	House roof	Brown/Black shingles	5%	fibrous glass	ND	None
P-7-44	House roof	Brown/Black shingles	5%	fibrous glass	ND	None
P-7-45	House roof	Brown/Black shingles	5%	fibrous glass	ND	None
P-7-46	House roof	Black roofing paper	10%	fibrous glass	ND	None
P-7-47	House roof	Black roofing paper	10%	fibrous glass	ND	None
P-7-48	House roof	Black roofing paper	10%	fibrous glass	ND	None
P-7-49	House roof	Black roof sealant	20%	cellulose	ND	None
P-7-50	House roof	Black roof sealant	20%	cellulose	ND	None
P-7-51	House roof	Black roof sealant	20%	cellulose	ND	None
P-7-52	House roof	Black roof/chimney sealant	3%	fibrous glass	ND	None
P-7-53	Chimney base	Black roof/chimney sealant	20%	cellulose	ND	None
P-7-54	Chimney base	Black roof/chimney sealant	20%	cellulose	ND	None
P-7-55	Attic	White blown insulation	99%	mineral wool	ND	None
P-7-56	Attic	White blown insulation	99%	mineral wool	ND	None

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ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description		Other Matrix Materials	Asbestos %	Asbestos Type
P-7-57	Attic	White blown insulation	99%	mineral wool	ND	None
P-7-58	North hall	LAYER 1 Tan mastic	5%	synthetic fiber	ND	None
P-7-58		LAYER 2 Brown/Red carpetting	95%	synthetic fiber	ND	None
P-7-59	Laundry floor	LAYER 1 Tan mastic	5%	synthetic fiber	ND	None
P-7-59		LAYER 2 Brown/Red carpetting	95%	synthetic fiber	ND	None
P-7-60	Laundry floor	LAYER 1 Tan mastic	5%	synthetic fiber	ND	None
P-7-60		LAYER 2 Brown/Red carpetting	95%	synthetic fiber	ND	None
P-7-61	North hall	Brown/Black linoleum flooring	99%	cellulose	ND	None
P-7-62	Laundry floor	Brown/Black linoleum flooring	99%	cellulose	ND	None
P-7-63	Laundry floor	Brown/Black linoleum flooring	99%	cellulose	ND	None
P-7-64	Den floor	LAYER 1 Yellow padding		---	ND	None
P-7-64		LAYER 2 Cream carpetting	95%	synthetic fiber	ND	None
P-7-65	South hallway	LAYER 1 Yellow padding		---	ND	None
P-7-65		LAYER 2 Cream carpetting	95%	synthetic fiber	ND	None
P-7-66	Bedroom 2	LAYER 1 Yellow padding		---	ND	None
P-7-66		LAYER 2 Cream carpetting	95%	synthetic fiber	ND	None
P-7-67	Den floor	LAYER 1 Brown mastic	5%	cellulose	10%	Chrysotile
P-7-67		LAYER 2 Tan Mosaic/Grey linoleum flooring	10%	cellulose	60%	Chrysotile
P-7-68	Den floor	--		--	NA/PS	--
P-7-68		--		--	NA/PS	--
P-7-69	Den floor	--		--	NA/PS	--
P-7-69		--		--	NA/PS	--

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

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ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
P-7-70	North hall	LAYER 1 Turquoise padding	---	ND	None
P-7-70		LAYER 2 Green paper backing	99% cellulose	ND	None
P-7-70		LAYER 3 Brown/Stone pattern laminate flooring	5% cellulose	ND	None
P-7-71	Kitchen floor	LAYER 1 Turquoise padding	---	ND	None
P-7-71		LAYER 2 Green paper backing	99% cellulose	ND	None
P-7-71		LAYER 3 Brown/Stone pattern laminate flooring	5% cellulose	ND	None
P-7-72	Kitchen floor	LAYER 1 Turquoise padding	---	ND	None
P-7-72		LAYER 2 Green paper backing	99% cellulose	ND	None
P-7-72		LAYER 3 Brown/Stone pattern laminate flooring	5% cellulose	ND	None
P-7-73	North hall	Cream/Tan/Grey linoleum flooring	10% cellulose	80%	Chrysotile
P-7-74	Kitchen floor	---	--	NA/PS	--
P-7-75	Kitchen floor	---	--	NA/PS	--
P-7-76	Half bath floor	LAYER 1 Green/Turquoise pad	---	ND	None
P-7-76		LAYER 2 Blue/Brown laminate flooring	95% cellulose	ND	None
P-7-77	Half bath floor	LAYER 1 Green/Turquoise pad	---	ND	None
P-7-77		LAYER 2 Blue/Brown laminate flooring	95% cellulose	ND	None
P-7-78	Half bath floor	LAYER 1 Green/Turquoise pad	---	ND	None
P-7-78		LAYER 2 Blue/Brown laminate flooring	95% cellulose	ND	None
P-7-79	Kitchen backsplash	LAYER 1 Brown adhesive	---	ND	None
P-7-79		LAYER 2 Cream/Tan tile backsplash	---	ND	None
P-7-80	Kitchen backsplash	LAYER 1 Brown adhesive	---	ND	None
P-7-80		LAYER 2 Cream/Tan tile backsplash	---	ND	None
P-7-81	Full bath 1 backsplash	LAYER 1 Brown adhesive	---	ND	None
P-7-81		LAYER 2 Cream/Tan tile backsplash	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

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NY #10980 WV #000622
NJ #CT004 CA #2907

ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials		Asbestos %	Asbestos Type
P-7-82	Basement floor	LAYER 1 Yellow pads	---		ND	None
P-7-82		LAYER 2 Blue carpetting	95%	synthetic fiber	ND	None
P-7-83	Basement floor	LAYER 1 Yellow pads	---		ND	None
P-7-83		LAYER 2 Blue carpetting	95%	synthetic fiber	ND	None
P-7-84	Basement floor	LAYER 1 Yellow pads	---		ND	None
P-7-84		LAYER 2 Blue carpetting	95%	synthetic fiber	ND	None
P-7-85	Basement floor	LAYER 1 Yellow mastic	---		ND	None
P-7-85		LAYER 2 Grey/Stone Pattern linoleum flooring	---		3%	Chrysotile
P-7-86	Basement floor	LAYER 1 Yellow mastic	---		ND	None
P-7-86		--	--		NA/PS	--
P-7-87	Basement floor	LAYER 1 Yellow mastic	---		ND	None
P-7-87		--	--		NA/PS	--
P-7-88	Basement stairs	LAYER 1 Black mastic	40%	cellulose	ND	None
P-7-88		LAYER 2 Cream/Grey linoleum flooring	60% 20%	cellulose synthetic fiber	ND	None
P-7-89	Basement stairs	LAYER 1 Black mastic	40%	cellulose	ND	None
P-7-89		LAYER 2 Cream/Grey linoleum flooring	60% 20%	cellulose synthetic fiber	ND	None
P-7-90	Basement stairs	LAYER 1 Black mastic	40%	cellulose	ND	None
P-7-90		LAYER 2 Cream/Grey linoleum flooring	60% 20%	cellulose synthetic fiber	ND	None
P-7-91	Dining room	White/Grey drywall	---		ND	None
P-7-92	Basement	White/Grey drywall	---		ND	None
P-7-93	Bedroom 1	White/Grey drywall	---		ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
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ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
P-7-94	West entry floor	LAYER 1 Grey concrete adhesive	---	ND	None
P-7-94		LAYER 2 Black stone tile	---	ND	None
P-7-95	West entry floor	LAYER 1 Grey concrete adhesive	---	ND	None
P-7-95		LAYER 2 Black stone tile	---	ND	None
P-7-96	West entry floor	LAYER 1 Grey concrete adhesive	---	ND	None
P-7-96		LAYER 2 Black stone tile	---	ND	None
P-7-97	West entry handrail/half wall	LAYER 1 White adhesive	---	ND	None
P-7-97		LAYER 2 Brown tile	---	ND	None
P-7-98	West entry handrail/half wall	LAYER 1 White adhesive	---	ND	None
P-7-98		LAYER 2 Green tile	---	ND	None
P-7-99	West entry handrail/half wall	LAYER 1 White adhesive	---	ND	None
P-7-99		LAYER 2 Cream/White tile	---	ND	None
P-7-100	Full bath 1 floor	LAYER 1 Yellow mastic	40% synthetic fiber	ND	None
P-7-100		LAYER 2 Red carpetting	95% synthetic fiber	ND	None
P-7-101	Full bath 1 floor	LAYER 1 Yellow mastic	40% synthetic fiber	ND	None
P-7-101		LAYER 2 Red carpetting	95% synthetic fiber	ND	None
P-7-102	Full bath 1 floor	LAYER 1 Yellow mastic	40% synthetic fiber	ND	None
P-7-102		LAYER 2 Red carpetting	95% synthetic fiber	ND	None
P-7-103	Full bath 1 floor	LAYER 1 Yellow adhesive	---	ND	None
P-7-103		LAYER 2 Cream/Tan tile flooring	---	ND	None
P-7-104	Full bath 1 floor	LAYER 1 Yellow adhesive	---	ND	None
P-7-104		LAYER 2 Cream/Tan tile flooring	---	ND	None
P-7-105	Full bath 1 floor	LAYER 1 Yellow adhesive	---	ND	None
P-7-105		LAYER 2 Pink tile flooring	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
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ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
P-7-106	Bedroom 1 floor	LAYER 1 Mosaic pad	---	ND	None
P-7-106		LAYER 2 Tan mastic	5% synthetic fiber	ND	None
P-7-106		LAYER 3 Cream carpetting	95% synthetic fiber	nd	None
P-7-107	Bedroom 3 floor	LAYER 1 Mosaic pad	---	ND	None
P-7-107		LAYER 2 Tan mastic	5% synthetic fiber	ND	None
P-7-107		LAYER 3 Cream carpetting	95% synthetic fiber	nd	None
P-7-108	Bedroom 3 floor	LAYER 1 Mosaic pad	---	ND	None
P-7-108		LAYER 2 Tan mastic	5% synthetic fiber	ND	None
P-7-108		LAYER 3 Cream carpetting	95% synthetic fiber	nd	None
P-7-109	Southeast hall floor	LAYER 1 Mosaic pad	---	ND	None
P-7-109		LAYER 2 Tan mastic	10% synthetic fiber	ND	None
P-7-109		LAYER 3 Cream carpetting	95% synthetic fiber	ND	None
P-7-110	Bedroom 4 floor	LAYER 1 Mosaic pad	---	ND	None
P-7-110		LAYER 2 Tan mastic	10% synthetic fiber	ND	None
P-7-110		LAYER 3 Cream carpetting	95% synthetic fiber	ND	None
P-7-111	Bedroom 4 floor	LAYER 1 Mosaic pad	---	ND	None
P-7-111		LAYER 2 Tan mastic	10% synthetic fiber	ND	None
P-7-111		LAYER 3 Cream carpetting	95% synthetic fiber	ND	None
P-7-112	Full bath 2 floor	LAYER 1 Grey concrete adhesive	---	ND	None
P-7-112		LAYER 2 Blue/Cream tile flooring	---	ND	None
P-7-113	Full bath 2 floor	LAYER 1 Grey concrete adhesive	---	ND	None
P-7-113		LAYER 2 Blue/Cream tile flooring	---	ND	None
P-7-114	Full bath 2 floor	LAYER 1 Grey concrete adhesive	---	ND	None
P-7-114		LAYER 2 Blue/Cream tile flooring	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

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NY #10980 WV #000622
NJ #CT004 CA #2907

ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
P-7-115	Full bath 2 shower floor	LAYER 1 Grey concrete adhesive	---	ND	None
P-7-115		LAYER 2 White/Blue tile flooring	---	ND	None
P-7-116	Full bath 2 shower floor	LAYER 1 Grey concrete adhesive	---	ND	None
P-7-116		LAYER 2 White/Blue tile flooring	---	ND	None
P-7-117	Full bath 2 shower floor	LAYER 1 Grey concrete adhesive	---	ND	None
P-7-117		LAYER 2 White/Blue tile flooring	---	ND	None
P-7-118	Full bath 2 sink and backsplash	LAYER 1 Brown adhesive	3% cellulose	ND	None
P-7-118		LAYER 2 Blue/White tile	---	ND	None
P-7-119	Full bath 2 sink and backsplash	LAYER 1 Brown adhesive	3% cellulose	ND	None
P-7-119		LAYER 2 Blue/White tile	---	ND	None
P-7-120	Full bath 2 sink and backsplash	LAYER 1 Brown adhesive	3% cellulose	ND	None
P-7-120		LAYER 2 Blue/White tile	---	ND	None
P-7-121	Full bath 2 shower trim	LAYER 1 Brown adhesive	---	ND	None
P-7-121		LAYER 2 White/Black tile	---	ND	None
P-7-122	Full bath 2 shower trim	LAYER 1 Brown adhesive	---	ND	None
P-7-122		LAYER 2 White/Black tile	---	ND	None
P-7-123	Full bath 2 shower trim	LAYER 1 Brown adhesive	---	ND	None
P-7-123		LAYER 2 White/Black tile	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052
AZ #A20944 HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

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POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
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ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details


Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.


The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:


Joel Corso, Laboratory Analyst

Reviewed by:


Kathleen Williamson, Laboratory Manager

Date Issued

06/14/2021

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ID 1229-04-24 Parcel 7, 6540 N. Port Washington Road, Glendale, WI



WINDSOR, CONNECTICUT 06095

TELEPHONE (860) 298-9692

FAX (860) 298-6380

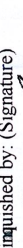

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: January 2020

Supersede Previous Edition

LAB ID #. 57027

[illegible]

Relinquished by: (Signature) 	Date: 6/5/2021	Received by: (Signature) 	Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) Tom W. Perkins	Time: 1200	(Printed) Joel Corso	(Printed)	Time: 1000	(Printed)
Remarks:		Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:			

BID FORM INSTRUCTIONS

(Please Read Carefully)

Option A: THE BIDDER INTENDS TO MAKE PAYMENT TO THE STATE OF WISCONSIN.

Option B: THE BIDDER INTENDS TO RECEIVE PAYMENT FROM THE STATE OF WISCONSIN.

1. Under the column entitled "Option A," insert the amount, if any, in numerals (dollars and cents) for each parcel that the bidder intends to pay the State of Wisconsin.
2. Under the column entitled "Option B," inset the amount, if any, in numerals (dollars and cents) for each parcel that the bidder intends to be paid by the State of Wisconsin.
3. A bid of \$0.00 is acceptable.
4. Bidder must bid on each parcel but only under one option per parcel.
5. A bid, which lists an amount under both options, will be considered an irregular bid and rejected.
6. Bidder must either leave blank or line out the blank under the option for which the bidder does not submit a bid.
7. The contract, if awarded, will be awarded based on the bid most favorable to the Department. A combined net bid is the difference between bids under Option A and Option B. Therefore, in the "Total Bid or Combined Net Bid" row on the Bid Proposal, if you bid under only one option for all parcels, enter the total amount. If you bid under Option A for some parcels and Option B for other parcels, enter the difference between the two bids. (Reference Article 6, Award of Contract)
8. The bid proposal shall remain completely intact when submitted.
9. A SEPARATE CERTIFIED CHECK, BANK'S DRAFT, BANK'S CHECK, OR POSTAL MONEY ORDER FOR THE BID AMOUNT IN THE "OPTION A" SUBTOTAL COLUMN SHALL BE ATTACHED TO THE BID PROPOSAL.
10. **PROPOSAL GUARANTY** (see Subsection 102.8 of the Standard Specifications). **ONE** OF THE FOLLOWING NEEDS TO BE COMPLETED BY THE BIDDER AND RETURNED WITH THE BID PROPOSAL: **(1)** a properly executed Bid Bond (form to be used is found near the front of this proposal – *do not* remove from bid proposal); **or (2)** a properly executed Annual Bid Bond (form to be used is found near the front of this proposal – *do not* remove from bid proposal); **or (3)** a separate certified check, bank's draft, bank's check, or postal money order in the amount of the proposal guaranty that is to be attached to the second page of this bid proposal under "Please Attach Proposal Guaranty Here."

Note: Deposit a valid surety bond with the department in the amount designated on the bond form covering both performance and payment. Submit the contract bond on a department-furnished form. This is also stated in standard spec 103.5.

BID PROPOSAL

I-43, USH 43(N) – North South Freeway – City of Glendale and Village of River Hills, Milwaukee County

Project/Parcel Number	Option A – Contractor to Pay WisDOT	Option B – Contractor to Receive Payment from WisDOT
1229-04-21 Parcel 11	\$	\$
1229-04-24 Parcel 7	\$	\$
	\$	\$
Option A Total:	\$	
Option B Total:		\$
Total Bid or Combined Net Bid		\$

PLEASE NOTE: A separate Certified Check, Bank's Draft, Bank's Check, or Postal Money Order for the Bid Amount in the "Option A" subtotal column shall be attached to this Bid Proposal – see *Bid Form Instructions* for specific information.

Firm Name

Telephone Number with Area Code (where you can be reached during business hours)

☐

Check box if Bidding Contractor is a Certified Asbestos Abatement Contractor and will perform the required asbestos removals under this contract, **OR** complete the following:

IF APPLICABLE:

I will use the following **Licensed Asbestos Abatement Subcontractor** to perform the required asbestos removal under this Contract:

Name:

Address:

Phone:

PLEASE ATTACH ADDENDA HERE

NOT FOR BIDDING PURPOSES