HIGHWAY WORK PROPOSAL – RAZING AND REMOVING

Proposal Number: Ø 1

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

COUNTY	STATE PROJECT ID	PROJECT DESCRIPTION	HIGHWAY
Winnebago	4992-03-21	Racine Street Br, C of Menasha Fox River Br and Approaches	Loc Str

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, $ 75,000 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty.
Bid submittal due Date: March 12, 2020 Time (local time): 11:00 AM	Firm name, address, city, state, zip
Contract completion time August 31, 2020	
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

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

Wisconsin Department of Transportation

DT1303 1/2006

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)

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

(Signature of Attorney-in-Fact)

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

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

Wisconsin Department of Transportation

DT1305 8/2003

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)

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.

Name of Subcontractor	Class of Work	Estimated Value

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 project in Wisconsin:

Project ID 4992-03-21, Parcel #1; Racine Street Bridge, City of Menasha, Fox River Bridge and Approaches, Local Street, Winnebago 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, 2020 Edition (hereinafter referred to as the Standard Specifications) and these special provisions, including the Additional Special Provisions (ASPs).

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

The Standard Specifications for Highway and Structure Construction, 2020 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-rsrces/rdwy/stndspec.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.

Work under this contract includes razing and removing buildings and foundations, 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 foundations, and grading the vacant site. (See Parcel Exhibits included in this proposal.) Do not disturb adjacent property.

Keep the abutting sidewalks and streets 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 and material thicknesses at contractor's 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.

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

Project	Parcel	Type of Building	Address
4992-03-21	#1	See description below.	460 Ahnaip Street Menasha, WI 54952

Building Complex Description:

The existing unoccupied building complex includes 137,115 square feet of total floor area and is situated on a long, narrow parcel (Parcel #1–see plat maps for Project I.D. 4992-03-21 included with contract documents) located between Ahnaip Street and Lawson Canal at the intersection with Racine Street, and owned by the City of Menasha Redevelopment Authority and the Wisconsin Department of Transportation. The building complex is situated on lots 5 through 16 of Parcel #1 and comprised of five building sections, labeled A through E, as shown on the project drawings. Street view photos and building interior and exterior photos are included in the contract documents. The buildings are joined together by common walls.

Building A is a three-story, 36,700 square-foot concrete and steel-framed, masonry-clad office building with full basement built in 1918 by the George Banta Publishing Company. Buildings B through D are one-story, steel framed, masonry-clad manufacturing buildings constructed of saw-tooth-shaped, riveted steel truss roofs supported on steel columns. Buildings B through D have slab-on-grade floors and total floor areas of 10,400, 29,800, and 22,500 square feet, respectively. Building C contains a small lower level with a large boiler that provides heat to Buildings B through E.

Building E is a four-story building formerly used for paper product storage. Structural framing consists of wide flange steel beams and columns. The first two floors were built in the 1950s and two additional floors were added after that. The roof structure of Building D was removed in the 1980s and replaced by a new, taller, pre-engineered metal building structure constructed inside the walls of the original building.

Building D has corrugated metal roofing. All other buildings have membrane roofing. The membrane roofing for Buildings B and C is underlain by wood plank decking spanning between the steel purlins.

Portion of Building Complex to be Razed and Removed:

The project includes removing and razing Buildings A, B, and C, which occupy lots 5 through 12 of Parcel #1. Buildings D and E (occupying lots 13 through 16) are to remain in place. In general, utility services extending into Buildings D and E are to be cut and capped just outside the Building C-D dividing line. Closure or openings in the wall that divides buildings C and D and any foundations, framing, cladding, roofing, flashing, and details to render Building D weathertight will be provided by others following demolition of Building C.

See Drawings and the Utilities Special Provision for description of utilities and equipment and their dispositions.

New right-of-way and temporary and permanent easements acquired for this project and Project 4992-03-71 (the bridge replacement and street improvement project) are shown on the plat documents included in the contract documents. All construction operations shall be limited to areas within existing or new right-of-way and Parcel #1 temporary and permanent easement areas.

Perform the following:

1. Remove the structures, foundations, furnishings, mechanical and electrical equipment, and utilities from the premises.

2. Remove and dispose of all asbestos and hazardous materials in compliance to 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. The successful bidder shall arrange for the public and/or private utility companies to disconnect their services and remove meters. Make arrangements with the local plumbing inspectors to inspect the abandonment of well and septic systems and/or sewer and water laterals. In accordance to state laws and administrative rules, licensed well driller and pump installer contractors shall accomplish all water well abandonment.

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 and motorists.

5. Upon completion of the backfilling operations of the exposed foundations, basements and other openings, fine-grade and shape the area. Also, topsoil (conforming to section 625 of the standard specifications), fertilize using Type A (conforming to section 629 of the standard specifications), seed using #40 mixture (conforming to section 630 of the standard specifications), and mulch (conforming to section 627 of the standard specifications) right-of-way and Parcel #1 areas affected. Costs for finish grading, topsoil, seeding, fertilizer, and mulch shall be incidental to the bid item Razing and Removing Building.

6. See Bid Drawings for other project requirements, located under Exhibits in the proposal.

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, Northeast Region, Attn: Abigail Ringel, 944 Vanderperren Way, Green Bay, WI 54304, Phone (920) 492-7708, 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, does 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, does 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.

Ahnaip Street, Racine Street and nearby adjoining streets shall remain open to traffic throughout construction. Provide sidewalk closures and warning signs in accordance with the traffic control plan provided on the drawings. Maintain pedestrian and vehicular access to the vacated Curtis Reed Plaza and park on the north side of Lawson Canal as shown on the traffic control plan.

Construction vehicle and equipment access to and from the construction site is provided at the east and west ends of the property. The alley behind the building serves as a connector that can be used for construction vehicles and equipment. In addition to warning signs to alert motorists to trucks entering and leaving the construction site, contractor shall provide flaggers to guide all vehicles and equipment entering and leaving the east end of the property from/onto Racine Street.

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. TRC Environmental Corporation (see contact info below) will remove any tanks discovered during the Environmental Site Assessment before razing activities begin.

Consultant:	TRC Environmental Corporation
Address:	708 Heartland Trail, Suite 3000, Madison, WI 53717
Fax:	608-826-3941
Contact:	Dan Haak
Phone:	(608) 826-3628 (office), (608) 886-7423 (mobile)
E-mail:	DHaak@trccompanies.com

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 report is provided with the Exhibits included in the PS&E package.

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) 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-Northeast Region–Attn: Abby Ringel, 944 Vanderperren Way, Green Bay, WI 54304. Or via email: Abigail.ringel@dot.wi.gov.

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-Northeast Region–Attn: Abby Ringel, 944 Vanderperren Way, Green Bay, WI 54304. Or via email : Abigail.ringel@dot.wi.gov.

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: Abigail.ringel@dot.wi.gov Or WisDOT-DTSD-Northeast Region–Attn: Abby Ringel, 944 Vanderperren Way, Green Bay, WI 54304.

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), required by law in the manner prescribed herein. https://dnr.wi.gov/warsreport/report

Provide a copy of the Well Abandonment Report form(s), within 30 days of abandonment, to: Email: Abigail.ringel@dot.wi.gov Or WisDOT-DTSD- Northeast Region–Attn: Abby Ringel, 944 Vanderperren Way, Green Bay, WI 54304.

15. Disposal of Materials.

Add the following to standard spec 104.8:

Carefully remove and salvage for owner in an undamaged condition the following items: (1) steel vault door located in the conference room on first floor, (2) precast concrete sign that reads "George Banta Publishing Company" located on the south entrance to Building A. Place salvaged items in Building D for pickup by the City of Menasha Redevelopment Authority. See Release Regarding Removal of Items form and photographs included with the exhibits attached to these special provisions.

Other than the aforementioned items, all other salvage removed from the buildings, including all building furnishings, fixtures, process equipment, mechanical and electrical equipment, utilities, finishes, cladding, windows, doors, and other appurtenances 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/cnslt-rsrces/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 located within Parcel #1, Lots 5 through 12.

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

WisDOT-DTSD-Northeast Region–Attn: Abby Ringel, 944 Vanderperren Way, Green Bay, WI 54304. Or via email : Abigail.ringel@dot.wi.gov.

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

Break and remove entirely from the site all foundation walls, basement walls, 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://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/cnslt-rsrces/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.

See Bid Drawings for other project requirements.

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, Northeast Region, Attn: Abigail Ringel, 944 Vanderperren Way, Green Bay, WI 54364, Phone: (920) 492-7708 for this inspection.

Backfill areas resulting from basement foundation, and floor removals in accordance with standard spec 204.3.1.2 to the present surrounding ground elevation. Compaction of backfill shall be in accordance with standard spec 207.3.6.2. Furnish backfill material meeting the requirements of standard spec 209 for use as backfill material where imported backfill material is required.

The Menasha Utilities Water Department has stockpiles of fill material at various sites in the City of Menasha. The material is excavated spoil from previous water main installation projects. The material is available at no charge to the contactor and may be used to backfill excavations on site if it meets the requirements of Section 209 of the standard specifications and is clean and free of contamination. Prior to using these

materials as backfill, contractor shall, at its own expense, have the material tested by a soil testing firm and an environmental consultant to demonstrate compliance with these requirements . Material shall also be approved by the engineer. To obtain locations and quantities of available fill material, contact Scott Mauer at Menasha Utilities, 321 Milwaukee Street, Menasha, WI 54952-0340, Phone: (920) 967-3422, E-mail: sgrenell@wppienergy.org.

Fill the septic systems with granular material and abandon all wells and/or sanitary sewers, if any, in compliance with all ordinances and permit requirements of the municipality in which the buildings are situated and those of the State of Wisconsin.

20. Fencing.

Furnish and erect suitable construction fencing around the entire perimeter of the portion of building complex to safeguard the public from all hazardous conditions created by the operations. Fencing shall be installed to close off portions of sidewalk along Ahnaip and Racine Streets adjacent to Buildings A through C as shown on the drawings. Install the fencing in such a manner so that the general public is prevented from falling into any openings. The fence shall be a height of at least 52 inches, and the posts shall be at least 58 inches high and spaced at a distance no greater than ten feet apart. After completion of removal and razing and after all open excavations have been backfilled satisfactorily, remove the fencing.

21. Mandatory Pre-Bid Meeting.

Prospective bidders are required to attend a mandatory pre-bid meeting at 1:00 P.M., on Thursday, March 5, 2020, at 460 Ahnaip Street in Menasha, WI. Meet at the Building A entrance located on the east end of the building complex.

No meeting minutes will be prepared. Issues discovered at the meeting will be handled by addendum.

22. Utilities.

This contract does not come under the provision of Administrative Rule Trans 220.

See drawings for utility company contacts. See drawings and this special provision for disposition of utilities and equipment.

<u>Storm Sewer, Sanitary Sewer, Water, and Natural Gas Utilities</u>

<u>Building A</u>:

1. Prepare and submit all forms required for decommissioning of equipment registered with the State of Wisconsin including but not limited to hot water boilers.

2. Remove two storm drain laterals inside building that drain to Lawson Canal. Provide minimum 6-inch thick CMU or concrete bulkhead inside pipes just outside building.

3. Remove water service lateral that runs from northeast wall of Building A to main in street. Cut and cap pipe at a location between outside of building and back of curb.

4. Remove sanitary drain lateral that runs from southeast wall of building to main in street. Cut and cap pipe at a location between outside of building and back of curb.

5. Remove storm drain lateral that exits east corner of Building A. Remove to location between building and back of curb. Provide minimum 6-inch thick CMU or concrete bulkhead inside pipe at removal locations.

6. Coordinate with the City of Menasha regarding the pipe which enters the building in the basement chiller room on the southeast wall of Building A to determine pipe use and extent of removal. The existing pipe is shown on the Existing Building Foundation Drawing.

Building B:

1. Remove storm drain lateral inside building that drain to Lawson Canal. Provide minimum 6-inch thick CMU or concrete bulkhead inside pipes just outside building.

2. Remove interior sanitary drain lateral to main routed below Building B. Provide minimum 6-inch thick CMU or concrete bulkhead inside pipe at main.

Building C:

1. Prepare and submit all forms required for decommissioning of equipment registered with the State of Wisconsin including but not limited to hot water boilers.

2. Remove three storm drain laterals inside building that drain to Lawson Canal. Provide minimum 6-inch thick CMU or concrete bulkhead inside pipes just outside building.

3. Remove fire protection water service lateral that runs from southeast wall of Building C to main in street. Cut and cap pipe at a location between outside of building and back of curb.

4. Remove fire hydrant from exterior side of southeast wall of Building C. Cut and cap pipe at a location between outside of building and back of curb.

5. Remove sanitary drain lateral to main routed below Building C. Provide minimum 6-inch thick CMU or concrete bulkhead inside pipe at main.

6. Coordinate removal of natural gas meter and branch piping from main to building with natural gas utility. All other natural gas piping shall be removed.

7. Remove backup fuel piping, supports and all accessories from across canal back to building.

Building C-D Wall:

1. Remove the natural gas pipe from 24 inches inside of Building D back to Building C.

2. Provide cap on remaining pipe in Building D.

3. Remove three fire protection pipes from 24 inches inside of Building D back to Building C. Provide caps on remaining pipe in Building D.

4. Remove the steam pipe from 24 inches inside of Building D back to Building C. Provide cap on remaining pipe in Building D.

5. Remove the water pipe from 24 inches inside of Building D back to Building C. Provide cap on remaining pipe in Building D.

6. Remove the storm pipe serving a roof drain in Building C into Building D. Provide cap on remaining pipe in Building D.

Mechanical Equipment and Interior Piping and Ductwork

1. Remove all heating and cooling equipment, piping, ductwork, insulation, supports and accessories including but not limited to air handling units, rooftop units, terminal heating equipment, chillers, boilers, pumps, condensate receivers, blowdown equipment, deaerator tanks, etc.

2. Remove all plumbing equipment, piping, supports and accessories including but not limited to water heaters, lavatories, water closets, urinals, fixtures, drains, sumps, pumps, etc. associated with sanitary, storm, and water supply systems.

3. Remove all fire protection equipment, piping, supports and accessories within the building.

Electrical, Phone, and Fiber Optic Data Services

1. Four existing overhead phone/data utility services and one underground phone/data utility service associated with Buildings A, B, and C, located where shown on the drawings, will be removed up to the building by Menasha Utilities and AT&T. Contact Menasha Utilities and AT&T to coordinate removal of the Building A, B, and C phone/data utility services at least seven calendar days prior to the start of building demolition.

2. A common primary overhead electrical utility service, routed from Ahnaip Street across the roof of Buildings B and C in conduit to pole-mounted transformers (two locations) on the north side of the building, provides electrical utility service to Buildings B and C. Building A is powered from Building B. The two transformer pole assemblies and all cabling/conduit on the secondary side of the transformers shall be removed by the raze and removal. The electrical utility service lines extending from the street, routed across the roof to the pole-mounted transformers on the north side of the building, and the pole-mounted transformers for electrical utility service to Buildings B and C will be removed by Menasha Utilities. Contact Menasha Utilities to coordinate removal of the Building B and C electrical utility services at least seven calendar days prior to the start of building demolition.

Electrical Equipment and Appurtenances

1. Remove all electrical equipment and appurtenances from the structures to be razed and removed including, but not limited to electrical panels, devices, instruments, light fixtures, disconnect switches, transformers, wire, cabling, conduit, boxes, phone/data equipment, fire alarm system equipment, surveillance and security equipment, etc.

2. The source of all wiring and cabling passing through the dividing wall between Building C and Building D shall be identified. All wiring and cabling powered from panels within Building D shall be removed back to their point of origin within Building D. All wiring and cabling powered from panels within Building C shall be cut off within Building D and abandoned within Building D. All electrical conduits passing through the dividing wall shall be cut off within Building D. All holes within the dividing wall shall be patched to match the existing wall.

23. Notice to Contractor–Soil and Groundwater Contamination

The department completed testing for soil and groundwater contamination within this project where excavation is required. Previous investigations indicate that contamination is present at the following locations:

Petroleum Contamination

- Station 1+47 NB to 2+50 NB, from reference line to limits on LT (southeast portion of building B)

Polynuclear Aromatic Hydrocarbons and Metals Contamination

- Station 2+50 NB to 3+00 NB between 0 to 6 ft. bgs, from reference line to northwestern side of former Banta Publishing Corporation building (northeast portion of building B)

Contaminated soil and/or underground storage tanks (USTs) may be encountered at other locations within the construction limits. If contaminated soil and/or USTs are encountered elsewhere on the project, terminate excavation activities in the area and

notify the engineer. Contaminated soil at other locations shall be managed by the contractor under this contract. USTs will be removed by others.

For further information regarding previous investigation and remediation activities at these sites contact:

Name:	Kathie VanPrice
	Wisconsin DOT, Northeast Region
Address:	944 Vanderperren Way
	Green Bay, WI 54304
Phone:	920-492-7175
e-mail:	kathie.vanprice@dot.wi.gov

Name:	Dan Haak
	TRC Environmental Corporation
Address:	708 Heartland Trail, Suite 3000
	Madison, WI 53717
Phone:	608-826-3628
Fax:	608-826-3941
e-mail:	dhaak@trccompanies.com

Coordination
Coordinate work under this contract with the environment consultant:

Consultant:	TRC Environmental Corporation
Address:	708 Heartland Trail, Suite 3000, Madison, WI 53717
Fax:	608-826-3941
Contact:	Dan Haak
Phone:	608-826-3628 (office), 608-886-7423 (mobile)
e-mail:	DHaak@trccompanies.com

The role of the environmental consultant will be limited to:

1. Determining the location and limits of contaminated soil and groundwater based on analytical results from previous investigations, visual observations, and field screening of soil that is excavated; and

2. Documenting that activities associated with management of contaminated soil and groundwater are in conformance with the contamination management methods for this project.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the areas of contamination to the environmental consultant. Also, notify the environmental consultant at least three calendar days prior to commencement of excavation activities in each of the contaminated areas.

Coordinate with the environmental consultant to ensure that the environmental consultant has the opportunity to be present during excavation activities in the contaminated areas. Perform excavation work in each of the contaminated areas on a continuous basis until excavation work is completed. Do not pump or haul contaminated groundwater offsite without specific approval from the environmental consultant. Do not transport contaminated soil offsite without prior approval from the environmental consultant.

Protection of Groundwater Monitoring Wells
Groundwater monitoring wells are present within the construction limits. Protect all groundwater monitoring wells to maintain their integrity. Adjust wells that do not conflict with utilities, structures, curb and gutter, etc.to be flush with the final grade. For wells that conflict with the previously mentioned items, notify the environmental consultant, and coordinate with the environmental consultant for the abandonment or adjustment of the wells by others. The environmental consultant will provide maps indicating the locations of all known monitoring wells, if requested by the contractor.

Health and Safety Requirements for Workers Remediating Contamination
During excavation activities, expect to encounter soil contaminated with gasoline, diesel fuel, fuel oil, or other petroleum related products; polycyclic aromatic hydrocarbons; and metals. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each contaminated site location as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer prior to the start of work.

Construction
Control operations in the contaminated areas to minimize the quantity of contaminated soil excavated.

Assist the environmental consultant in determining the extent of contaminated soil (if any), by performing a backhoe pit investigation, as directed by the environmental consultant, in the following area:

- Building A, approximately Station 3+00’ NB’ to 4+50’RSB’ from reference line to construction limits on left

Perform the backhoe pit investigation as soon as practical after structure foundations are removed and prior to significant excavations (if any) beginning in this area. The backhoe pit investigations shall include up to 6 test pits per location, to a maximum depth of 4 feet bgs.

The environmental consultant will periodically evaluate soil excavated from the contaminated areas to determine if the soil will require offsite disposal. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 20 cubic yards excavated.

On the basis of the results of such field-screening, coordinate with the environmental consultant the removal of contaminated soil by others.

When material is encountered outside the above-identified limits of known contamination that appears to have been impacted with petroleum or chemical products, or when other obvious potentially contaminated materials are encountered or material exhibits characteristics of industrial-type wastes, such as fly ash, foundry sand, and cinders, or when underground storage tanks are encountered, suspend excavation in that area and notify the engineer.

Some material may require additional characterization prior to disposal. Provide for the temporary stockpiling of up to 100 cubic yards of contaminated soil on-site that require additional characterization. Construct and maintain a temporary stockpile of the material according to NR 718.05(3), including, but not limited to, placement of the contaminated soil/fill material on an impervious surface and covering the stockpile with impervious material to prevent infiltration of precipitation. The environmental consultant will collect representative samples of the stockpiled material, laboratory-analyze the samples, and advise the contractor, within 10 business days of the construction of the stockpile, of disposal requirements. The stockpiled material shall be disposed by others. As an alternative to temporarily stockpiling contaminated soil/fill material that requires additional characterization, the contractor has the option to suspend excavation in those areas.

Groundwater may be present within the construction limits. Water generated during dewatering operations (if necessary) is expected to be permitted to discharge to the surface except in the contaminated areas.

Contaminated groundwater generated from dewatering activities within the contaminated areas may exceed the surface water discharge limits for petroleum compounds specified in the DNR's "General Permit to Discharge under the Wisconsin Pollutant Discharge Elimination System" for "Contaminated Groundwater from Remedial Action Operations" (WPDES Permit No. WI-0046566-5), Table 1.

Notify the environmental consultant prior to pumping contaminated groundwater.

The City of Neenah-Menasha Wastewater Treatment Plant will determine if disposal of groundwater generated from the contaminated areas can be discharged into the sanitary

sewer. Contact the City of Neenah-Menasha Wastewater Treatment Plant at 920-475-0054 prior to the discharge of contaminated groundwater to the sanitary sewer. The City of Neenah-Menasha may impose a sanitary sewer use fee and flow restrictions.

In lieu of disposal of groundwater generated from the contaminated areas in the sanitary sewer to the City of Neenah-Menasha Wastewater Treatment Plant, pump contaminated water that exceeds surface water discharge limits, as determined by environmental consultant, into temporary holding tanks or an alternative discharge point as determined by the environmental consultant, as necessary to complete construction. Allow contaminated water encountered, but not requiring removal as a standard course of construction, to remain in-place and do not manage in accordance to this special provision.

Discharging contaminated groundwater to any location other than that approved and provided by the environmental consultant, is at the contractor's cost. If the contractor chooses alternate discharge, at the contractor's cost, obtain DNR concurrence on any dewatering plans, and provide and operate any and all treatment and discharge equipment required.

Employ construction methods and techniques in a manner that will minimize the need for dewatering, and if dewatering is required, minimize the volume of water generated. Take measures to limit groundwater, surface water, and precipitation from entering and exiting excavations in the areas of contamination. Such measures, which may include berming, ditching, or other means, shall be maintained until construction of utilities in the areas of contamination are complete.

Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities. Notify the engineer of any dewatering activities, and obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statues, judiciary decisions, and regulations of the State of Wisconsin.

ADDITIONAL SPECIAL PROVISION 4

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 may also withhold routine 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.

Release of Routine Retainage

After granting substantial completion the department may reduce the routine retainage withheld from the prime contractor to 75 percent of the original total amount retained.

When the Department sends the semi-final estimate the department may reduce the routine retainage withheld from the prime contractor to 10 percent of the original total amount retained.

Within 30 calendar days of receiving the semi-final estimate from the department, submit written certification that subcontractors at all tiers are paid in full for acceptably completed work and that no routine retainage is being withheld. The department will pay the prime contractor in full and reduce the routine retainage withheld from the prime contractor to zero when the department approves the final estimate.

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.

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

Make the following revisions to the standard specifications:

104.3 Contractor Notification

Replace the entire text with the following effective with the December 2019 letting:

104.3.1 General

(1) Subsection 104.3 specifies the step-by-step communication process to be followed to expedite the resolution of potential contract revisions identified by the contractor. Both contractor actions and department responses are outlined. The contractor's non-compliance with the requirements of 104.3 may constitute a waiver of entitlement to a pay adjustment under 109.4 or a time extension under 108.10. The department and contractor can mutually agree to extend any time frame specified throughout 104.3.

104.3.2 Contractor Initial Oral Notification

(1) If required by 104.2, or if the contractor believes that the department's action, the department's lack of action, or some other situation results in or necessitates a contract revision, the contractor must promptly provide oral notification to the project engineer. Upon notification, the project engineer will attempt to resolve the identified issue.

104.3.3 Contractor 5-Day Written Statement

(1) If the project engineer has not responded or resolved the identified issue within 5 business days after receipt of initial notification, provide a contractor written statement to the project engineer in the following format:

Part 1 - Executive Summary *(label page 1.1 through page 1.x)*

Include a detailed, factual statement of the request for additional compensation and contract time. Include the date the issue was identified, the date initial notification was given to the project engineer, and the dates and specific locations of work involved.

Part 2 - Contractor's Basis of Entitlement *(label page 2.1 through page 2.x)*

Include references to relevant contract provisions and a narrative summarizing how the contract provisions support the request for a revision to the original contract.

Part 3 - Contractor's Request for Damages *(label page 3.1 through page 3.x)*

When requesting additional compensation, include an itemized list of costs with a narrative supporting the requested amount and explaining how the costs are tied to the requested contract revision.

When requesting additional contract time, include a copy of the schedule that was in effect when the issue occurred and a detailed narrative explaining how the issue impacted controlling items of work. Provide a time impact analysis utilizing base and updated schedules.

If the full extent of either compensation or time is not known at the date of submittal of the contractor 5-Day written statement, provide a brief statement as to why, and include estimated compensation and time.

Part 4 - Supporting Documentation *(label page 4.1 through page 4.x)*

Include copies of the following:

A. Relevant excerpts from specifications, special provisions, plans, change orders, or other contract documents.

B. Communication on the issue, including: letters, e-mails, meeting minutes, etc.

C. Any other documentation to support or clarify the contractor's position, including: daily work records, cost summary sheets, weigh tickets, test results, sketches, etc.

(2) With the submittal of the written statement, the contractor may also request a meeting with the region.

104.3.4 Region One-Day Written Acknowledgment

(1) Within one business day after the contractor provides the 5-day written statement, the project engineer will provide a region one-day written acknowledgment to the contractor. The project engineer will continue to resolve the issue.

104.3.5 Region 5-Day Written Response

(1) Within 5 business days after receiving the contractor 5-day written statement, the project engineer may request specific additional information to allow the project engineer to decide whether item 1 or 2 of 104.3.6(1) applies. The project engineer will state the information needed and date it is to be

received for further review. Submit additional information as an amendment to the contractor 5-day written statement.

104.3.6 Region Final Decision

(1) Within 10 business days after receiving the contractor 5-day written statement or additional information requested in 104.3.5(1), whichever comes last, the region will consider all information and provide a region final decision in writing to the contractor with one or more of the following responses:

1. The region will confirm that the contractor is entitled to a contract revision and a contract change order is necessary as specified in 104.2. The project engineer will give direction concerning the potential change.
2. The region will deny that the contractor is entitled to a contract revision. The project engineer will provide a statement as to why the issue is not a change to the contract. At a minimum, the project engineer will respond to the contractor's issues and refer to the contract to show why the issues are not a change from the original contract.

(2) If the contractor does not agree with the region's decision the contractor may pursue the issue as a claim as specified in 105.13. Alternatively, if the contractor and department mutually agree, the department will get a third-party advisory opinion according to the department's dispute resolution procedures.

(3) If a third party reviews the issue, their recommendation is not binding on either party. The region has 10 business days after receipt of the third party's written recommendation to render a decision. If the department fails to respond in writing within those 10 business days or the contractor disagrees with theregion's decision, the contractor may pursue the issue as a claim as specified in 105.13.

104.6.1.2.1 General

Replace paragraph one with the following effective with the December 2019 letting:

(1) Conduct construction operations and provide facilities required to maintain the portion of the project open to the public in a condition that safely and adequately accommodates public traffic. Use barricades, signs, flaggers, and temporary barrier as specified in part VI, of the WMUTCD and ensure that the contractor's use of the right-of-way conforms to 107.9. Throughout the life of the contract, and as the engineer directs, conduct construction operations and provide facilities as follows:

- Conduct flagging operations conforming to plan details and the department's flagging handbook.
- Use drums, barricades, and temporary barrier to delineate and shield abrupt drop-offs and other hazards.
- Furnish, erect, and maintain traffic control devices and facilities conforming to 643.
- Furnish, erect, and maintain temporary pedestrian devices and facilities conforming to 644.

104.6.1.2.2 Flagging

Replace paragraph three with the following effective with the December 2019 letting:

(3) Provide associated advanced warning signs that meet the retroreflective requirements of 637.2.2.2. Provide temporary portable rumble strips from the department's APL installed according to manufacturer's instructions and as specified in the flagging plan details. Provide guidance service through the worksite using pilot vehicles if required.

Replace paragraph five with the following effective with the December 2019 letting:

(5) Flagging is incidental to the contract and includes costs for advance signing, temporary portable rumble strips, and pilot vehicle guidance service.

104.8 Rights in the Use of Materials Found on the Project

Replace paragraph two with the following effective with the December 2019 letting:

(2) Do not excavate or remove material from within the right-of-way that is not within the vertical and horizontal excavation limits the plans show except as follows:

- If the contract does not identify potential source areas, obtain written authorization from the engineer to use those sources. Complete required environmental documentation and obtain necessary permits. The department will reduce pay by $1.50 per cubic yard under the Material from Right-of-Way administrative item for material obtained from those areas.
- If the contract identifies potential source areas that were evaluated and permitted in the original environmental document, do not begin excavating in those areas until the engineer allows in writing. Additional environmental documentation and environmental permits are not required. The department will not reduce pay for material obtained from those areas.

The department may suspend use of these sources if the contractor's operation affects the essential functions or characteristics of the project.

104.10.1 General

Replace paragraph one with the following effective with the December 2019 letting:

(1) Subsection 104.10 specifies a 2-step process for contractors to follow in submitting a cost reduction incentive (CRI) for modifying the contract in order to reduce direct construction costs computed at contract bid prices. The initial submittal is referred to as a CRI concept and the second submittal is a CRI proposal. The contractor and the department will equally share all savings generated to the contract due to a CRI as specified in 104.10.4.2(1). The department encourages the contractor to submit CRI concepts for the following situations:

1. The contractor generates the original cost savings idea and formulates it into a concept.
2. The department generates the original cost savings idea and obtains the contractor’s assistance to formulate the idea into a concept.

Replace paragraph five with the following effective with the December 2019 letting:

(5) The department will consider a CRI that changes but does not impair the essential functions or characteristics of the project. These functions or characteristics include, but are not limited to, appearance, service life, economy of operations, ease of maintenance, design, and safety of structures and pavements, construction phasing or procedures, or other contract requirements. The department will not consider a CRI that changes the following:

- Permanent pavement type.
- Permanent structural cross section above the subgrade.

104.10.2 Submittal and Review of a CRI Concept

Replace paragraphs five and six with the following effective with the December 2019 letting:

(5) The department may consider a CRI concept that addresses a potential change under 104.2.

(6) The department will not implement a contractor-initiated CRI concept, or portion of that concept, without sharing the cost savings with the contractor as specified in 104.10.4.2.

(7) The savings generated by the CRI must be sufficient to warrant its review and processing and offset the level of risk. The department will assess the risk of the CRI relative to departmental design policies and criteria for the project. The department may reject a CRI concept for the following reasons:

1. It requires excessive time or costs for the contractor to develop the CRI proposal.
2. It requires excessive time or costs for review, evaluation, investigation, or implementation.
3. It introduces an inappropriate level of risk.

104.10.4.2 Payment for the CRI Work

Replace paragraph one with the following effective with the December 2019 letting:

(1) The department will pay for completed CRI work as specified for progress payments under 109.6. The department will pay for CRI's under the Cost Reduction Incentive administrative item. When all CRI costs are determined, the department will execute a contract change order that does the following:

1. Adjusts the contract time, interim completion dates, or both.
2. Pays the contractor for the unpaid balance of the CRI work.
3. Pays the contractor 50 percent of the net savings resulting from the CRI, calculated as follows:

NS = CW - CRW - CC - DC

Where:

NS = Net Savings

CW = The cost of the work required by the original contract that is revised by the CRI. CW is computed at contract bid prices if applicable.

CRW = The cost of the revised work, computed at contract bid prices if applicable.

CC = The contractor's cost of developing the CRI proposal.

DC = The department's cost for investigating, evaluating, and implementing the CRI proposal.

105.13 Claims Process for Unresolved Changes

Replace the entire text with the following effective with the December 2019 letting:

105.13.1 General

(1) Before submitting a claim, the department and contractor can mutually agree to have the department get a third-party advisory opinion as specified in 104.3.6.

(2) The department and contractor can mutually agree to extend any time frame specified throughout 105.13 and can mutually agree to utilize an alternative dispute resolution method at any point before the department renders its final decision.

(3) The department and contractor share costs related to referral to a dispute review board (DRB) as prescribed in the department's dispute resolution procedures.

105.13.2 Notice of Claim

(1) If the contractor has followed the procedures for revising the contract specified in 104.2 and provided the notification specified in 104.3, but still disagrees with the region, the contractor may pursue the issue as a claim. File a notice of claim with the project engineer concerning the disagreement within 14 calendar days of receiving the region's decision under 104.3.6(1).

(2) The project engineer may deny the applicable portion of a claim if the contractor does not do the following:

1. File the notice of claim within 14 calendar days as specified in 105.13.2(1).
2. Give the project engineer sufficient access to keep a record of the actual labor, materials, and equipment used to perform the claimed work.

(3) Upon filing the notice of claim, maintain records as specified for force account statements in 109.4.5. Unless the project engineer issues a suspension, continue to perform the disputed work. The department will continue to make progress payments to the contractor as specified in 109.6.

105.13.3 Submission of Claim

(1) Submit the claim to the project engineer as promptly as possible following the submission of the Notice of Claim, but not later than the end of the time allowed under 109.7 for the contractor to respond in writing to the engineer-issued semi-final estimate. If the contractor does not submit the claim within that response time, the department will deny the claim.

(2) The department will not accept the submission of a claim until the resolution process in 104.3 has been completed and the contractor makes no further requests to submit updated information that may affect the region's final decision.

105.13.4 Content of Claim

(1) The final contractor written statement under 104.3.3 is considered the content of the claim. If the contractor makes a request to submit updated information that may affect the region's final decision under 104.3.6, submit the updated information as an amendment to the contractor written statement and continue the resolution process in 104.3 before submitting a claim.

(2) The department may refer the claimant of a false claim to the appropriate authority for criminal prosecution. Certify the claim using the following form:

The undersigned is duly authorized to certify this claim on behalf of (the contractor).

(The contractor) certifies that this claim is made in good faith, that the supporting data are accurate and complete to the best of (the contractor's) knowledge and belief, and that the amount requested accurately reflects the contract adjustment for which (the contractor) believes that the department is liable.

(THE CONTRACTOR)

By:_____
(Name and Title)

Date of Execution:_____

105.13.5 Department Final Decision

(1) The department will have up to 28 calendar days, from the contractor's submission of the claim, to perform a final review of the claim and conduct all meetings. The department may request, in writing, that the contractor submit additional information related to the claim. Submit that additional information, or notify the department in writing to base its decision on the information previously submitted. Either the contractor or region may request a meeting to present their views. Before the meeting, both parties will agree upon written ground rules for the meeting.

(2) Upon completion of the 28 calendar days for the department's review and meetings, the department will have up to 21 calendar days to render a written decision. The department will consider written and oral submissions from the contractor and region, and may consider other relevant information in the project records.

(3) The department will provide the following in its final decision:

1. A concise description of the claim.
2. A clear, contractual basis for its decision that includes a reference to 104.2 on revisions to the contract and as appropriate, specific reference to language regarding the bid items in question.
3. Other facts the department relies on to support its decision.
4. A concise statement of the circumstances surrounding the claim and reasons for its decision. If the department rejects the claim in whole or in part, the department will explain why the claimed work is not a change to the contract work.
5. The amount of money or other relief, if any, the department will grant the contractor.

(4) If the contractor disagrees with the department's final decision, the contractor may initiate a legal action pursuant to state statutes.

106.3.4.2.2.2 Freeze-Thaw Soundness

Replace paragraph one with the following effective with the December 2019 letting:

(1) Perform freeze-thaw soundness testing according to AASHTO T103 as modified in CMM 8-60.2. Provide freeze/thaw soundness test results based on the fraction retained on the No. 4 sieve as follows:

1. Using virgin crushed stone aggregates produced from limestone/dolomite sources in one or more of the following counties or from out of state:

Brown	Columbia	Crawford	Dane	Dodge
Fond du Lac	Grant	Green	Green Lake	Iowa
Jefferson	Lafayette	Marinette	Oconto	Outagamie
Rock	Shawano	Walworth	Winnebago	

2. Using gravel aggregates produced from pit sources in one or more of the following counties or from out of state:

Dodge	Washington	Waukesha

208.5 Payment

Replace paragraph three with the following effective with the December 2019 letting:

(3) The department will adjust pay for material obtained from within the project right-of-way limits but outside project excavation limits, furnished under 208.2.2, as specified in 104.8.

301.2.3 Sampling and Testing

Replace paragraph one with the following effective with the December 2019 letting:

(1) Department and contractor testing shall conform to the following:

Sampling[1]	AASHTO T2
Percent passing the 200 sieve	AASHTO T11
Gradation[1]	AASHTO T27
Gradation of extracted aggregate	AASHTO T30
Moisture content[1]	AASHTO T255
Liquid limit	AASHTO T89
Plasticity index	AASHTO T90
Wear	AASHTO T96
Sodium sulfate soundness (R-4, 5 cycles)	AASHTO T104
Freeze/thaw soundness[1]	AASHTO T103
Lightweight Pieces in Aggregate	AASHTO T113
Fracture	ASTM D5821 as modified in CMM 8-60
Moisture/density[1]	AASHTO T99 and AASHTO T180
In-place density[1]	AASHTO T191
Asphaltic material extraction	CMM 8-36 WisDOT Test Method 1560

[1] As modified in CMM 8-60.

301.2.4.5 Aggregate Base Physical Properties

Replace paragraph one with the following effective with the December 2019 letting:

(1) Furnish aggregates conforming to the following:

TABLE 301-2 AGGREGATE BASE PHYSICAL PROPERTIES

PROPERTY	CRUSHED STONE	CRUSHED GRAVEL	CRUSHED CONCRETE	RECLAIMED ASPHALT	REPROCESSED MATERIAL	BLENDED MATERIAL
Gradation AASHTO T27						
dense	305.2.2.1	305.2.2.1	305.2.2.1	305.2.2.2	305.2.2.1	305.2.2.1[1]
open-graded	310.2	310.2	not allowed	not allowed	not allowed	not allowed
Wear AASHTO T96 loss by weight	<=50%	<=50%	note[2]	___	note[2]	note[3]
Sodium sulfate soundness AASHTO T104 loss by weight						
dense	<=18%	<=18%	___	___	___	note[3]
open-graded	<=12%	<=12%	not allowed	not allowed	not allowed	not allowed
Freeze/thaw soundness AASHTO T103[6] loss by weight						
dense	<=18%	<=18%	note[2]	___	___	note[3]
open-graded	<=18%	<=18%	not allowed	not allowed	not allowed	not allowed
Liquid limit AASHTO T89	<=25	<=25	<=25	___	___	note[3]
Plasticity AASHTO T90	<=6[4]	<=6[4]	<=6[4]	___	___	note[3]
Fracture ASTM D5821[6] min one face by count						
dense	58%	58%	58%	___	note[5]	note[3]
open-graded	90%	90%	not allowed	not allowed	not allowed	not allowed

[1] The final aggregate blend must conform to the specified gradation.

[2] No requirement for material taken from within the project limits. For material supplied from a source outside the project limits:

- LA wear maximum of 50 percent loss, by weight.
- Freeze thaw maximum of 42 percent loss, by weight.

[3] Required as specified for the individual component materials defined in columns 2 - 6 of the table before blending.

[4] For base placed between old and new pavements, use crushed stone, crushed gravel, or crushed concrete with a plasticity index of 3 or less.

[5] >=75 percent by count of non-asphalt coated particles.

[6] as modified in CMM 8-60.

450.2.2 Aggregate Sampling and Testing

Replace paragraph one with the following effective with the December 2019 letting:

(1) The department and the contractor will sample and test according to the following methods, except as revised with the engineer's approval:

Sampling aggregates	AASHTO T2
Material finer than No. 200 sieve	AASHTO T11
Sieve analysis of aggregates	AASHTO T27
Mechanical analysis of extracted aggregate	AASHTO T30
Sieve analysis of mineral filler	AASHTO T37
Los Angeles abrasion of coarse aggregate	AASHTO T96
Freeze-thaw soundness of coarse aggregate[1]	AASHTO T103
Sodium sulfate soundness of aggregates (R-4, 5 cycles)	AASHTO T104
Extraction of bitumen	AASHTO T164

[1] As modified in CMM 8-60.2.

450.3.2.6.3 Compaction Roller Pattern Determined by Growth Curve

Add 450.3.2.6.3 as a new subsection effective with the December 2019 letting:

450.3.2.6.3 Compaction Roller Pattern Determined by Growth Curve

(1) When specified in 460.3.3.1, compact asphaltic mixture using the roller pattern established during construction of a control strip. Use 2 or more rollers per paver if placing more than 165 tons per hour.

(2) On the first day of production, construct a control strip under the direct observation of department personnel. After compacting the control strip with a minimum of 3 passes, mark the gauge outline and take a one-minute wet density measurement using a nuclear density gauge in back scatter mode at a single location. Take a density measurement at the same location after each subsequent pass. Continue compacting and testing until the increase in density is less than 1 pcf for 3 consecutive passes. Submit the final roller pattern to the engineer in writing. Once the roller pattern is established do not change the pattern or decrease the number, type, or weight of rollers without the engineer's written approval.

(3) After establishing the roller pattern, and under the direct observation of the engineer, cut at least one 4-inch diameter or larger core from the control strip density gauge outline. Prepare cores and determine density according to AASHTO T166. Dry cores after testing. Fill core holes and obtain engineer approval before opening to traffic. The department will maintain custody of cores throughout the entire sampling and testing process. The department will label cores, transport cores to testing facilities, witness testing, store dried cores, and provide subsequent verification testing.

450.3.2.8 Jointing

Replace paragraph three with the following effective with the December 2019 letting:

(3) Construct notched wedge longitudinal joints for mainline paving of HMA layers 1.75 inches or greater. Extend the wedge beyond the normal lane width as the plans show or as the engineer directs.

Replace paragraph five with the following effective with the December 2019 letting:

(5) Construct the wedge for each layer using an engineer-approved strike-off device that will provide a uniform slope and will not restrict the main screed. Shape and compact the wedge with a weighted steel side roller wheel or vibratory plate compactor the same width as the wedge. Apply a tack coat to the wedge surface and both notches before placing the adjacent lane.

(6) Clean longitudinal and transverse joints coated with dust and, if necessary, paint with hot asphaltic material, a cutback, or emulsified asphalt to ensure a tightly bonded, sealed joint.

455.2.5 Tack Coat

Replace paragraph one with the following effective with the December 2019 letting:

(1) Under the Tack Coat bid item, furnish type SS-1h, CSS-1h, QS-1h, CQS-1h, or modified emulsified asphalt with an “h” suffix, unless the contract specifies otherwise.

460.2.2.3 Aggregate Gradation Master Range

Replace paragraph one with the following effective with the December 2019 letting:

(1) Ensure that the aggregate blend, including recycled material and mineral filler, conforms to the gradation requirements in table 460-1. The values listed are design limits; production values may exceed those limits.

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.

460.2.7 HMA Mixture Design

Replace paragraph one with the following effective with the December 2019 letting:

(1) For each HMA mixture type used under the contract, develop and submit an asphaltic mixture design according to CMM 8-66 and conforming to the requirements of table 460-1 and table 460-2. Ensure that SMA mixture designs adhere to AASHTO R 46 and AASHTO M 325 in addition to the required test procedures outlined in CMM 8-66 table 1 and CMM 8-66 table 2. Determine the specific gravity of fines or super fines used as a mineral filler or additional stabilizer in SMA designs according to AASHTO T 100. The values listed are design limits; production values may exceed those limits. The department will review mixture designs and report the results of that review to the designer according to CMM 8-66.

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 8-60.2) (specified counties, max % loss)	18	18	18	18
Fractured Faces (ASTM D5821 as modified in CMM 860) (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	<= 4	<= 4	<= 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.

460.2.8.2.1.3.1 Contracts with 5000 Tons of Mixture or Greater

Replace paragraph four with the following effective with the December 2019 letting:

(4) Use the test methods identified below, or other methods the engineer approves, to perform the following tests at the frequency indicated:

Blended aggregate gradations:

Drum plants:

- Field extraction by ignition oven according to AASHTO T308 as modified in CMM 8-36.6.3.6, chemical extraction according to AASHTO T-164 method A or B; or automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1. Gradation of resulting aggregate sample determined according to AASHTO T30.
- Belt samples, optional for virgin mixtures, obtained from stopped belt or from the belt discharge using an engineer-approved sampling device and performed according to AASHTO T11 and T27.

Batch plants:

- Field extraction by ignition oven according to AASHTO T308 as modified in CMM 8-36.6.3.6, chemical extraction according to AASHTO T-164 method A or B; or automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1. Gradation of resulting aggregate sample determined according to AASHTO T30.

Asphalt content (AC) in percent:

AC by ignition oven according to AASHTO T308 (CMM 8-36.6.3.6), by chemical extraction according to AASHTO T-164 method A or B; or by automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1. Gradation of resulting aggregate sample determined according to AASHTO T30.

Bulk specific gravity of the compacted mixture according to AASHTO T166.

Maximum specific gravity according to AASHTO T209.

Air voids (Va) by calculation according to AASHTO T269.

VMA by calculation according to AASHTO R35.

460.2.8.2.1.4.2 Control Charts

Replace paragraph one with the following effective with the December 2019 letting:

(1) Maintain standardized control charts at the laboratory. Record contractor test results on the charts the same day as testing. Record data on the standardized control charts as follows:

- Blended aggregate gradation tests in percent passing. Of the following, plot sieves required in table 460-1: 37.5-mm, 25.0-mm, 19.0-mm, 12.5-mm, 9.5-mm, 4.75-mm, 2.36-mm, 1.18-mm, 0.60-mm, and 0.075-mm.
- Asphalt material content in percent.
- Air voids in percent.
- VMA in percent.

(2) Plot both the individual test point and the running average of the last 4 data points on each chart. Show QC data in black with the running average in red. Draw the warning limits with a dashed green line and the JMF limits with a dashed red line. The contractor may use computer generated black-and-white printouts with a legend that clearly identifies the specified color-coded components.

460.2.8.2.1.5 Control Limits

Replace paragraph one with the following effective with the December 2019 letting:

(1) Conform to the following control limits for the JMF and warning limits based on a running average of the last 4 data points:

ITEM	JMF LIMITS	WARNING LIMITS
Percent passing given sieve:		
37.5-mm	+/- 6.0	+/- 4.5
25.0-mm	+/- 6.0	+/- 4.5
19.0-mm	+/- 5.5	+/- 4.0
12.5-mm	+/- 5.5	+/- 4.0
9.5-mm	+/- 5.5	+/- 4.0
4.75-mm	+/- 5.0	+/- 4.0
2.36-mm	+/- 5.0	+/- 4.0
1.18-mm	+/- 4.0	+/- 3.0
0.60-mm	+/- 4.0	+/- 3.0
0.075-mm	+/- 2.0	+/- 1.5
Asphaltic content in percent	- 0.3	- 0.2
Air voids in percent[1]	+1.3/-1.0	+1.0/-0.7
VMA in percent[2]	- 0.5	- 0.2

[1] For SMA, JMF limits are +/-1.3 and warning limits are +/-1.0.

[2] VMA limits are based on requirements for each mix design nominal maximum aggregate size in table 460-1. For No. 6 (4.75mm) mixes, JMF limits are +/- 0.5 and warning limits are +/- 0.2.

460.3.2 Thickness

Replace paragraph one with the following effective with the December 2019 letting:

(1) Provide the plan thickness for lower and upper layers limited as follows:

NOMINAL SIZE	MINIMUM LAYER THICKNESS (in inches)	MAX LOWER LAYER THICKNESS (in inches)	MAX UPPER LAYER THICKNESS (in inches)	MAX SINGLE LAYER THICKNESS[3] (in inches)
No. 1 (37.5 mm)	4.5	6	4.5	6
No. 2 (25.0 mm)	3.0	5	4	6
No. 3 (19.0 mm	2.25	4	3	5
No. 4 (12.5 mm)[1]	1.75	3[2]	2.5	4
No. 5 (9.5 mm)[1]	1.25	3[2]	2	3
No. 6 (4.75 mm)	0.75	1.25	1.25	1.25

[1] SMA mixtures use nominal size No. 4 (12.5 mm) or No. 5 (9.5 mm).

[2] SMA mixtures with nominal sizes of No. 4 (12.5 mm) and No. 5 (9.5 mm) have no maximum lower layer thickness specified.

[3] For use on cross-overs and shoulders.

(2) Place leveling layers using No. 4 (12.5 mm), No. 5 (9.5 mm), or No. 6 (4.75 mm) mixtures. Leveling layers may be thinner than the minimum lower layer thickness for the mixture used.

(3) Place wedging layers as the contract specifies or engineer directs. Wedging layers have no specified minimum or maximum thickness.

460.3.3.1 Minimum Required Density

Replace paragraph one with the following effective with the December 2019 letting:

(1) Compact No. 6 mixtures in lower layers as specified in 450.3.2.6.2 and in upper layers as specified in 450.3.2.6.3. For other HMA mixtures, compact all layers to the density table 460-3 specifies.

TABLE 460-3 MINIMUM REQUIRED DENSITY[1]

LOCATION	LAYER	PERCENT OF TARGET MAXIMUM DENSITY		
		MIXTURE TYPE		
		LT and MT	HT	SMA[5]
TRAFFIC LANES[2]	LOWER	93.0[3]	93.0[4]	___
	UPPER	93.0	93.0	93.0
SHOULDERS & APPURTENANCES	LOWER	91.0	91.0	___
	UPPER	92.0	92.0	92.0

[1] The table values are for average lot density. If any individual density test result falls more than 3.0 percent below the minimum required target maximum density, the engineer will investigate the acceptability of that material according to CMM 8-15.11.

[2] Includes side roads, crossovers, turn lanes, ramps, parking lanes, bike lanes, and park-and-ride lots as defined by the contract plans.

[3] Minimum reduced by 2.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

[4] Minimum reduced by 1.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

460.3.3.2 Pavement Density Determination

Replace paragraph three with the following effective with the December 2019 letting:

(3) A lot is defined in CMM 8-15 and placed within a single layer for each location and target maximum density category indicated in table 460-3. The lot density is the average of all samples taken for that lot. The department determines the number of tests per lot according to CMM 8-15.

460.5.2.1 General

Replace paragraph six with the following effective with the December 2019 letting:

(6) If during a QV dispute resolution investigation the department discovers unacceptable mixture defined by one or more of the following:

- Va less than 2.5 or greater than 6.5 percent for SMA, or for other mixes, less than 1.5 or greater than 5.0 percent.
- VMA more than 1.0 percent below the minimum or above the maximum specified in table 460-1.
- AC more than 0.5 % below the JMF target.

Remove and replace the material, or if the engineer allows the mixture to remain in place, the department will pay for the quantity of affected material at 50 percent of the contract price.

501.2.5.5 Sampling and Testing

Replace paragraph one with the following effective with the December 2019 letting:

(1) Sample and test aggregates for concrete according to the following:

Sampling aggregates[1]	AASHTO T2
Lightweight pieces in aggregate	AASHTO T113
Material finer than No. 200 sieve[1]	AASHTO T11
Unit weight of aggregate	AASHTO T19
Organic impurities in sands	AASHTO T21
Sieve analysis of aggregates	AASHTO T27
Effect of organic impurities in fine aggregate	AASHTO T71
Los Angeles abrasion of coarse aggregate	AASHTO T96
Alkali Silica Reactivity of Aggregates	ASTM C1260
Alkali Silica Reactivity of Combinations of Cementitious Materials and Aggregates	ASTM C1567
Freeze-thaw soundness of coarse aggregate[1]	AASHTO T103
Sodium sulfate soundness of coarse aggregates (R-4, 5 cycles)	AASHTO T104
Specific gravity and absorption of fine aggregate	AASHTO T84
Specific gravity and absorption of coarse aggregate[1]	AASHTO T85
Flat & elongated pieces based on a 3:1 ratio[1]	ASTM D4791
Sampling fresh concrete	AASHTO R60
Making and curing concrete compressive strength test specimens	AASHTO T23
Compressive strength of molded concrete cylinders	AASHTO T22

[1] As modified in CMM 8-60.

505.2.2 Bar Steel Reinforcement

Replace paragraph one with the following effective with the December 2019 letting:

(1) Conform to AASHTO M31, type S or type W.

505.2.3 High-Strength Bar Steel Reinforcement

Replace paragraph one with the following effective with the December 2019 letting:

(1) Conform to AASHTO M31, grade 60, type S or type W.

505.2.4.1 General

Replace paragraph one with the following effective with the December 2019 letting:

(1) Conform to AASHTO M31, grade 60, type S or type W. Ensure that the coating is applied in a CRSI certified epoxy coating plant. Bend bars that require bending before coating, unless the fabricator can bend the bar without damaging the coating.

505.2.6.1 General

Replace paragraph one with the following effective with the December 2019 letting:

(1) For dowel bars and straight tie bars, there is no requirement for bend tests. Ensure that the bars are the specified diameter and length the plans show.

505.2.6.2.2 Solid Dowel Bars

Replace paragraph one with the following effective with the December 2019 letting:

(1) Furnish coated bars conforming to AASHTO M31 grade 40 or 60. Alternatively the contractor may furnish dowel bars conforming to AASHTO M227 grade 70-80. Coat in a plant certified by the Concrete Reinforcing Steel Institute with a thermosetting epoxy conforming to AASHTO M254, type B.

625.3.2 Processing Topsoil or Salvaged Topsoil

Delete paragraph four effective with the December 2019 letting.

701.3.1 General

Replace the entire text with the following effective with the December 2019 letting:

(1) Perform contract required QC tests for samples randomly located according to CMM 8-30. Use the test methods specified in table 701-1.

TABLE 701-1 TESTING AND CERTIFICATION STANDARDS

TEST	TEST STANDARD	MINIMUM REQUIRED CERTIFICATION (any one of the certifications listed for each test)
Random Sampling	CMM 8-30.9.2	Transportation Materials Sampling Technician (TMS) Aggregate Technician I (AGGTEC-I) AGGTEC-I Assistant Certified Technician (ACT-AGG) PCC Technician I (PCCTEC-I) PCCTEC-I Assistant Certified Technician (ACT-PCC) Grading Technician I (GRADINGTEC-I) Grading Assistant Certified Technician (ACT-GRADING)
Sampling Aggregates	AASHTO T2[1][4]	TMS, AGGTECT-1, ACT-AGG
Percent passing the No. 200 sieve	AASHTO T11[1]	AGGTEC-I, ACT-AGG
Fine and coarse aggregate gradation	AASHTO T27[1]	
Aggregate moisture content	AASHTO T255[1]	
Fractured faces	ASTM D5821[1]	
Liquid limit	AASHTO T89	Aggregate Testing for Transportation Systems (ATTS) GRADINGTEC-I, or ACT-GRADING
Plasticity index	AASHTO T90[3]	
Sampling freshly mixed concrete	AASHTO R60	PCCTEC-1 ACT-PCC
Air content of fresh concrete	AASHTO T152[2]	
Air void system of fresh concrete	AASHTO TP118[5]	
Concrete slump	AASHTO T119[2]	
Concrete temperature	ASTM C1064	
Making and curing concrete cylinders	AASHTO T23	
Moist curing for concrete cylinders	AASHTO M201	
Concrete compressive strength	AASHTO T22	Concrete Strength Tester (CST) CST Assistant Certified Technician (ACT-CST)
Concrete flexural strength	AASHTO T97	
Profiling	—	PROFILER

[1] As modified in CMM 8-60.

[2] As modified in CMM 8-70.

[3] A plasticity check, if required under individual QMP provisions, may be performed by an AGGTEC-I in addition to the certifications listed for liquid limit and plasticity index tests.

[4] Plant personnel may operate equipment to obtain samples under the direct observation of a TMS or higher.

[5] Consolidate tests by rodding only.

715.2.1 General

Replace paragraph five with the following effective with the December 2019 letting:

(5) For new lab-qualified mixes, test the air void system of the proposed concrete mix. Include the SAM number as a part of the mix design submittal.

715.3.1.1 General

Replace paragraph two with the following effective with the December 2019 letting:

(2) Test the air void system at least once per lot and enter the SAM number in the MRS for information only. SAM testing is not required for the following:

- For lots with less than 4 sublots.
- High early strength (HES) concrete.
- Special high early strength (SHES) concrete.
- Concrete placed under the following bid items:
    - Concrete Pavement Approach Slab
    - Concrete Masonry Culverts
    - Concrete Masonry Retaining Walls
    - Steel Grid Floor Concrete Filled
    - Crash Cushions Permanent
    - Crash Cushions Permanent Low Maintenance
    - Crash Cushions Temporary

730.3.1 General

Replace paragraph three with the following effective with the December 2019 letting:

(3) Stockpile tests[1] can be used for multiple projects. If placement on a project does not begin within 120 calendar days after the date the stockpile sample was obtained, retest the stockpile before placement begins.

[1] Replace the stockpile test with an in-place production test for concrete pavement recycled and processed on-site; test on the first day of production.

730.3.2 Contractor QC Testing

Replace paragraph four with the following effective with the December 2019 letting:

(4) Submit test results to the engineer within one business day of obtaining the sample, except any aggregate classification with recycled asphalt may be submitted within two business days.

730.3.4.1 Contractor QC Testing

Replace the entire text with the following effective with the December 2019 letting:

(1) For small quantity contracts with <= 500 tons, submit 2 production tests or 1 stockpile test. Production tests are valid for 3 years from the date the production sample was obtained. Begin placement within 3 years of the date sampled.

(2) For small quantity contracts with <= 6000 tons and >= 500 tons, do the following:

1. Conduct one QC stockpile test before placement.
2. Submit 2 production tests or conduct 1 loadout test instead of placement tests. Production tests are valid for 3 years from the date the production sample was obtained; the first day of placement must be within 3 years of the date sampled.
3. If the actual quantity placed is more than 6000 tons, on the next day of placement perform one additional random QC test for each 3000 tons of overrun, or fraction thereof.

740.3.2 Contractor QC Testing

Replace paragraph three with the following effective with the December 2019 letting:

(3) Field-locate the beginning and ending points for each profile run. Measure the profiles of each standard and partial segment. Define primary segments starting at a project terminus and running contiguously along the mainline to the other project terminus. Define segments one wheel path wide and distinguished by length as follows:

1. Standard segments are 500 feet long.
2. Partial segments are less than 500 feet long.

Errata

614.3.6 Thrie Beam Structure Approach Retro Fits

Correct errata by deleting the galvanization reference already required under 614.3.1.

(2) Install posts and drill holes into existing thrie beam conforming to 614.3.2.

628.3.7 Mobilizations for Erosion Control

Correct errata by clarifying that mobilizations for erosion control include proceeding with the work.

(1) Move personnel, equipment, and materials to the project site and promptly proceed with construction of erosion control items at the stages the contract indicates or the engineer directs.

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).

PS&E EXHIBITS

ALTA/LSPS Land and Title Survey

Transportation Project Plat

Asbestos Inspection Report

Phase 1 Environmental Assessment

Phase 2.5 Environmental Assessment

Existing Building Drawings (Floor Plans, Foundation/Basement Plan)

Existing Utility Drawings (Electric, Water, Sanitary, Storm, Natural Gas)

City of Menasha Permit Forms

Photos

Project Plans

Standard Detail Drawings

ALTA/LSPS Land and Title Survey

This survey coordinated, but not performed, by Commercial Due Diligence Services. Survey obtained from and certified to by a land surveyor licensed in the state property is located.

ALTA/NSPS LAND TITLE SURVEY

1 TITLE DESCRIPTION

Parcel A:
That part of Lots 139 and 140 of Block "A" in the Plat of the Town of The Island, in the Third Ward, City of Menasha, Winnebago County, Wisconsin, described as follows:
Commencing at the intersection of the East line of Oak Street and the Southerly line of Ahnaip Street; thence northeasterly, along the Southerly line of Ahnaip Street, 40 feet; thence southeasterly, at right angles with the Southerly line of Ahnaip Street, 53 feet; thence south, parallel with the East line of Oak Street, to the South line of said Lot 139; thence west, along the South line of said Lot 139 and 140, to the East line of Oak Street; thence north, along the East line of Oak Street, to the place of beginning.
ALSO, that part of Lots 138, 139 and 140 of Block "A" in the Plat of the Town of The Island, in the Third Ward, City of Menasha, Winnebago County, Wisconsin, described as follows:
Commencing at the intersection of the East line of Oak Street and the Southerly line of Ahnaip Street; thence northeasterly, along the Southerly line of said Ahnaip Street, 40 feet, the place of beginning; thence southeasterly, at right angles with the Southerly line of said Ahnaip Street, 53 feet; thence south, parallel with the East line of said Oak Street, to the South line of said Lot 139; thence east, along the South line of said Lots 139 and 138, to a point 41.6 feet west of the Southeast corner of said Lot 138; thence north, parallel with the East line of said Oak Street, 86.6 feet; thence northwesterly, along a line that is at right angles to the Southerly line of Ahnaip Street, 58.5 feet, to the Southerly line of said Ahnaip Street; thence southwesterly, along the Southerly line of said Ahnaip Street, to the place of beginning.
ALSO, that part of Lots 138 and 139 of Block "A" in the Plat of the Town of The Island, in the Third Ward, City of Menasha, Winnebago County, Wisconsin, described as follows:
Commencing at a point on the South line of said Lot 138 that is 41.6 feet West of the Southeast corner of Lot 138 of said Block "A"; thence north, parallel to the East line of Oak Street (as originally platted), 86.6 feet; thence northwesterly, along a line that is at right angles to the Southeasterly line of Ahnaip Street, 58.5 feet, to the Southeasterly line of Ahnaip Street; thence northeasterly, along the Southeasterly line of Ahnaip Street, 45.2 feet; thence southeasterly to the Northwest corner of Lot 133 of said Block "A"; thence south, along the East line of said Lot 138, to the Southeast corner of said Lot 138; thence west, along the South line of Lot 138, 41.6 feet, to the point of beginning.
ALSO, that part of Lot 129 and 130 of Block "A" in the Plat of the Town of The Island, in the Third Ward, City of Menasha, Winnebago County, Wisconsin, described as follows:
Commencing at the Northwest corner of said Lot 130; thence south, along the West line of said Lot 130, 52 feet; thence south 15 degrees 25 minutes east, along the Easterly line of Oak Street, 5.15 feet; thence easterly to a point on the East line of the West 85 feet of said Lots 129 and 130 (as originally platted) that is 50 feet south of the North line of said Lot 130; thence north 50 feet; thence westerly 85 feet to the point of beginning.

ALSO, all of Lot 163 in Block "A" in the Plat of the Town of The Island, in the Third Ward, City of Menasha, Winnebago County, Wisconsin.
Tax Key No: 3-00475-00 Address: Situated on Ahnaip Street

Parcel B:
That part of Lot 136 of Block "A" in the Plat of the Town of The Island, in the Third Ward, City of Menasha, Winnebago County, Wisconsin, per Assessor's Map of 1924, described as follows:
Commencing on the West line of said Lot at a point 5 feet north of the Southwest corner thereof; thence north 77 degrees 17 minutes east, 107.52 feet, to the Southwesterly line of Naymut Street; thence north 46 degrees 35 minutes west, along the Southwesterly line of Naymut Street, 76.45 feet, to point of intersection with the Southeasterly line of Ahnaip Street, as now laid out; thence southwesterly, along the Southeasterly line of Ahnaip Street, 67.5 feet, to point of intersection with the West line of said Lot; thence south, along the West line of said Lot, 31 feet, to the place of beginning, excepting therefrom that portion thereof heretofore conveyed for road purposes by Deeds recorded in Volume 636 on Page 285 and in Document No. 992675.
Tax Key No: 3-00481-00 Address: Situated on Naymut Street

Parcel C:
The West 55 feet, front and rear, of Lots 133 and 134, and all of Lot 137, and that part of Lot 138 which lies East of a line drawn from the Northwest corner of said Lot 133 and extending northwesterly (at right angles to the center line of Ahnaip Street), to the Northerly line of Lot 138, all in Block "A" in the Plat of the Town of The Island, in the Third Ward, City of Menasha, Winnebago County, Wisconsin, excepting therefrom that portion thereof heretofore conveyed for road purposes by Deed recorded in Document No. 992675.
Tax Key No: 3-00482-00 Address: 477 Ahnaip Street

Parcel D:
Lots 3 and 4 in the Subdivision of the Reservation of Block "A", in the Third Ward, City of Menasha, Winnebago County, Wisconsin, per Assessor's Map of 1924, excepting therefrom that portion thereof heretofore conveyed to Milwaukee & Northern Railroad Company by Deed recorded in Volume 152 on Page 91, and also excepting therefrom Certified Survey Map No. 1165 filed in Volume 1 of Certified Survey Maps on Page 1165 as Document No. 598325.
ALSO, Lots 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 48 in the Subdivision of the Reservation of Block "A", in the Third Ward, City of Menasha, Winnebago County, Wisconsin, per Assessor's Map of 1924.
ALSO, that part of Lot 49 in the Subdivision of the Reservation of Block "A", in the Third Ward, City of Menasha, Winnebago County, Wisconsin, as described in Deed recorded in Volume 480 on Page 165, excepting therefrom that portion thereof described in Agreement recorded in Document No. 568634 and also excepting therefrom that portion thereof included in Certified Survey Map No. 1165 filed in Volume 1 of Certified Survey Maps on Page 1165 as Document No. 598325.
TOGETHER WITH vacated Curtis Reed Plaza as more fully described and set forth in Agreement recorded as Document No. 568863.
Tax Key No: 3-00548-00 Address: 460 Ahnaip Street
Parcel E:
That certain tract of land designated as "Canal Point" in the Subdivision of the Reservation of Block "A", in the Third Ward, City of Menasha, Winnebago County, Wisconsin, per Assessor's Map of 1924.
Tax Key No: 3-00546-00 Address: Situated on Racine Street

The land shown in this survey is the same as that described in Chicago Title Insurance Company , Commitment # NBU No.: 21702503, Local No.: CO-6743, Effective Date February 6, 2018, and issue date of February 20, 2018.

2 TITLE INFORMATION

The Title Description and Schedule B items hereon are from Chicago Title Insurance Company , Commitment # NBU No.: 21702503, Local No.: CO-6743, Effective Date February 6, 2018, and issue date of February 20, 2018.

10 BASIS OF BEARINGS

Bearings are referenced to the Northerly right-of-way line of Ahnaip Street assumed to bear S47°11'36"W

11 SURVEYOR'S NOTES

1. No observable evidence of earth moving work, building construction or building additions within recent months.

2. No observable evidence of changes in street right of way lines completed, and available from the controlling jurisdiction and no observable evidence of recent street or sidewalk construction or repairs.

3. Property has physical access to Oak Street, a duly dedicated public right of way. There is also access being used off of Racine St., which no record was provided of it being a dedicated public right of way.

4. All statements within the certification, and other references located elsewhere hereon, related to: utilities, improvements, structures, buildings, party walls, parking, easements, servitudes, and encroachments are based solely on above ground, visible evidence, unless another source of information is specifically referenced hereon.

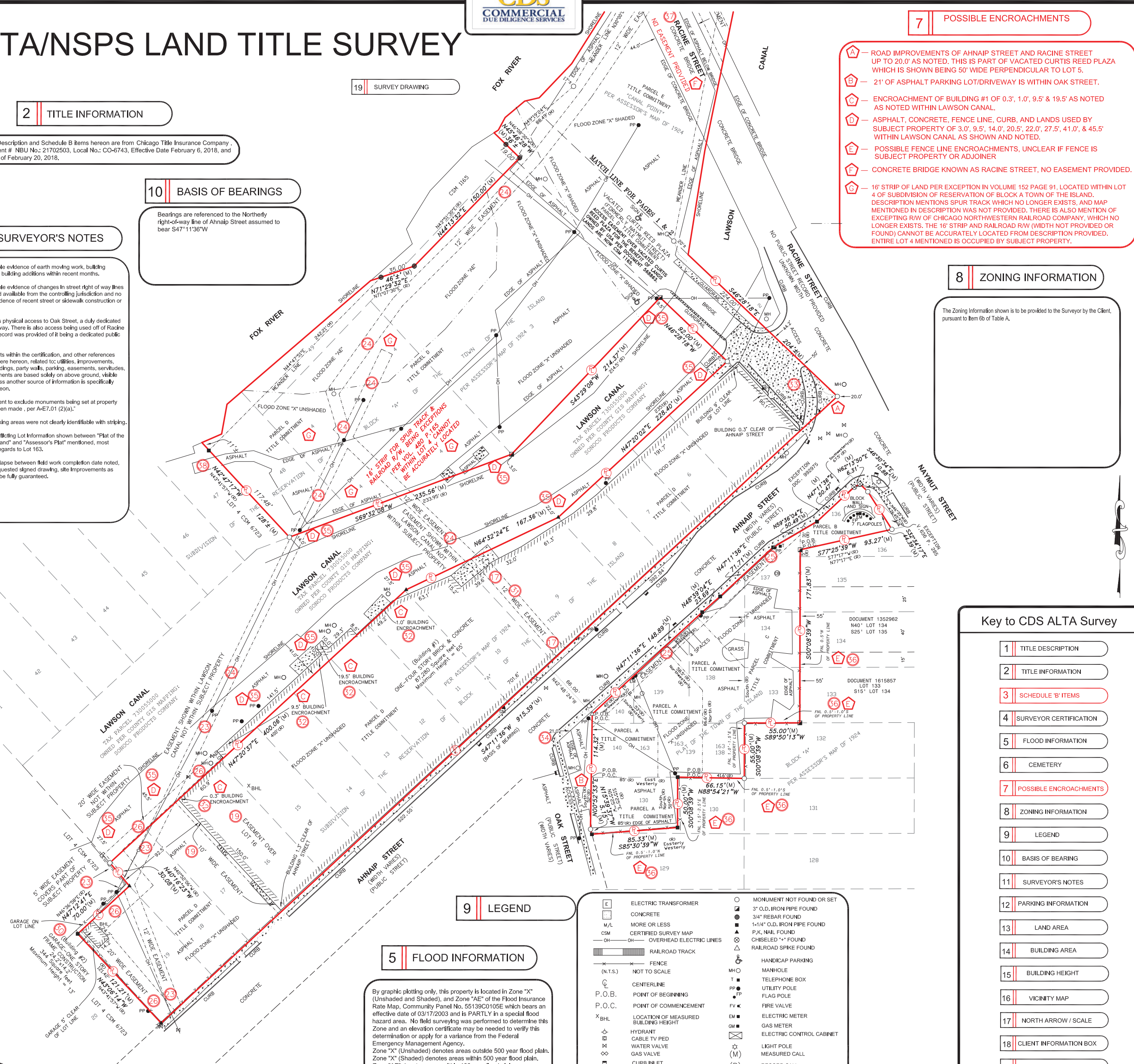
5. "An agreement to exclude monuments being set at property corners has been made , per A-E7.01 (2)(a)."

6. Several Parking areas were not clearly identifiable with striping.

7. There is conflicting Lot Information shown between "Plat of the Town of the Island" and "Assessor's Plat" mentioned, most particulary in regards to Lot 163.

8. Due to time lapse between field work completion date noted, and date of requested signed drawing, site Improvements as shown cannot be fully guaranteed.

19 SURVEY DRAWING



7 POSSIBLE ENCROACHMENTS

- A — ROAD IMPROVEMENTS OF AHNAIP STREET AND RACINE STREET UP TO 20.0' AS NOTED. THIS IS PART OF VACATED CURTIS REED PLAZA WHICH IS SHOWN BEING 50' WIDE PERPENDICULAR TO LOT 5.
- B — 21' OF ASPHALT PARKING LOT/DRIVEWAY IS WITHIN OAK STREET.
- C — ENCROACHMENT OF BUILDING #1 OF 0.3', 1.0', 9.5' & 19.5' AS NOTED AS NOTED WITHIN LAWSON CANAL.
- D — ASPHALT, CONCRETE, FENCE LINE, CURB, AND LANDS USED BY SUBJECT PROPERTY OF 3.0', 9.5', 14.0', 20.5', 22.0', 27.5', 41.0', & 45.5' WITHIN LAWSON CANAL AS SHOWN AND NOTED.
- E — POSSIBLE FENCE LINE ENCROACHMENTS, UNCLEAR IF FENCE IS SUBJECT PROPERTY OR ADJOINER
- F — CONCRETE BRIDGE KNOWN AS RACINE STREET, NO EASEMENT PROVIDED.
- G — 16' STRIP OF LAND PER EXCEPTION IN VOLUME 152 PAGE 91, LOCATED WITHIN LOT 4 OF SUBDIVISION OF RESERVATION OF BLOCK A TOWN OF THE ISLAND. DESCRIPTION MENTIONS SPUR TRACK WHICH NO LONGER EXISTS, AND MAP MENTIONED IN DESCRIPTION WAS NOT PROVIDED. THERE IS ALSO MENTION OF EXCEPTING R/W OF CHICAGO NORTHWESTERN RAILROAD COMPANY, WHICH NO LONGER EXISTS. THE 16' STRIP AND RAILROAD R/W (WIDTH NOT PROVIDED OR FOUND) CANNOT BE ACCURATELY LOCATED FROM DESCRIPTION PROVIDED. ENTIRE LOT 4 MENTIONED IS OCCUPIED BY SUBJECT PROPERTY.

8 ZONING INFORMATION

The Zoning Information shown is to be provided to the Surveyor by the Client, pursuant to Item 6b of Table A.

12 PARKING INFORMATION

4 Standard Spaces
2 Handicap Spaces

6 Total Parking Spaces

13 LAND AREA

338,000 SQ. FT./7.759 AC.±, EXCLUDING LANDS WITHIN LOT 4 BLOCK "A" MENTIONED

LOT 4 LANDS CANNOT BE ACCURATELY CALCULATED

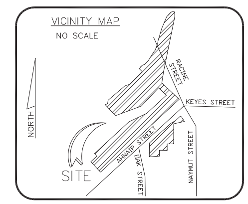
14 BUILDING AREA

Bldg 1: 87,280 square feet
Bldg 2: 344 square feet

15 BUILDING HEIGHT

Bldg 1: Height 65 feet, 1 to 4 Story
Bldg 1: Height 13 feet or 1 Story

16 VICINITY MAP



SCALE : 1" = 50'

17 NORTH ARROW / SCALE

0 25 50 100

Key to CDS ALTA Survey

1. TITLE DESCRIPTION
2. TITLE INFORMATION
3. SCHEDULE 'B' ITEMS
4. SURVEYOR CERTIFICATION
5. FLOOD INFORMATION
6. CEMETERY
7. POSSIBLE ENCROACHMENTS
8. ZONING INFORMATION
9. LEGEND
10. BASIS OF BEARING
11. SURVEYOR'S NOTES
12. PARKING INFORMATION
13. LAND AREA
14. BUILDING AREA
15. BUILDING HEIGHT
16. VICINITY MAP
17. NORTH ARROW / SCALE
18. CLIENT INFORMATION BOX
19. SURVEY DRAWING
20. PROJECT ADDRESS

18 ALTA/ACSM Land Title Survey

This survey prepared in accordance with the "Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys (Effective February 23, 2016)

This Work Coordinated By:
FA Business Services, LLC D/B/A
CDS COMMERCIAL DUE DILIGENCE SERVICES
3550 W. Robinson Street, Third Floor
Norman, Oklahoma 73072
Office: 405.253.2444
Toll Free: 888.457.7878

Drwn By: AJS	Date: 6/23/2016 Revision: Comments
Surveyor Ref.No: 201722-3.dwg	Date: 7/1/2016 Revision: Comments
Aprvd By: AJS	Date: 2/28/2018 Revision: Revised Title
Field Date: 6/10/2016	Date: 3/7/2018 Revision: Lot 163
Scale: 1"=50'	

Prepared For:

Client Ref. No:

20 PROJECT ADDRESS

460 AHNAIP STREET, MENASHA, WI.

Project Name:
AHNAIP ROAD-MENASHA, WI
CDS Project Number:
16-05-0277

4 SURVEYOR CERTIFICATION

To
Chicago Title Insurance Company
Commercial Due Diligence Services
Redevelopment Authority of the City of Menasha

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 2, 3, 4, 6(b), 7(a), 7(b)(1), 7(c), 8, 9, 14, 16, 17 and 20 of Table A thereof.

The field work was completed on 6/10/2016.
Date of Plat or Map: 3/7/2018

Andrew J. Shie
Surveyor's signature
Andrew J. Shie
Wisconsin Professional Land Surveyor S-2504
andy@foxvalleylandsurveying.com

WISCONSIN ANDREW J. SHIE S-2504 BERLIN WIS. LAND SURVEYOR

Approved CDS Surveyor

Surveyors Name: Andrew J. Shie
Address: 2909 W. Tillman St, Appleton, WI
Telephone Number: 920-410-3379
email: andy@foxvalleylandsurveying.com

6 CEMETERY

There is no visible evidence of cemeteries on the subject property at the time of survey.

5 FLOOD INFORMATION

By graphic plotting only, this property is located in Zone "X" (Unshaded and Shaded), and Zone "AE" of the Flood Insurance Rate Map, Community Panel No. 55139C0105E which bears an effective date of 03/17/2003 and is PARTLY in a special flood hazard area. No field surveying was performed to determine this Zone and an elevation certificate may be needed to verify this determination or apply for a variance from the Federal Emergency Management Agency.
Zone "X" (Unshaded) denotes areas outside 500 year flood plain.
Zone "X" (Shaded) denotes areas within 500 year flood plain.
Zone "AE" denotes areas within 100 year flood plain.

9 LEGEND

- E — ELECTRIC TRANSFORMER
- CONCRETE
- M/L — MORE OR LESS
- CSM — CERTIFIED SURVEY MAP
- OH — OVERHEAD ELECTRIC LINES
- RAILROAD TRACK
- FENCE
- (N.T.S.) — NOT TO SCALE
- CENTERLINE
- P.O.B. — POINT OF BEGINNING
- P.O.C. — POINT OF COMMENCEMENT
- X BHL — LOCATION OF MEASURED BUILDING HEIGHT
- HYDRANT
- CABLE TV PED
- WATER VALVE
- GAS VALVE
- CURB INLET
- CB — CATCH BASIN
- A/C — AIR CONDITIONER
- MONUMENT NOT FOUND OR SET
- 3" O.D. IRON PIPE FOUND
- 3/4" REBAR FOUND
- 1-1/4" O.D. IRON PIPE FOUND
- P.K. NAIL FOUND
- CHISELED "+" FOUND
- RAILROAD SPIKE FOUND
- HANDICAP PARKING
- MH — MANHOLE
- T — TELEPHONE BOX
- PP — UTILITY POLE
- FP — FLAG POLE
- FV — FIRE VALVE
- EM — ELECTRIC METER
- GM — GAS METER
- ELECTRIC CONTROL CABINET
- LIGHT POLE
- (M) — MEASURED CALL
- (R) — RECORD CALL
- PL — PROPERTY LINE

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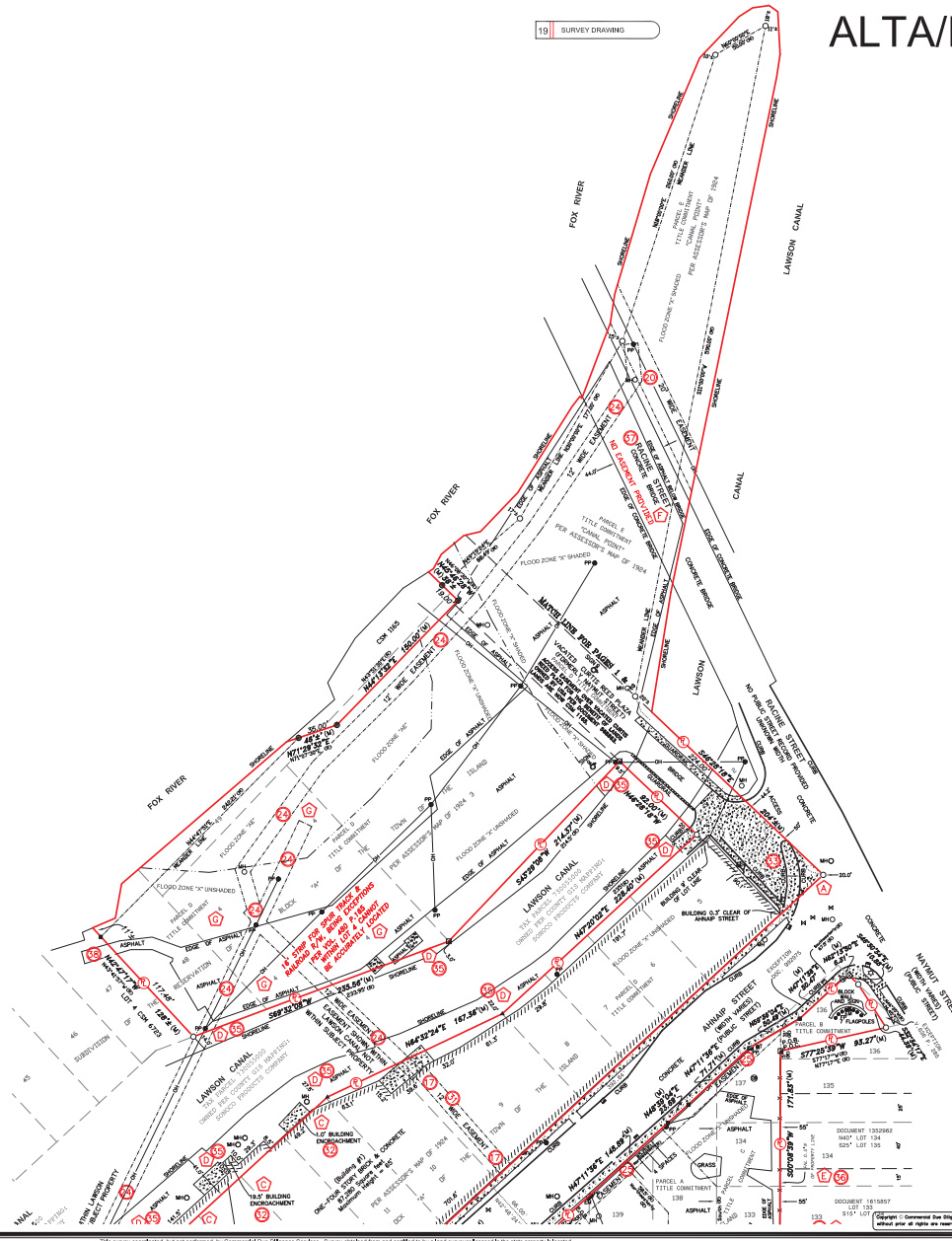
This survey coordinated, but not performed, by Commercial Due Diligence Services. Survey obtained from and certified to by a land surveyor licensed in the state property is located.

This survey coordinated, but not performed, by Commercial Due Diligence Services. Survey obtained from and certified to by a land surveyor licensed in the state property is located.

CDS COMMERCIAL DUE DILIGENCE SERVICES

ALTA/NSPS LAND TITLE SURVEY

19 SURVEY DRAWING



3 SCHEDULE 'B' ITEMS

NOTES CORRESPONDING TO SCHEDULE "B" SECTION II:

14. Right of Way, recorded on February 7, 1981 in Volume 125 on Page 75. (Affects Parcel D). AFFECTS SUBJECT PROPERTY, NO PLOTTABLE ITEMS
15. Easement granted to the Chicago Northwestern Railway Company, recorded on November 26, 1900 in Volume 232 on Page 115. (Affects Parcel D). AFFECTS SUBJECT PROPERTY, NO PLOTTABLE ITEMS
17. Easement granted to the City of Menasha, recorded on June 24, 1925 in Volume 359 on Page 361. AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
18. Easement granted to the City of Menasha, as set forth on a document, recorded on November 8, 1950 as Document No. 178795. (Affects Parcel D). AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
19. Easement(s) for the purpose(s) and rights incidental thereto, as granted in an Easement, granted to the City of Menasha, for utility purposes, recorded on September 11, 1969, as Document No. 388154. (Affects Parcel D). AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
22. Easement(s) for the purpose(s) and rights incidental thereto, as granted in a City of Menasha Electric Line Right-of-Way Easement, granted to the City of Menasha, for utility purposes, recorded on July 15, 1994, as Document No. 881653. (Affects Parcel D). AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN, ALSO PART OF THIS EASEMENT IS NOT WITHIN SUBJECT PROPERTY AS NOTED.
23. Easement(s) for the purpose(s) and rights incidental thereto, as granted in a City of Menasha Electric Line Right-of-Way Easement, granted to the City of Menasha, for utility purposes, recorded on July 15, 1994, as Document No. 881654. (Affects Parcel D). AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN, ALSO PART OF THIS EASEMENT IS NOT WITHIN SUBJECT PROPERTY AS NOTED.
24. Easement(s) for the purpose(s) and rights incidental thereto, as granted in a the City of Menasha Electric Line and Water Main Right-of-Way Easement, granted to the City of Menasha, for utility purposes, recorded on July 29, 1998, as Document No. 1019393. (Affects Parcels A, B and C). AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
25. Easement Agreement, by and between Banta Corporation, a Wisconsin corporation and the City of Menasha, acting through the Water & Light Commission, recorded on May 25, 2004 as Document No. 1312677. (Affects Parcel D). AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN, ALSO PART OF THIS EASEMENT IS NOT WITHIN SUBJECT PROPERTY AS NOTED.
30. Encroachment of a garage (building #2) over the easement described in Document No. 1312677, and referenced on the survey completed by FA Business Services, LLC D/B/A CDS Commercial Due Diligence Services, dated June 23, 2016 and signed February 8, 2018 as Project No. 16-05-0277. AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
31. Encroachment of a building (building #1) over the easements described in Volume 359 Page 361 and Document No. 178795, and referenced on the survey completed by FA Business Services, LLC D/B/A CDS Commercial Due Diligence Services, dated June 23, 2016 and signed February 8, 2018 as Project No. 16-05-0277. AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
32. Encroachment of a building (building #1) over the West Lot line by various distances of 0.3 feet to 19.5 within Lawson Canal, and referenced on the survey completed by FA Business Services, LLC D/B/A CDS Commercial Due Diligence Services, dated June 23, 2016 and signed February 8, 2018 as Project No. 16-05-0277. AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
33. Encroachment of road improvements (of Racine Street and Ahnaip Street), guardrail and curb over Parcel D and referenced on the survey completed by FA Business Services, LLC D/B/A CDS Commercial Due Diligence Services, dated June 23, 2016 and signed February 8, 2018 as Project No. 16-05-0277. AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
34. Encroachment of asphalt lot/driveway by as much as 21 feet within Oak Street, and referenced on the survey completed by FA Business Services, LLC D/B/A CDS Commercial Due Diligence Services, dated June 23, 2016 and signed February 8, 2018 as Project No. 16-05-0277. AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
35. Encroachment of asphalt, concrete, fence line, curb and lands (Parcel D) by various distances of 3.0 feet to 45.5 feet within Lawson Canal, and referenced on the survey completed by FA Business Services, LLC D/B/A CDS Commercial Due Diligence Services, dated June 23, 2016 and signed February 8, 2018 as Project No. 16-05-0277. AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
36. Consequences, if any, due to the location of a fence which does not sit entirely on the South and East lot lines (Parcels A and C), and referenced on the survey completed by FA Business Services, LLC D/B/A CDS Commercial Due Diligence Services, dated June 23, 2016 and signed February 8, 2018 as Project No. 16-05-0277. AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
37. Encroachment of a concrete bridge (Racine Street) over and upon Parcel E, and referenced on the survey completed by FA Business Services, LLC D/B/A CDS Commercial Due Diligence Services, dated June 23, 2016 and signed February 8, 2018 as Project No. 16-05-0277. AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN
38. Encroachment of asphalt over the Southwest lot line of Parcel D, and referenced on the survey completed by FA Business Services, LLC D/B/A CDS Commercial Due Diligence Services, dated June 23, 2016 and signed February 8, 2018 as Project No. 16-05-0277. AFFECTS SUBJECT PROPERTY, PLOTTED AS SHOWN

Exception numbers 1-13,16,20, 21,26-29 and 39 are not Survey Related Items, and are not mentioned.

SCALE : 1" = 50'

17 NORTH ARROW / SCALE

0 25 50 100

Key to CDS ALTA Survey

1 TITLE DESCRIPTION
2 TITLE INFORMATION
3 SCHEDULE 'B' ITEMS
4 SURVEYOR CERTIFICATION
5 FLOOD INFORMATION
6 CEMETERY
7 POSSIBLE ENCROACHMENTS
8 ZONING INFORMATION
9 LEGEND
10 BASIS OF BEARING
11 SURVEYOR'S NOTES
12 PARKING INFORMATION
13 LAND AREA
14 BUILDING AREA
15 BUILDING HEIGHT
16 VICINITY MAP
17 NORTH ARROW / SCALE
18 CLIENT INFORMATION BOX
19 SURVEY DRAWING
20 PROJECT ADDRESS

18 ALTA/ACSM Land Title Survey

This survey prepared in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys (Effective February 23, 2016)

This Work Coordinated By:
FA Business Services, LLC D/B/A

CDS COMMERCIAL DUE DILIGENCE SERVICES

3550 W. Robinson Street, Third Floor
Norman, Oklahoma 73072
Office: 405.253.2444
Toll Free: 888.457.7878

Drawn By: AJS	Date: 6/23/2016
Surveyor Ref.No: 201722-3.dwg	Revision: Comments
Aprvd By: AJS	Date: 7/1/2016
Field Date: 6/10/2016	Revision: Comments
Scale: 1"=50'	Date: 2/28/2018
	Revision: Revised Title
	Date:
	Revision:

Prepared For:

Client Ref. No:

20 PROJECT ADDRESS

460 AHNAIP STREET, MENASHA, WI.

Project Name:
AHNAIP ROAD-MENASHA, WI

CDS Project Number:
16-05-0277

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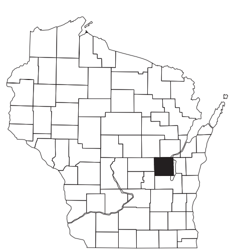
Transportation Project Plat

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
4992-03-21
RACINE STREET BRIDGE, CITY OF MENASHA
FOX RIVER BRIDGE & APPROACHES
LOCAL STREET
WINNEBAGO COUNTY



CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC) (TYPE)
FEE ACQUISITION AREA (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (HIGHWAY, PERMANENT LIMITED, OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
BUILDING TO BE RAZED
NATIONAL GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT

SECTION CORNER
NOTATION FOR COMBUSTABLE FLUIDS (CAUTION)
NOTATION FOR HIGH VOLTAGE TRANSMISSION LINES (CAUTION)
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1" UNLESS NOTED) IP
VALVE (GAS, WATER, ETC.) (TYPE)
SIGN
OFF-PREMISE SIGN

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

ACCESS CONTROLLED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
BRIDGE
PARCEL NUMBER (25)
UTILITY NUMBER (40)

CONVENTIONAL ABBREVIATIONS

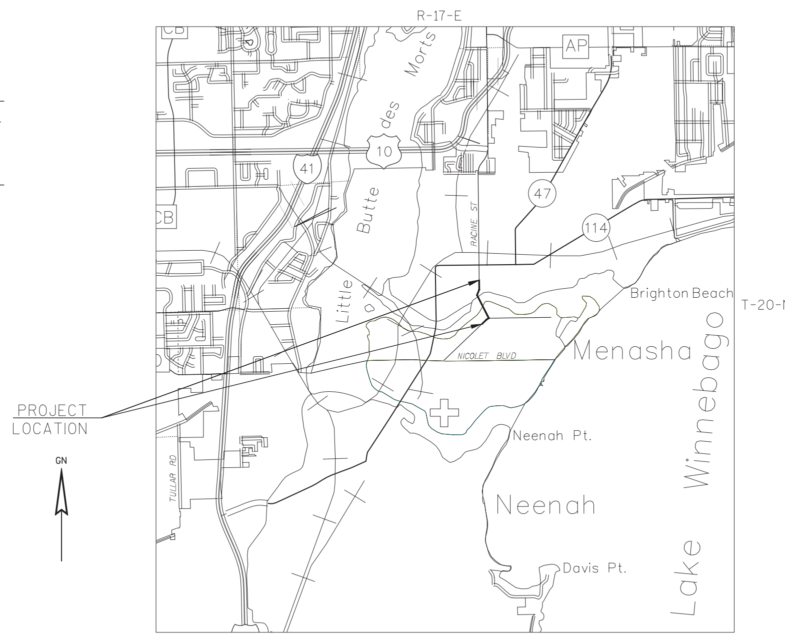
ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RIGHT	RT
CENTERLINE	C/L	RIGHT OF WAY	R/W
CERTIFIED SURVEY MAP	CSM	SECTION	SEC
CONCRETE	CONC	SEPTIC VENT	SEPV
COUNTY	CO	SQUARE FEET	SF
COUNTY TRUNK HIGHWAY	CTH	STATE TRUNK HIGHWAY	STH
DISTANCE	DIST	STATION	STA
CORNER	COR	SUBDIVISION	SUBD
DOCUMENT NUMBER	DOC	TANGENT	TAN
EASEMENT	EASE	TELEPHONE PEDESTAL	TP
EXISTING	EX	TEMPORARY LIMITED EASEMENT	TLE
GAS VALVE	GV	TRANSPORTATION PROJECT PLAT	TPP
GRID NORTH	GN	UNITED STATES HIGHWAY	USH
HIGHWAY EASEMENT	HE	VOLUME	V
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		

CURVE DATA

LONG CHORD	LC
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	Δ
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS



THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 4992-03-21

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WINNEBAGO COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" X 24" IRON PIPE), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

A HIGHWAY EASEMENT (HE) IS AN EASEMENT FOR HIGHWAY PURPOSES, AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF MENASHA.

TLE AREAS ARE TO THE FACE OF THE BUILDING FOR SLOPING, NOT WITHIN THE BUILDING.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS:

EXISTING HIGHWAY RIGHT OF WAY FOR RACINE STREET ESTABLISHED FROM PREVIOUS PROJECT U 09-1(16), THE PLAT OF MENASHA (TWO ADDITIONS), CSM 2549, AND DOC. #240079.

EXISTING HIGHWAY RIGHT OF WAY FOR AHNAIP STREET ESTABLISHED FROM PREVIOUS PROJECT U 09-1(16), ASSESSOR'S MAP OF 1924, PLAT OF SURVEY F-268, DOC. #992675, AND ALTA SURVEY OF 460 AHNAIP STREET DATED 3/7/2018.

EXISTING HIGHWAY RIGHT OF WAY FOR NASSAU STREET ESTABLISHED FROM ASSESSOR'S MAP OF 1924 AND PLAT OF SURVEY F-268.

EXISTING HIGHWAY RIGHT OF WAY FOR OAK STREET ESTABLISHED FROM PLAT OF SURVEY F-268.

EXISTING HIGHWAY RIGHT OF WAY FOR NAYMUT STREET ESTABLISHED FROM PREVIOUS PROJECT U 09-1(16), THE PLAT OF THE TOWN OF THE ISLAND, AND ASSESSOR'S MAP OF 1924.

EXISTING HIGHWAY RIGHT OF WAY FOR KEYES STREET ESTABLISHED FROM ASSESSOR'S MAP OF 1924 AND GROVE PARK SUBDIVISION.

EXISTING HIGHWAY RIGHT OF WAY FOR RIVERWAY ESTABLISHED FROM GROVE PARK SUBDIVISION.

EXISTING HIGHWAY RIGHT OF WAY FOR MAIN STREET (PREVIOUSLY NAMED CHUTE STREET) ESTABLISHED FROM ORIGINAL PLAT OF MENASHA (TWO ADDITIONS), ASSESSOR'S MAP OF 1924, AND PLAT OF SURVEY F-250.

EXISTING HIGHWAY RIGHT OF WAY FOR BROAD STREET ESTABLISHED FROM THE PLAT OF MENASHA (TWO ADDITIONS), ASSESSOR'S MAP OF 1924, AND PREVIOUS PROJECT 4992-00-55.

EXISTING HIGHWAY RIGHT OF WAY FOR FIRST STREET ESTABLISHED FROM THE PLAT OF MENASHA (TWO ADDITIONS) AND ASSESSOR'S MAP OF 1924.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4992-03-21 - 4.01
SHEET 2 OF 2
AMENDMENT NO:

TRANSPORTATION PROJECT PLAT NO: 4992-03-21 -4.01

THAT PART OF LOTS 10, 11, 12, 13, 14, 15, 16, 17, & 18, AND PART OF A TRACT OF LAND MARKED "CANAL" LOCATED IN THE SUBDIVISION OF THE RESERVATION OF BLOCK A, PER ASSESSOR'S MAP OF 1924, IN SECTION 22, TOWNSHIP 20 NORTH, RANGE 17 EAST, THE THIRD WARD, CITY OF MENASHA, WINNEBAGO COUNTY, WISCONSIN.

RELOCATION ORDER RACINE STREET BRIDGE FOX RIVER BRIDGE & APPROACHES (LOCAL STREET) WINNEBAGO COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WINNEBAGO COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR AHNAIP STREET ESTABLISHED FROM ASSESSOR'S MAP OF 1924, PLAT OF SURVEY F-268, AND ALTA SURVEY OF 460 AHNAIP STREET DATED 3/7/2018.
EXISTING HIGHWAY RIGHT-OF-WAY FOR NASSAU STREET ESTABLISHED FROM ASSESSOR'S MAP OF 1924 AND PLAT OF SURVEY F-268.
EXISTING HIGHWAY RIGHT-OF-WAY FOR OAK STREET ESTABLISHED FROM PLAT OF SURVEY F-268.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF MENASHA.

FOR ADDITIONAL INFORMATION REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2.

SCHEDULE OF LANDS & INTERESTS REQUIRED								
PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W SQ. FT. REQUIRED			T.L.E. SQ. FT.	P.L.E. SQ. FT.	H.E. SQ. FT.
			NEW	EXISTING	TOTAL			
1	THE REDEVELOPMENT AUTHORITY OF THE CITY OF MENASHA	TLE	---	---	---	72,750	---	---
2	NEENAH & MENASHA WATER POWER COMPANY	TLE	---	---	---	11,579	---	---

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

GN

0 50 100

SCALE, FEET

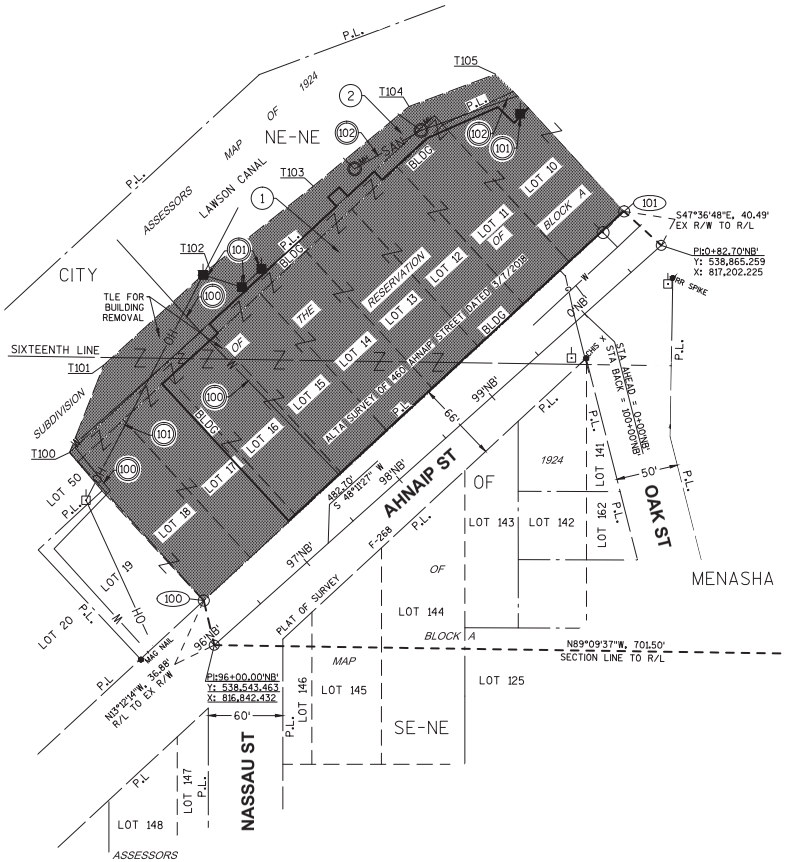
DOC# 1778370
NATALIE STROHMEYER
REGISTER OF DEEDS
WINNEBAGO COUNTY, WI
RECORDED ON:
10/30/2018 01:40 PM
RECORDING FEE:
PAGES: 2
File 1 of TPPF p 294

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4992-03-21 -4.01
SHEET 1 OF 2
AMENDMENT NO:___

R/W STATION AND OFFSET TABLE		
POINT NO.	STATION	OFFSET
100	96+17.66'NB'	32.38'
101	0+78.61'NB'	40.29'

R/W COURSE TABLE		
POINT-POINT	BEARING	DISTANCE
100-101	N47° 12' 31"E	461.02'

TLE STATION AND OFFSET TABLE		
POINT NO.	STATION	OFFSET
T100	96+16.65'NB'	193.19'
T101	96+83.98'NB'	227.98'
T102	97+99.31'NB'	228.37'
T103	99+05.78'NB'	222.15'
T104	0+05.87'NB'	218.64'
T105	0+75.14'NB'	191.67'

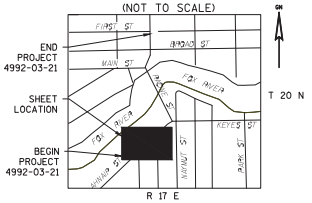


FOUND BERNTSEN MONUMENT
NORTH MEANDER CORNER
ON EAST LINE OF
SECTION 22
Y=539,842.977
X=817,563.057

T 20 N
M.C.
22 23
R 17 E

FOUND BERNTSEN MONUMENT
Y=537,455.087
X=817,528.0590

PROJECT LOCATION
(NOT TO SCALE)



UTILITY SCHEDULE & INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
100	MENASHA UTILITIES-WATER	RELEASE OF RIGHTS
101	MENASHA UTILITIES-ELECTRIC	RELEASE OF RIGHTS
102	CITY OF MENASHA-SEWER	RELEASE OF RIGHTS

(100) MENASHA UTILITIES-WATER
DOC.245548-PARCEL 1
DOC.245549-PARCEL 1
DOC.1312677-PARCEL 1
DOC.178795-PARCEL 1
DOC.1227576-PARCEL 2

(101) MENASHA UTILITIES-ELECTRIC
DOC.881653-PARCEL 1 (LOTS 17 & 18)
NO RECORDED EASEMENT-PARCEL 1 (LOT 10)
NO RECORDED EASEMENT-PARCEL 2

(102) CITY OF MENASHA-SEWER
NO RECORDED EASEMENT-PARCEL 1
NO RECORDED EASEMENT-PARCEL 2

JT ENGINEERING, INC Consultant Services
1077 CENTENNIAL CENTRE BLVD.
HOBART, WI 54155
920-468-4771

I, CAROLYN J. SAMPSON, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT 4992-03-21-4.01 AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN CAROLYN J. SAMPSON S-3045 GREEN BAY WI LAND SURVEYOR

SIGNATURE: Carolyn J Sampson DATE: 10-25-2018
PRINT NAME: CAROLYN J. SAMPSON
REGISTRATION NUMBER: S-3045

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION
NE REGION - GREEN BAY
SIGNATURE: Curt Van Erem DATE: 10-29-2018
PRINT NAME: CURT VAN EREM

FILE NAME : X:\PROJECTS\WINNEBAGO\4992-03-00 RACINE ST BRIDGE\170038 RACINE ST. BRIDGE - PHASE II\DESIGN\C3D\SHEETSPLAN\040102- RP.DWG LOT DATE : 10/25/2018 3:38 PM PLOT BY : CHAD KWIATKOWSKI PLOT NAME : PLOT SCALE : **********
APPRAISAL PLAT DATE : _____

TRANSPORTATION PROJECT PLAT NO: 4992-03-21 -4.02 AMENDMENT NO: 2

AMENDS PARCEL 2 OF TRANSPORTATION PROJECT PLAT 4992-03-21 -4.02, RECORDED AS DOCUMENT NO. 1782858 AND AMENDS PARCEL 1 OF TRANSPORTATION PROJECT PLAT 4992-03-21 -4.02 AMENDMENT 1, RECORDED AS DOCUMENT NO. 1786024.

THAT PART OF LOTS 5, 6, 7, 8, & 9, PART OF VACATED CURTIS REED PLAZA, PART OF CANAL POINT, AND PART OF A TRACT OF LAND MARKED "CANAL" LOCATED IN THE SUBDIVISION OF THE RESERVATION OF BLOCK A, PER ASSESSOR'S MAP OF 1924; AND LOTS 135, 136, 137, 138, AND 139 LOCATED IN BLOCK A OF THE PLAT OF THE TOWN OF THE ISLAND, PER ASSESSOR'S MAP OF 1924, ALL IN GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 20 NORTH, RANGE 17 EAST; AND THAT PART OF LOT 1 OF THE SUBDIVISION OF LOT 5 OF THE SUBDIVISION OF FRACTIONAL LOT 3, PER ASSESSOR'S MAP OF 1924 AND PART OF LOT 11 LOCATED IN BLOCK 2 OF GROVE PARK SUBDIVISION OF LOT 4 OF GOVERNMENT LOT 3, SECTION 23, TOWNSHIP 20 NORTH, RANGE 17 EAST, ALL IN THE CITY OF MENASHA, WINNEBAGO COUNTY, WISCONSIN.

RELOCATION ORDER RACINE STREET BRIDGE FOX RIVER BRIDGE & APPROACHES (LOCAL STREET) WINNEBAGO COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WINNEBAGO COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR RACINE STREET ESTABLISHED FROM PREVIOUS PROJECT U 09-1(16).
EXISTING HIGHWAY RIGHT-OF-WAY FOR AHNAIP STREET ESTABLISHED FROM PREVIOUS PROJECT U 09-1(16), ASSESSOR'S MAP OF 1924, PLAT OF SURVEY F-268, DOC. #992675, AND ALTA/NSPS LAND TITLE SURVEY DATED 3/7/2018.
EXISTING HIGHWAY RIGHT-OF-WAY FOR OAK STREET ESTABLISHED FROM PLAT OF SURVEY F-268.
EXISTING HIGHWAY RIGHT-OF-WAY FOR NAYMUT STREET ESTABLISHED FROM PREVIOUS PROJECT U 09-1(16), THE PLAT OF THE TOWN OF THE ISLAND, AND ASSESSOR'S MAP OF 1924.
EXISTING HIGHWAY RIGHT-OF-WAY FOR KEYES STREET ESTABLISHED FROM ASSESSOR'S MAP OF 1924 AND GROVE PARK SUBDIVISION.
EXISTING HIGHWAY RIGHT-OF-WAY FOR RIVERWAY ESTABLISHED FROM GROVE PARK SUBDIVISION.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF MENASHA.

PURPOSE FOR TLE'S IS FOR GRADING, UNLESS NOTED, BUILDINGS WILL NOT BE AFFECTED.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN CABINET 1 OF TRANSPORTATION PLATS, PAGE 294, AS DOCUMENT NO. 1778370 FOR ADDITIONAL INFORMATION.

THE ACQUISITION AREAS THAT ABUT THE FOX RIVER ARE TO THE WATERS EDGE.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W SQ. FT. REQUIRED NEW	EXISTING	TOTAL	T.L.E. SQ. FT.	P.L.E. SQ. FT.	H.E. SQ. FT.
1	THE REDEVELOPMENT AUTHORITY OF THE CITY OF MENASHA	FEE, TLE & PLE	25,854	---	25,854	67,552	7,015	---
2	NEENAH & MENASHA WATER POWER COMPANY	TLE & PLE	---	---	---	5,205	23	---
3	KOUA THAO & JOUA YANG	TLE	---	---	---	222	---	---
4	GUY K. BODDE & LISA A. HENNIG	TLE	---	---	---	66	---	---
6	WADE J. & KIMBERLY A. BITTNER	FEE & TLE	10	---	10	92	---	---
7	JEREMY R. & EMILY S. GORDEE	FEE & TLE	55	---	55	131	---	---

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY SCHEDULE & INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
100	MENASHA UTILITIES-WATER	RELEASE OF RIGHTS
101	MENASHA UTILITIES-ELECTRIC	RELEASE OF RIGHTS
102	CITY OF MENASHA-SEWER	RELEASE OF RIGHTS
103	AT&T WISCONSIN-COMMUNICATION	RELEASE OF RIGHTS

(100) MENASHA UTILITIES-WATER
NO RECORDED EASEMENT-PARCEL 1
(WEST SIDE OF AHNAIP ST & RACINE ST)
DOC.1019393-PARCEL 1
(EAST SIDE OF AHNAIP ST)

(101) MENASHA UTILITIES-ELECTRIC
DOC.388154-PARCEL 1
DOC.881654-PARCEL 1
DOC.1019393-PARCEL 1

(102) CITY OF MENASHA-SEWER
V.359/P.361-PARCEL 1

(103) AT&T WISCONSIN-COMMUNICATION
NO RECORDED EASEMENT-PARCEL 1

R/W STATION AND OFFSET TABLE

POINT NO.	STATION	OFFSET
200	0+78.61'NB'	40.29'
201	1+46.93'NB'	41.75'
202	1+46.93'NB'	42.42'
203	1+78.89'NB'	43.26'
204	3+51.22'NB'	78.94'
205	5+41.08'NB'	83.55'
206	5+55.61'NB'	63.13'
207	5+98.33'NB'	33.90'
208	5+99.58'NB'	33.58'
209	7+90.39'NB'	30.00'
210	9+74.20'NB'	30.00'
211	10+73.08'NB'	30.00'
212	8+95.59'NB'	30.00'

R/W STATION AND OFFSET TABLE

POINT NO.	STATION	OFFSET
213	7+35.00'NB'	31.08'
214	6+71.02'NB'	40.76'
215	6+52.52'NB'	53.32'
216	5+48.04'NB'	61.65'
217	5+14.15'NB'	114.29'
218	4+66.60'NB'	130.90'
219	4+64.27'NB'	129.06'
220	4+63.32'NB'	165.57'
221	4+63.05'NB'	165.40'
222	4+63.02'NB'	167.39'
223	4+54.12'NB'	166.43'
224	4+53.51'NB'	144.34'
225	4+52.71'NB'	137.76'
226	4+51.92'NB'	138.49'
227	4+19.05'NB'	154.13'
228	4+22.60'NB'	134.12'
229	4+24.18'NB'	116.96'
230	4+25.88'NB'	87.90'
231	4+30.28'NB'	42.83'
232	4+30.55'NB'	31.96'
233	4+27.04'NB'	29.87'
234	4+00.02'NB'	43.90'
235	3+05.73'NB'	49.41'
236	2+38.73'NB'	32.64'
237	2+21.01'NB'	29.06'
238	2+20.37'NB'	33.90'
239	1+47.56'NB'	29.26'
240	1+47.46'NB'	24.26'
241	0+71.96'NB'	25.84'

R/W COURSE TABLE

POINT-POINT	BEARING	DISTANCE
200-201	N47° 12' 31"E	68.51'
201-202	N41° 33' 19"W	0.68'
202-203	N44° 49' 18"E	28.98'
203-204	SEE CURVE TABLE	---
204-205	SEE CURVE TABLE	---
205-206	N32° 42' 17"E	25.06'
206-207	SEE CURVE TABLE	---
207-208	N07° 40' 06"W	1.29'
208-209	N16° 39' 09"W	193.50'
209-210	N17° 11' 29"W	183.81'
210-211	N14° 03' 21"E	115.66'
211-212	S17° 11' 29"E	177.49'
212-213	S17° 34' 35"E	160.60'
213-214	S25° 47' 47"E	64.71'
214-215	S51° 21' 37"E	22.36'
215-216	S25° 12' 29"E	100.21'
216-217	S89° 11' 00"E	57.51'
217-242	S36° 07' 14"E	21.41'
242-218	S36° 07' 14"E	63.08'
218-219	S00° 09' 31"W	10.57'
219-220	S89° 47' 00"E	36.82'
220-221	S00° 13' 00"W	1.50'
221-222	S89° 47' 00"E	2.00'
222-223	S02° 06' 08"W	50.03'
223-224	N89° 47' 00"W	22.32'
224-225	S68° 50' 49"W	7.67'
225-226	S00° 10' 08"W	3.89'
226-243	S27° 49' 55"W	102.23'
243-227	S27° 49' 55"W	39.92'
227-228	N00° 10' 08"E	25.03'
228-229	N20° 46' 49"W	18.18'
229-230	N31° 16' 16"W	29.60'
230-231	N32° 34' 25"W	46.30'
231-232	N46° 31' 04"W	10.88'
232-233	S62° 14' 44"W	6.31'
233-234	S47° 12' 31"W	50.47'
234-235	S59° 36' 58"W	50.49'
235-236	S47° 12' 30"W	71.71'
236-237	S48° 39' 58"W	19.27'
237-238	S42° 47' 29"E	4.89'
238-239	S47° 12' 31"W	77.97'
239-240	N42° 47' 29"W	5.00'
240-241	S47° 12' 31"W	75.41'

DOC# 1787445
NATALIE STROHMEYER
REGISTER OF DEEDS
WINNEBAGO COUNTY, WI
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4992-03-21 -4.02
AMENDMENT NO: 2

GN

0 50 100
SCALE, FEET

PLE COURSE TABLE

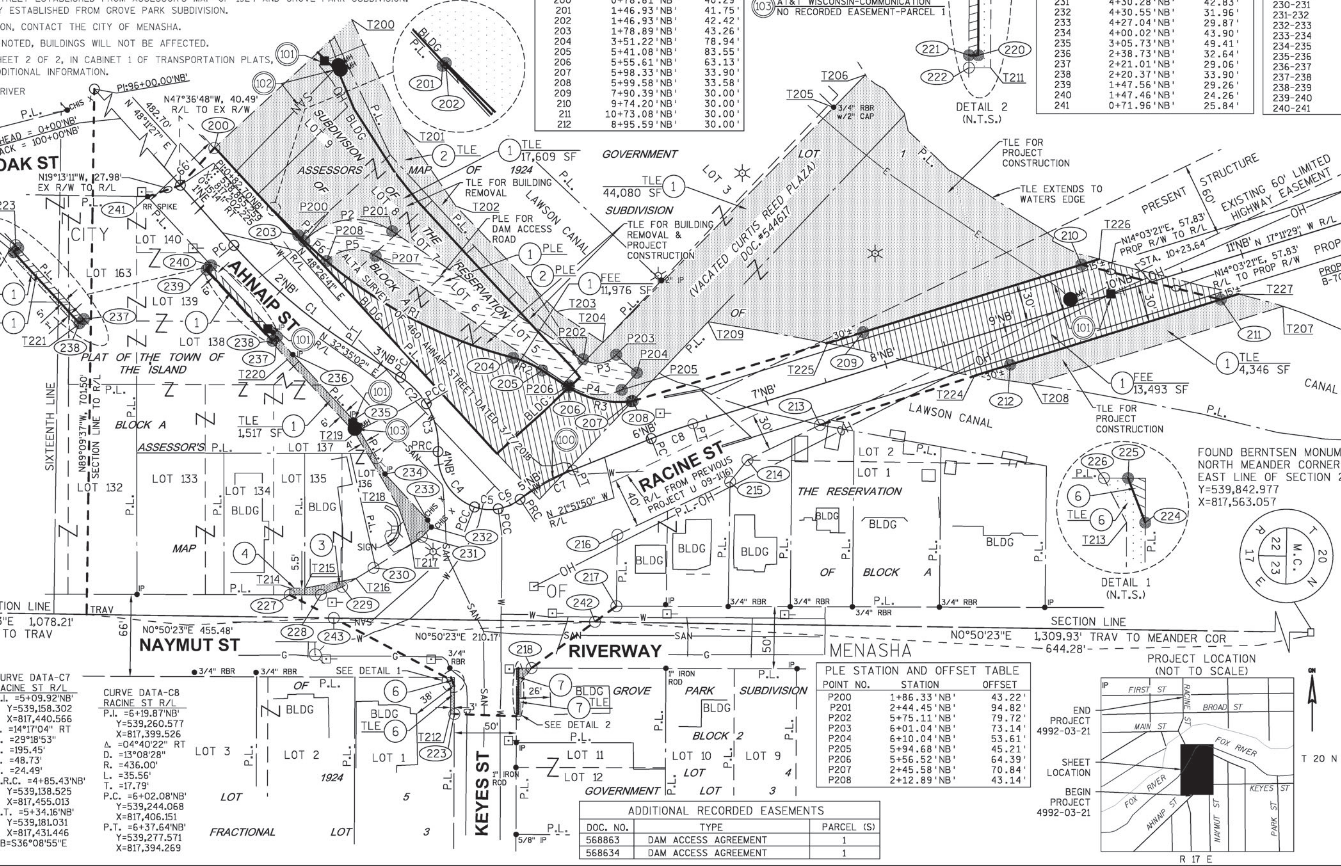
POINT-POINT	BEARING	DISTANCE
203-P200	SEE CURVE TABLE	---
P200-P201	SEE CURVE TABLE	---
P201-P202	N33° 50' 26"E	184.96'
P202-P203	SEE CURVE TABLE	---
P203-P204	N41° 09' 26"E	22.00'
P204-P205	S48° 50' 34"E	18.33'
P205-P206	SEE CURVE TABLE	---
P206-P207	S33° 50' 26"W	187.15'
P207-P208	SEE CURVE TABLE	---
P208-P200	SEE CURVE TABLE	---

TLE STATION AND OFFSET TABLE

POINT NO.	STATION	OFFSET
T200	0+75.14'NB'	191.67'
T201	1+79.65'NB'	163.41'
T202	2+82.54'NB'	140.07'
T203	5+69.60'NB'	123.29'
T204	5+94.87'NB'	86.25'
T205	8+21.29'NB'	209.74'
T206	8+53.36'NB'	227.23'
T226	9+89.20'NB'	30.00'
T227	10+88.08'NB'	30.00'
T207	11+19.19'NB'	50.00'
T208	9+07.67'NB'	50.00'
T224	8+65.59'NB'	30.00'
T225	7+60.39'NB'	30.00'
T209	6+73.67'NB'	74.86'
T210	4+64.33'NB'	140.92'
T211	4+63.63'NB'	167.80'
T212	4+53.59'NB'	166.86'
T213	4+52.92'NB'	144.83'
T214	4+18.02'NB'	151.05'
T215	4+19.61'NB'	141.14'
T216	4+24.85'NB'	103.98'
T217	4+28.96'NB'	52.69'
T218	4+14.48'NB'	42.41'
T219	3+12.59'NB'	57.40'
T220	2+37.67'NB'	38.53'
T221	2+20.24'NB'	34.89'
T222	1+46.59'NB'	30.28'
T223	1+46.46'NB'	24.28'

CURVE TABLE

CURVE	PT-PT	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
R1	203-204	N 29°41'31" E	381.00'	198.89'	201.22'
R2	204-205	N 23°38'00" E	81.00'	25.54'	25.65'
R3	206-207	N 12°31'05" E	75.00'	51.77'	52.85'
P1	203-P200	N 44°18'57" E	381.00'	6.73'	6.73'
P2	P200-P201	N 06°30"03 W	55.00'	71.21'	77.45'
P3	P202-P203	N 07°36'39" W	20.20'	26.75'	29.23'
P4	P205-P206	S 04°48'32" W	44.00'	42.71'	44.59'
P5	P207-P208	S 06°03'15" E	31.00'	39.77'	43.17'
P6	P208-P200	S 42°00'16" W	381.00'	24.01'	24.01'



CURVE DATA-C1
RACINE ST R/L
P.I. =2+10.25'NB'
Y=538,949.866
X=817,297.670
Δ. =15°51'39" LT
D. =12°42'15"
R. =451.00'
L. =124.85'
T. =62.83'
P.C. =1+47.43'NB'
Y=538,908.191
X=817,250.657
P.T. =2+72.27'NB'
Y=539,002.802
X=817,331.504

CURVE DATA-C2
RACINE ST R/L
P.I. =3+34.54'NB'
Y=539,055.270
X=817,365.038
Δ. =26°19'35" RT
D. =88°08'50"
R. =65.00'
L. =29.87'
T. =15.20'
P.C. =3+19.34'NB'
Y=539,042.462
X=817,356.851
P.C.C. =3+49.21'NB'
Y=539,063.120
X=817,378.056
DA=N58°54'37"E

CURVE DATA-C3
RACINE ST R/L
P.I. =3+69.98'NB'
Y=539,073.848
X=817,395.847
Δ. =34°38'40" RT
D. =86°01'00"
R. =66.61'
L. =40.28'
T. =20.78'
P.C.C. =3+49.21'NB'
Y=539,063.120
X=817,378.056
P.R.C =3+89.48'NB'
Y=539,072.560
X=817,416.581
DB=N58°54'37"W
DA=S86°26'43"E

CURVE DATA-C4
RACINE ST R/L
P.I. =4+22.86'NB'
Y=539,070.490
X=817,449.893
Δ. =73°44'31" LT
D. =128°45'16"
R. =44.50'
L. =57.27'
T. =33.38'
P.R.C. =3+89.48'NB'
Y=539,072.560
X=817,416.581
P.C.C. =4+46.75'NB'
Y=539,101.891
X=817,461.206
DB=N86°26'43"W
DA=N19°48'46"E

FOUND BERNTSEN MONUMENT
Y=537,455.087
X=817,528.059

CURVE DATA-C5
RACINE ST R/L
P.I. =4+56.67'NB'
Y=539,111.215
X=817,464.565
Δ. =30°47'00" LT
D. =159°09'17"
R. =36.00'
L. =19.34'
T. =9.91'
P.C.C. =4+46.75'NB'
Y=539,101.891
X=817,461.206
P.C.C. =4+66.10'NB'
Y=539,120.944
X=817,462.679
DB=S19°48'46"W
DA=N10°58'15"W

CURVE DATA-C6
RACINE ST R/L
P.I. =4+75.92'NB'
Y=539,130.591
X=817,460.809
Δ. =25°10'40" LT
D. =130°13'03"
R. =44.00'
L. =19.33'
T. =9.83'
P.C.C. =4+66.10'NB'
Y=539,120.944
X=817,462.679
P.R.C. =4+85.43'NB'
Y=539,138.525
X=817,455.013
DB=S10°58'15"E
DA=N36°08'55"W

CURVE DATA-C7
RACINE ST R/L
P.I. =5+09.92'NB'
Y=539,158.302
X=817,440.566
Δ. =14°17'04" RT
D. =29°18'53"
R. =195.45'
L. =48.73'
T. =24.49'
P.R.C. =4+85.43'NB'
Y=539,138.525
X=817,455.013
P.T. =5+34.16'NB'
Y=539,181.031
X=817,431.446
DB=S36°08'55"E

CURVE DATA-C8
RACINE ST R/L
P.I. =6+19.87'NB'
Y=539,260.577
X=817,399.526
Δ. =04°40'22" RT
D. =13°08'28"
R. =436.00'
L. =35.56'
T. =17.79'
P.C. =6+02.08'NB'
Y=539,244.068
X=817,406.151
P.T. =6+37.64'NB'
Y=539,277.571
X=817,394.269

PLE STATION AND OFFSET TABLE

POINT NO.	STATION	OFFSET
P200	1+86.33'NB'	43.22'
P201	2+44.45'NB'	94.82'
P202	5+75.11'NB'	79.72'
P203	6+01.04'NB'	73.14'
P204	6+10.04'NB'	53.61'
P205	5+94.68'NB'	45.21'
P206	5+56.52'NB'	64.39'
P207	2+45.58'NB'	70.84'
P208	2+12.89'NB'	43.14'

ADDITIONAL RECORDED EASEMENTS

DOC. NO.	TYPE	PARCEL (S)
568863	DAM ACCESS AGREEMENT	1
568634	DAM ACCESS AGREEMENT	1

ENGINEERING, INC Consultant Services 1077 CENTENNIAL CENTRE BLVD. HOBART, WI 54155 920-468-4771

I, CAROLYN J. SAMPSON, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT 4992-03-21-4.02 AMENDMENT NO: 2 AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Carolyn J. Sampson DATE: 4-15-2019
PRINT NAME: CAROLYN J. SAMPSON
REGISTRATION NUMBER: S-3045

WISCONSIN CAROLYN J. SAMPSON S-3045 GREEN BAY WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION NE REGION - GREEN BAY
SIGNATURE: Curt Van Erem DATE: 4-15-2019
PRINT NAME: CURT VAN EREM

Asbestos Inspection Report

Asbestos Building Inspection

Of

RR Donnelley Plant
460 Ahnaip Street
Menasha, WI 54952

For

Mr. Art Norton
RR Donnelley
800 Midway Road
Menasha, WI 54952

Reported By

American Air Environmental Services, Inc.
49 W 11th Ave.
Oshkosh, Wisconsin 54902

Phone: (920) 233-7577
Fax: (920) 233-7671
E-mail: tom@aaes.com

September 24, 2014

Table of Contents

APPENDICES

September 24, 2014

RR Donnelley
Mr. Art Norton
460 Ahnaip Street
Menasha, WI 54952

SUBJECT: Asbestos Building Inspection
RR Donnelley – Ahnaip Plant

1.0 INTRODUCTION

This report represents findings from an asbestos building inspection, performed by American Air Environmental Services, Inc. of the RR Donnelley Plant, 460 Ahnaip Street, Menasha, Wisconsin. The building is approximately 137,115 square feet. It is a four (4) story building constructed of wood, metal and various masonry and brick products and has a below grade level basement foundation. The construction date of the original section of the Building was in 1911, with multiple additions following that date. The original building section was demolished by 1939, with more additions being added. It is not known how many renovations have been completed in the building or what the dates of those renovations were.

For purposes of sampling, I broke the building down into three sections; Plant, Office and Roof. All of these are included in this report, with the Sample Analysis separated into these three sections.

Beginning September 9, 2014 Mr. Peter Dobbins (WI Inspector # AII-114651) performed an asbestos building inspection at the property listed above. The purpose of our inspection was to investigate the structure for the presence of suspect ACM and take bulk samples where deemed necessary to confirm ACM in and on the property prior to renovation or demolition. One Hundred Thirty-One (131) bulk samples were extracted from throughout the entire Plant and analyzed using Polarized Light Microscopy (PLM) method EPA 600/R-93/116. Asbestos percentages were determined and reported by visual estimation in the sample portions analyzed. Laboratory findings are enclosed.

Inaccessible areas like mechanical or electrical equipment interiors, concrete wall interiors and other enclosed spaces difficult to fully inspect may contain friable and/or nonfriable ACM which will require proper attention during the demolition process. A hazardous materials competent person trained in NESHAP regulations should be available or be on-site at all times during the demolition process.

Asphalt roofing products, in good condition, are Category I Nonfriable ACM that may remain in place during normal demolition. It can be separated from the facility roof decks and handled as Construction Debris (C&D) waste material; the planned landfill should be contacted by the successful demolition contractor.

2.0 DISCUSSION

The definition of asbestos–containing materials is containing more than 1% asbestos by area as determined by Polarized Light Microscopy (PLM).

Asbestos Containing Materials (ACM) is designated as:

1. Friable- materials that can be crumbled or reduced to powder by hand pressure
2. Category I Nonfriable- includes only resilient floor covering, asphalt roofing products, gaskets and packings
3. Category II Nonfriable- any nonfriable ACM that is not in Category I

Prior to commencing a demolition or renovation project, the owner or operator must thoroughly inspect the affect facility or part of the facility where the work will occur for the presence of ACM.

Renovation Work

Any materials determined to be ACM by PLM analysis that will be disturbed during renovation projects must be managed by a licensed and properly insured asbestos abatement company. The abatement company must be certified under Wisconsin Administrative Code HFS 159 as a Primary Asbestos Company. All three ACM types must be properly abated prior to renovating the affected area(s). Notification to either DHS or DNR (which ever applies) is required before commencing the abatement work.

DHS required notification is: (facilities other than residential)

1. Removing any amount more than 1 glove bag or 60”x60” disposal bag of non-friable ACM
2. Removing more than 1 glove bag but less than160 sq.ft., 260 lr.ft., 35 cu.ft. of friable ACM or less than 5,580 sq.ft. roofing materials using mechanical methods
3. Enclosing, encapsulating or repairing more than 3 sq.ft. or 3 lr.ft. of friable ACM

Exceptions to DHS notifications:

1. Any removal before a fire burn requires DNR notification
2. Any removal before a DNR-regulated facility or structure demolition

DNR required notification is:

1. Removing RACM that is 260 linear feet or 160 square feet, and volumes greater than or equal to 35 cubic feet off of facility components
2. Removing at least 5,580 sq.ft. of asphalt roofing using mechanical methods (saw cutting)
3. Fire department only fire training burns
4. Demolition of facilities or structures subject to the NESHAP regulations

Demolition Work

Friable ACM must be removed from all DNR subject facilities prior to demolition. Category I ACM does not have to be removed prior to a normal demolition if the material is in good condition prior to starting the work. The resulting wastes can be handled as demolition material and disposed in a construction debris landfill. If the demolition materials will be recycled, all ACM must be removed prior to the demolition. Category II ACM is case by case determination. Slate or transite type materials normally become RACM during a demolition and must be removed prior to the demolition.

There is a uniform 10 working day notice to the DNR for all projects that are required to file a notice. Notification requirements apply to RACM that is 260 linear feet or 160 square feet, and volumes greater than or equal to 35 cubic feet off of facility components. Notification also applies to saw cutting at least 5,580 sq.ft. of asphalt roofing.

Notification is required for all renovation and demolition projects of facilities or structures subject to the regulation. A single isolated residential dwelling unit or structure with 4 or fewer units is exempt from the asbestos NESHAP regulations regardless of ownership or the intended use of the property. All fire training burns are subject facilities and all NESHAP regulations apply. All three types of ACM must be removed prior to burning.

The notice must identify all three categories of asbestos present:

1. Friable asbestos/RACM to be removed
2. Nonfriable asbestos material to be removed, and
3. Nonfriable asbestos material not removed before demolition

The notice must also state the actions/response to be taken if previously non-identified asbestos is found during renovation or demolition. At least one on-site representative of the owner/operator must be trained concerning the regulation and ensure compliance. Each waste container must be labeled with the name of the generator, operator and the location at which the waste was generated.

3.0 CONCLUSION

This report represents findings from an asbestos demolition inspection performed by American Air Environmental Services, Inc. of the RR Donnelley Plant, 460 Ahnaip Street, Menasha, Wisconsin. Beginning September 9, 2014 Mr. Peter Dobbins (WI Inspector # AII-114651) performed an asbestos building inspection at the property listed above.

The purpose of our inspection was to investigate the structure for the presence of suspect ACM and take bulk samples where deemed necessary to confirm ACM in and on the property prior to demolition. Section 4.0 of this report identifies each building material sampled, the location of each sample, whether the sample contains asbestos and what type of ACM it is. Section 5.0 list quantities in square feet and/or linear feet.

The EPA's NESHAP rule dictates for demolition purposes that all friable asbestos containing material (ACM) and Nonfriable ACM Category II materials that become friable during demolition be removed from the building prior to demolition if the process is expected to impact said materials. Category I ACM does not have to be removed prior to a normal demolition if the material is in good condition prior to starting the work. The resulting wastes can be handled as demolition material and disposed in a construction debris landfill. If the demolition materials will be recycled, all ACM must be removed from said recyclables prior to the demolition.

Inaccessible areas like mechanical or electrical equipment interiors, concrete wall interiors and other enclosed spaces difficult to fully inspect may contain friable and/or nonfriable ACM which will require proper attention during the demolition process. A hazardous materials competent person trained in NESHAP regulations should be available or be on-site at all times during the demolition process.

Asphalt roofing products, in good condition, are Category I Nonfriable ACM that may remain in place during normal demolition. It can be separated from the facility roof decks and handled as Construction Debris (C&D) waste material; the planned landfill should be contacted by the successful demolition contractor.

3.0 **CONCLUSION** continued - **Plant**

The following building materials from the Plant **were found to be asbestos containing**

Material	Location	Quantity
Caulk - Black	Exterior – around fans on roof	See Section 5.0
Block Window – Inset Window Glazing - White	Block Windows	See Section 5.0
Ceiling Panel - Gray	Coating 2nd Floor Office Area and Plant	See Section 5.0
Panel Glue - Black	Various Locations	See Section 5.0
Block Window – Inset Window Glaze - Gray	4 Story Area	See Section 5.0
Block Window – Exterior – Caulk - Gray	Block Windows	See Section 5.0
Door Frame Caulk - White	Exterior of Main Entry Door	See Section 5.0
Door Frame Caulk - Gray	Exterior Doors	See Section 5.0

The following materials were not sampled but are **assumed to be asbestos containing**:

Material	Location	Quantity
Fire Door	Throughout Plant	9 Doors

Inaccessible areas like mechanical or electrical equipment interiors, concrete wall interiors and other enclosed spaces, and fire doors may contain friable and/or nonfriable ACM which will require proper attention during any renovation or demolition project. If suspect ACBM is encountered do not disturbed the material until verified using PLM analysis.

The following areas were inaccessible at the time of this inspection:

None	

PROPERTY:	RR Donnelley - Plant – 460 Ahnaip St. – Menasha, WI

4.0 SUSPECT ASBESTOS BUILDING MATERIALS REPORT

Sample / Location		Material Type / Color / Condition		ACM / Category		Quantity	Comments
1	Coating	Block – White		None Detected			Ceiling
2	Coating Women's Bathroom	Glue – Yellow		None Detected			
3	Building Exterior	Caulk – Black	**good**	**5% Chrysotile**	**non-friable cat. II**	see section 5.0	Around fans on roof of press and binding
4	Building Exterior	Caulk – Gray		None Detected			
5	Coating 2nd Floor	Floor Tile – White		None Detected			West office
5A	Coating 2nd Floor	Glue – Yellow		None Detected			West office
6	Exterior Block Window	Mortar – Gray		None Detected			
7	Exterior Block Window	Caulk – Gray		None Detected			
8	Exterior Block Window	Glaze – White	**good**	**Trace <1% Chrysotile**	**non-friable cat. II**	see section 5.0	Inset window
9	Coating 2nd Floor	Ceiling Panel – Gray	**good**	**20% Chrysotile**	**non-friable cat. I**	see section 5.0	
10	Coating 2nd Floor	Fiber Board – Brown		None Detected			Above ceiling panel
11	Coating 2nd Floor	Glue Pad – Brown		None Detected			Above suspended ceiling tile, below panel
12	Basement Shop	Panel Glue – Black	**good**	**3% Chrysotile**	**non-friable cat. II**	see section 5.0	
13	Press and Binding West Office Area	Panel Glue – Gray		None Detected			Behind foam panel
14	Press and Binding West Office Area	Panel Glue – Blue		None Detected			Behind foam panel
15	Press and Binding West Offices	Floor Tile – White w/ Brown		None Detected			(12"x12") floor tile
15A	Press and Binding West Offices	Mastic – Black		None Detected			

PROPERTY:	RR Donnelly - Plant – 460 Ahnaip St. – Menasha, WI

4.0 SUSPECT ASBESTOS BUILDING MATERIALS REPORT

Sample / Location		Material Type / Color / Condition		ACM / Category		Quantity	Comments
16	4 Story Area	Caulk – Gray		None Detected			
17	4 Story Area	Glaze – Gray	**damaged**	**Trace <1% Chrysotile**	**non-friable cat. II**	see section 5.0	Inset window
18	Exterior Block Windows	Caulk – Gray	**good**	**Trace <1% Chrysotile**	**non-friable cat. II**	see section 5.0	Exterior of window
19	Exterior Silver Windows	Caulk – Gray		None Detected			Exterior of window
20	Exterior Brown Windows	Caulk – Black		None Detected			
21	Exterior Windows	Caulk – Brown		None Detected			Windows with no apparent caulk or glazing
22	Exterior Main Entry	Door Frame Caulk – White	**good**	**2% Chrysotile**	**non-friable cat. II**	see section 5.0	Around main entry door
23	Exterior Block window	Caulk – Gray		None Detected			By door #2 exterior of window
24	Exterior Door #2	Door Frame Caulk – Gray	**good**	**Trace <1% Chrysotile**	**non-friable cat. II**	see section 5.0	
25	4 Story Area – 2nd Floor Women's Bathroom	Caulk – White		None Detected			Shower caulk
26	Press and Binding – East	Window Caulk - White		None Detected			Break Room Windows
27	Press and Binding - West	Panel Glue - Brown		None Detected			Women's Bathroom

3.0 **CONCLUSION** continued - **Office**

The following building materials from the Office **were found to be asbestos containing**

Material	Location	Quantity
Ceramic Tile Glue - Brown	Men's & Women's Bathrooms	See Section 5.0
Pipe Insulation - White	Throughout Building	See Section 5.0
Pipe Fitting - White	Throughout Building	See Section 5.0
Pipe Wrap - Black	Throughout Building	See Section 5.0
Floor Tile – Black (9"x9")	Room 109	See Section 5.0
Pipe Insulation - Tan	Throughout Building	See Section 5.0
Pipe Fitting - White	Throughout Building	See Section 5.0
Mastic - Black	Room 109A	See Section 5.0
Floor Tile – Gray (9"x9")	Meeting Room	See Section 5.0
Fibrous Duct Covering - Brown	1st Floor Reception Area	See Section 5.0
Floor Tile – Brown (9"x9")	Vault	See Section 5.0
Floor Tile – Gray (9"x9")	Vault	See Section 5.0
Block Window Caulk - Brown	Block Windows	See Section 5.0
Mastic - Black	1st Floor Central Hallway	See Section 5.0
Panel Glue - Black	Visitor's Waiting Room	See Section 5.0
Duct Wrap - Black	Throughout 2nd Floor	See Section 5.0
Inset Window Glaze - Gray	Block Window – Inset Windows	See Section 5.0
Tar Paper - Black	3rd Floor	See Section 5.0
Window Glaze - Gray	Old Metal Windows	See Section 5.0

The following materials were not sampled but are **assumed to be asbestos containing**:

Material	Location	Quantity
Fire Door	1st Floor Central Hallway and Freight Elevator Hallway	2 Doors

Inaccessible areas like mechanical or electrical equipment interiors, concrete wall interiors and other enclosed spaces, and fire doors may contain friable and/or nonfriable ACM which will require proper attention during any renovation or demolition project. If suspect ACBM is encountered do not disturbed the material until verified using PLM analysis.

The following areas were inaccessible at the time of this inspection:

None	

PROPERTY:	RR Donnelley – Office – 460 Ahnaip St. – Menasha, WI

4.0 SUSPECT ASBESTOS BUILDING MATERIALS REPORT

Sample / Location		Material Type / Color / Condition		ACM / Category		Quantity	Comments
1	Basement Conference Room	Ceiling Tile – White w/ Grooves/ Holes		None Detected			(12”x12”) splined
2	Basement Conference	Carpet Glue – Yellow		None Detected			Under carpet squares
3	Men’s Bathroom	Panel Glue – Brown		None Detected			
4	Women’s Locker Room	Drywall – White		None Detected			
5	Women’s Locker Room	Drywall Compound – White		None Detected			
6	Women’s Bathroom	Ceiling Tile – Brown/White		None Detected			(12”x12”) splined w/o holes
7	Women’s Bathroom	Ceramic Tile Glue – Brown	**good**	**2% Chrysotile**	**non-friable cat. II**	see section 5.0	
8	Women’s Locker Room	Caulk – White		None Detected			Around drywall and ceramic walls
9	Basement Hall Storage	Pipe Insulation – White	**good**	**85% Chrysotile**	**friable**	see section 5.0	
10	Basement Hall Storage	Pipe Fitting – White	**good**	**35% Chrysotile 3% Amosite**	**friable**	see section 5.0	
11	North East Corner Office	Pipe Wrapping – Black	**good**	**5% Chrysotile**	**friable**	see section 5.0	
12	North East Corner Office	Floor Tile – Black	**good**	**2% Chrysotile**	**non-friable cat. I**	see section 5.0	(9”x9”) floor tile
12A	North East Corner Office	Mastic - Black		None Detected			
13	North East Corner Office	Pipe Insulation – Tan	**good**	**65% Chrysotile**	**friable**	see section 5.0	
14	North East Corner Office	Pipe Fitting – White	**good**	**15% Chrysotile**	**friable**	see section 5.0	
15	Meeting Room	Plaster – Rough – Gray		None Detected			

PROPERTY:	RR Donnelley – Office – 460 Ahnaip St. – Menasha, WI

4.0 SUSPECT ASBESTOS BUILDING MATERIALS REPORT

Sample / Location		Material Type / Color / Condition		ACM / Category		Quantity	Comments
15A	Meeting Room	Plaster – Skim – White		None Detected			
16	Reception	Floor Tile – Tan		None Detected			(9”x9”) black w/ white streaks
16A	Reception	Mastic – Black	**good**	**5% Chrysotile**	**non-friable cat. II**	see section 5.0	
17	Meeting Room	Floor Tile – Gray	**good**	**3% Chrysotile**	**non-friable cat. I**	see section 5.0	(9”x9”) floor tile
17A	Meeting Room	Mastic – Black		None Detected			
18	Reception	Ceiling Tile – White		None Detected			
19	Reception	Duct Covering – Brown	**good**	**15% Chrysotile**	**friable**	see section 5.0	
19A	Reception	Glue – Black		None Detected			
20	Front Entry	Tar Paper – Black		None Detected			Under stair tread
21	Front Entry	Stair Tread – Black		None Detected			
21A	Front Entry	Glue – Brown		None Detected			
22	Front Entry	Door Frame Caulk – Brown		None Detected			
23	Vault	Floor Tile – Brown	**good**	**2% Chrysotile**	**non-friable cat. I**	see section 5.0	(9”x9”) floor tile
23A	Vault	Mastic – Black		None Detected			
24	Vault	Floor Tile – Gray	**good**	**5% Chrysotile**	**non-friable cat. I**	see section 5.0	(9”x9”) floor tile
24A	Vault	Mastic – Black		None Detected			
25	SE Office	Carpet Glue – Yellow		None Detected			
26	South Side Center Office Are	Inset Window Caulk – Gray		None Detected			

PROPERTY:	RR Donnelley – Office – 460 Ahnaip St. – Menasha, WI

4.0 SUSPECT ASBESTOS BUILDING MATERIALS REPORT

Sample / Location		Material Type / Color / Condition		ACM / Category		Quantity	Comments
27	SW Entry Office Area	Block Window Caulk – Brown	**good**	**2% Chrysotile**	**non-friable cat. II**	see section 5.0	
28	SW Entry Office Area	Ceiling Tile – White/Gray w/ Holes & Grooves		None Detected			(2'x4') ceiling tile
29	SW Entry Hallway	Door Caulk – Gray		None Detected			Interior door
30	SW Entry Hallway	Door Caulk – White		None Detected			Exterior Door
31	Central Hallway	Floor Tile – Gray		None Detected			(12"x12") w/ blue streaks
31A	Central Hallway	Mastic – Black	**good**	**5% Chrysotile**	**non-friable cat. II**	see section 5.0	
32	Server Room	Glue - Yellow		None Detected			Under wall carpet
33	Server Room	Duct Seam – Black		None Detected			Fiberglass insulation
34	Server Room	Floor Tile – Grey		None Detected			(12"x12") floor tile
34A	Server Room	Glue – Green		None Detected			
35	Visitor Waiting Room	Glue – Black	**good**	**3% Chrysotile**	**non-friable cat. II**	see section 5.0	Behind paneling
36	Central Hall	Duct Paper Wrapping - Black	**damaged**	**65% Chrysotile**	**non-friable cat. II**	see section 5.0	
37	VP Office	Ceiling Tile – Tan		None Detected			(12"x12") w/ grooves
38	Room 207	Fiber Board – Brown		None Detected			Behind vents
39	Room 206	Glue - Brown		None Detected			Under wood, over concrete
40	Hallway – Central Park	Drywall – White		None Detected			
41	Hallway – Central Park	Drywall Compound – White		None Detected			

PROPERTY:	RR Donnelley – Office – 460 Ahnaip St. – Menasha, WI

4.0 SUSPECT ASBESTOS BUILDING MATERIALS REPORT

Sample / Location		Material Type / Color / Condition		ACM / Category		Quantity	Comments
42	Room 221	Sheet Flooring – Beige		None Detected			
42A	Room 221	Plastic – Black		None Detected			
43	Room 308	Window Caulk - White	**good**	**Trace <1% Chrysotile**	**non-friable cat. II**	see section 5.0	Inset Windows
44	Room 311	Tar Paper - Black	**good**	**35% Chrysotile**	**non-friable cat. II**	see section 5.0	On wood next to I-Beam
44A	Room 311	Glue - Black		None Detected			
45	Mech. Room above 3rd Floor	Window Glaze - Gray	**damaged**	**Trace <1% Chrysotile**	**non-friable cat. II**	see section 5.0	Old Metal Windows
46	Mech. Room above 3rd Floor	Window Caulk - Gray		None Detected			Exterior of Old Metal Window
47	Room 105	Pipe Wrap – Tan/ Silver/ Black		None Detected			Above Ceiling Tile on Pipe
48	Room 211	Floor Tile - Brown		None Detected			Large Odd Sized Tile – Under Carpet
48A	Room 211	Mastic - Tan		None Detected			
49	Room 105	Pipe Wrap – Tan/ Silver/ Black		None Detected			Above Ceiling Tile on Pipe
50	Room 211	Floor Tile - Brown		None Detected			Large Odd Sized Tile – Under Carpet
50A	Room 211	Mastic - Tan		None Detected			

3.0 **CONCLUSION** continued - **Roof**

The following building materials from the Roof **were found to be asbestos containing**

Material	Location	Quantity
Roof Flashing - Black	4 Story Roof	See Section 5.0
Roofing - Black	Press & Binding – White Roof	See Section 5.0
Caulk - Black	Press & Binding – Top of Brick Wall	See Section 5.0
Roofing - Black	Floor of Office Penthouse	See Section 5.0

The following materials were not sampled but are **assumed to be asbestos containing**:

Material	Location	Quantity
N/A		

Inaccessible areas like mechanical or electrical equipment interiors, concrete wall interiors and other enclosed spaces, and fire doors may contain friable and/or nonfriable ACM which will require proper attention during any renovation or demolition project. If suspect ACBM is encountered do not disturbed the material until verified using PLM analysis.

The following areas were inaccessible at the time of this inspection:

None	

PROPERTY:	RR Donnelly- Roof – 460 Ahnaip St. – Menasha, WI

4.0 SUSPECT ASBESTOS BUILDING MATERIALS REPORT

Sample / Location		Material Type / Color / Condition		ACM / Category		Quantity	Comments
1	4 Story Roof	Roofing – Black		None Detected			By penthouse
1A	4 Story Roof	Insulation – Brown		None Detected			By penthouse
2	4 Story Roof	Roofing – Black		None Detected			Center of roof
2A	4 Story Roof	Insulation – Brown		None Detected			Center of roof
2B	4 Story Roof	Insulation 2 – Yellow		None Detected			Center of roof
3	4 Story Roof	Roofing – Black		None Detected			SE corner
3A	4 Story Roof	Insulation – Brown		None Detected			SE corner
3B	4 Story Roof	Insulation 2 – Yellow		None Detected			SE corner
4	4 Story Roof	Flashing – Black	**good**	**5% Chrysotile**	**non-friable cat. I**	see section 5.0	SE corner
5	4 Story Roof	Flashing – Black	**good**	**5% Chrysotile**	**non-friable cat. I**	see section 5.0	West side
6	4 Story Roof	Flashing – Black	**good**	**5% Chrysotile**	**non-friable cat. I**	see section 5.0	By penthouse
7	Press and Binding	Roofing – Black		None Detected			East side metal wall
7A	Press and Binding	Insulation – Brown		None Detected			East side metal wall
7B	Press and Binding	Insulation 2 – Yellow		None Detected			East side metal wall
8	Press and Binding	Flashing – Black		None Detected			East side metal wall
9	Press and Binding	Roofing – Black & White	**good**	**4% Chrysotile**	**non-friable cat. I**	see section 5.0	Press and binding
9A	Press and Binding	Insulation – Brown		None Detected			Press and binding
10	Press and Binding	Flashing – White		None Detected			Press and binding
11	Press and Binding	Caulk – Black	**good**	**3% Chrysotile**	**non-friable cat. II**	see section 5.0	Top of brick wall

PROPERTY:	RR Donnelly- Roof – 460 Ahnaip St. – Menasha, WI

4.0 SUSPECT ASBESTOS BUILDING MATERIALS REPORT

Sample / Location		Material Type / Color / Condition		ACM / Category		Quantity	Comments
12	Press and Binding	Roofing – Black & White		None Detected			East press and binding
12A	Press and Binding	Insulation – Brown		None Detected			East press and binding
13	Press and Binding	Flashing – White		None Detected			East side
14	Press and Binding	Roofing – Black		None Detected			East side
14A	Press and Binding	Insulation – Brown		None Detected			East side
14B	Press and Binding	Insulation 2 – Yellow		None Detected			East side
15	Press and Binding	Flashing – Black/Silver		None Detected			East side
16	Office Roof	Roofing – Black		None Detected			South center
16A	Office Roof	Insulation – Brown		None Detected			South center
16B	Office Roof	Insulation 2 – Yellow		None Detected			South center
17	Office Roof	Flashing – Black		None Detected			South center
18	Office Roof	Roofing – Black		None Detected			Southeast
18A	Office Roof	Insulation – Brown		None Detected			Southeast
18B	Office Roof	Insulation 2 – Yellow		None Detected			Southeast
19	Office Roof	Roofing – Black		None Detected			Northwest
19A	Office Roof	Insulation – Brown		None Detected			Northwest
19B	Office Roof	Insulation 2 – Yellow		None Detected			Northwest
20	Office Roof	Flashing – Black		None Detected			Penthouse doorway
21	Inside Office Penthouse	Roofing – Black	**good**	**4% Chrysotile**	**non-friable cat. I**	see section 5.0	Floor by AHU #6

5.0 Asbestos Containing Materials and Quantities

RR Donnelley – 460 Ahnaip St. – Menasha

Plant and Office

Floor Tile / Mastic (various) – 29,248 sq.ft.

Transite – 1,376 sq.ft.

Pipe Insulation & Fittings – 2,193 ln.ft.

Panel Glue - Black – 1,002 sq.ft.

Duct Cover - Brown – 24 sq.ft.

Duct Wrap - Black – 900 sq.ft.

Ceramic Tile Glue – 240 sq.ft.

Tar Paper – Black – 180 sq.ft.

Fire Escape Door Caulk – (3) Doors – 6 sq.ft.

Fire Doors (various sizes) – 11 Doors

Penthouse Floor – Roofing – 1,701 sq.ft.

Block Window Caulk – (181 Windows of Various Sizes) – approx. 600 sq.ft.

Glazing (Block Window Inserts) – (267 Windows) – approx. 200 sq.ft.

Glazing (Metal Window) – (16 Windows of Various Sizes) – approx. 60 sq.ft.

Brick Wall Cap Stone Caulk – (132 Seams) – approx. 50 sq.ft.

Exterior Door Frame Caulk – (4 Doors)54 – approx. 12 sq.ft.

Front Entry Caulk – 5 sq.ft.

5.0 Asbestos Containing Materials and Quantities

RR Donnelley – 460 Ahnaip St. – Menasha

Roof

Flashing - Black (4 Story Roof)

Roofing – Black (White Roof - 10 Sections)

Caulk – Black (Around Fan Units)

APPENDIX A

ACM SAMPLE LAB REPORTS

Bulk Sample Log / Chain of Custody Form

American Air Environmental Services, Inc.
49 W 11th Avenue, Oshkosh, WI 54902
Phone (920) 233-7577 Fax (920) 233-7671
E-mail: Tom@aaes.com

Client Name R R Donnelly Project Location Ahnaip Plant Date 9/11/14 - 9/12/14

Inspector Name / Lic # Peter Dobbins - AII 11465-1 Job Description Asbestos Inspection Project No 03-090914-RRD

Sample #	Room / Location	Material Description	Material Code	Condition	Friable	Quantity	Comments
1	Coating - Ceiling	Block - white		G	N		
2	Coating Gins	glue - yellow		D	N		
3	Building Exterior	Caulk - black		G	N		
4	Building Exterior	Caulk - Gray		G	N		Press / Bindings Around fans on roof of Building
5	Coating West 2nd Flr - office	Floor tile - white		G	N		
5A	Coating West 2nd Flr - office	Glue - Yellow		G	N		
6	Exterior Block Window	Mortar - Gray		G	N		
7	Exterior Block Window	Caulk - Gray		G	N		
8	Exterior Block Window	Glaze - white		G	N		Inset Window
9	Coating West 2nd Flr - office	Ceiling Panel - Gray		G	N		
10	Coating West 2nd Flr - office	Fiber Board - Brown		G	N		Above Ceiling Panel
11	Coating East 2nd Flr - office	Glue Pad - Brown		G	N		Above Suspended CT - Below Ceiling Panel
12	Basement Shop Storage	Panel Glue - Black		G	N		
13	Press / Binding West - offices	Foam Panel Glue - Gray		G	N		Behind Foam Panel

Relinquish By Peter Dobbins Signature Peter J Dobbins Date 9/12/14

Received By _____ Signature _____ Date _____

Bulk Sample Log / Chain of Custody Form

American Air Environmental Services, Inc.
49 W 11th Avenue, Oshkosh, WI 54902
Phone (920) 233-7577 Fax (920) 233-7671
E-mail: Tom@aaes.com

Client Name RR Donnelly Project Location Ahnaip Plant Date 9/11 - 9/12/14

Inspector Name / Lic # Peter Dobbins - AII114651 Job Description Asbestos Inspection Project No 03-090914-RRD

Sample #	Room / Location	Material Description	Material Code	Condition	Friable	Quantity	Comments
14	Press/Binding West Office Area	Foam Panel Glue - Blue		G	N		Behind Foam Panel
15	Press & binding west office	Floor tile - white w/ brown		G	N		12x12
15a	Press & binding west office	mastic - black		G	N		
16	4 Story area	caulk - grey		G	N		
17	4 Story area	glaze - grey		D	N		block inset window
18	Exterior Block Windows	Caulk - Gray		D	N		Exterior of Block Windows
19	Exterior Silver Windows	Caulk - Gray		G	N		Exterior of Silver Windows
20	Exterior Brown Windows	Caulk - Black		G	N		
21	Exterior windows	Caulk - Brown		G	N		windows with NO Apparent Caulk/Glazing
22	Exterior Main Entry	Caulk - White		G	N		Around Main Entry Door Frame
23	Exterior Block window	Caulk - Gray		G	N		By Door #2 Exterior of Block Window
24	Exterior Door Frame #2	Caulk - Gray		G	N		
25	4 Story Section	Caulk - White		G	N		2nd Floor Girls Bathroom

Relinquish By Peter Dobbins Signature Peter J. Dobbins Date 9/12/14

Received By _____ Signature _____ Date _____

American Air Environmental Services, Inc. / (920) 235-7577
49 West 11th Avenue - Oshkosh, WI 54902
Bulk Sample Extraction Log / Chain of Custody

Client Name/Address RR Donnelley **Date** 9/19/14
Sampler Peter Dobbins - AII 11465

Sample#	Area	Material Description	Extraction Point
26	Press / Binding - East Break Room - window	Window Caulk - White	window
27	Press/Binding - west Women's Bathroom	Panel Glue - Brown	wall - Behind Panel

Received By _____ **Relinquished By** Peter Dobbins
Date/Time _____ **Date/Time** 9/19/14
Signature _____ **Signature** Peter J. Dobbins

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2225 W. Hubbard Street, Chicago, IL 60612
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http://www.EMSL.com chicagolab@emsl.com

EMSL Order:	261406818
CustomerID:	AMER55
CustomerPO:	
ProjectID:	

Attn: **Peter Dobbins**
American Air Environmental Services
49 W. 11th Avenue
Oshkosh, WI 54902

Phone:	(920) 233-1730
Fax:	(920) 233-7671
Received:	09/15/14 9:45 AM
Analysis Date:	9/16/2014
Collected:	

Project: **RR DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
1 *261406818-0001*	COATING-CEILING - BLOCK-WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
2 *261406818-0002*	COATING GIRLS - GLUE-YELLOW	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
3 *261406818-0003*	BUILDING EXTERIOR AROUND FANS ON ROOF OF PRESS/BIN - CAULK-BLACK	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	**5% Chrysotile**
4 *261406818-0004*	BUILDING EXTERIOR - CAULK-GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
5 *261406818-0005*	COATING 2ND FLR-WEST OFFICE - FLOOR TILE-WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
5A *261406818-0006*	COATING 2ND FLR-WEST OFFICE - GLUE-YELLOW	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
6 *261406818-0007*	EXTERIOR BLOCK WINDOW - MORTAR-GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)
Brian Jolly (13)
Dahlia Zyhowski (14)

James Hahn, Laboratory Manager
or other approved signatory

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amples analyzed by EMSL Analytical, Inc. Chicago, IL NVLAP Lab Code 200399-0

Initial report from 09/16/2014 13:18:29

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EMSL Order:	261406818
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ProjectID:	

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Received:	09/15/14 9:45 AM
Analysis Date:	9/16/2014
Collected:	

Project: **RR DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
7 *261406818-0008*	EXTERIOR BLOCK WINDOW - CAULK-GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
8 *261406818-0009*	EXTERIOR BLOCK WINDOW/INSET WINDOW - GLAZE-WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**<1% Chrysotile**
9 *261406818-0010*	COATING 2ND FLR-WEST OFFICE - CEILIGN PANEL-GRAY	Gray Non-Fibrous Homogeneous		80% Non-fibrous (other)	**20% Chrysotile**
10 *261406818-0011*	COATING 2ND FLR-WEST OFFICE/ABOVE CEILING PANEL - FIBER BOARD-BROWN	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	**None Detected**
11 *261406818-0012*	COATING 2ND FLOR-EAST OFFICE/ABOVE SUSPENDED CT-BE - GLUE PAD-BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
12 *261406818-0013*	BASEMENT SHOP STORAGE - PANEL GLUE-BLACK	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	**3% Chrysotile**

Analyst(s)

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Dahlia Zyhowski (14)

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Samples analyzed by EMSL Analytical, Inc. Chicago, IL NVLAP Lab Code 200399-0

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49 W. 11th Avenue
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Phone:	(920) 233-1730
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Received:	09/15/14 9:45 AM
Analysis Date:	9/16/2014
Collected:	

Project: **RR DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
13 *261406818-0014*	PRESS/BINDING WEST-OFFICES/BEHIND FOAM PANEL - FOAM PANEL GLUE-GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
		Two samples labeled '13' submitted; this sample matches COC descripton.			
14 *261406818-0015*	PRESS/BINDING WEST-OFFICE AREA/BEHIND FOAM PANEL - FOAM PANEL GLUE-BLUE	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
15 *261406818-0016*	PRESS & BINDING WEST OFFICE 12X12 - FLOOR TILE-WHITE W/BROWN	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
15A *261406818-0017*	PRESS & BINDING WEST OFFICE - MASTIC-BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
16 *261406818-0018*	4 STORY AREA - CAULK-GREY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
17 *261406818-0019*	4 STORY AREA/BLOCK INSET WINDOW - GLAZE-GREY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**<1% Chrysotile**

Analyst(s)
Brian Jolly (13)
Dahlia Zyhowski (14)

James Hahn, Laboratory Manager
or other approved signatory

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Analysis Date:	9/16/2014
Collected:	

Project: **RR DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
18 *261406818-0020*	EXTERIOR BLOCK WINDOWS/EXTERIOR OF BLOCK WINDOWS - CAULK-GRAY	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**<1% Chrysotile**
19 *261406818-0021*	EXTERIOR SILVER WINDOWS/EXTERIOR OF SILVER WINDOW - CAULK-GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
20 *261406818-0022*	EXTERIOR BROWN WINDOWS - CAULK-BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
21 *261406818-0023*	EXTERIOR WINDOWS/WINDOWS WITH NO APPARENT CAULK/GL - CAULK-BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
22 *261406818-0024*	EXTERIOR MAIN ENTRY/AROUND MAIN ENTRY DOOR FRAME - CAULK-WHITE	White Non-Fibrous Homogeneous		98% Non-fibrous (other)	**2% Chrysotile**

Analyst(s)
Brian Jolly (13)
Dahlia Zyhowski (14)

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Samples analyzed by EMSL Analytical, Inc. Chicago, IL NVLAP Lab Code 200399-0

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Analysis Date:	9/16/2014
Collected:	

Project: **RR DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
23 *261406818-0025*	EXTERIOR BLOCK WINDOW/BY DOOR #2 EXTERIOR OF BLOCK - CAULK-GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
24 *261406818-0026*	EXTERIOR DOOR FRAME #2 - CAULK-GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**<1% Chrysotile**
25 *261406818-0027*	4 STORY SECTION/2ND FLOOR GIRLS BATHROOM	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Brian Jolly (13)
Dahlia Zyhowski (14)

James Hahn, Laboratory Manager
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Samples analyzed by EMSL Analytical, Inc. Chicago, IL NVLAP Lab Code 200399-0

Initial report from 09/16/2014 13:18:29

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EMSL Order:	261407049
CustomerID:	AMER55
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ProjectID:	

Attn: **Peter Dobbins**
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49 W. 11th Avenue
Oshkosh, WI 54902

Phone:	(920) 233-1730
Fax:	(920) 233-7671
Received:	09/22/14 9:31 AM
Analysis Date:	9/22/2014
Collected:	

Project: **RR DONNELLEY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
26 *261407049-0001*	PRESS/BINDING-EAST BREAK ROOM-WINDOW/WINDOW - WINDOW CAULK-WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
27 *261407049-0002*	PRESS/BINDING-WEST WOMEN'S BATHROOM/WALL-BEHIND PA - PANEL GLUE-BROWN	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Dahlia Zyhowski (2)

James Hahn, Laboratory Manager
or other approved signatory

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Initial report from 09/22/2014 16:59:06

Bulk Sample Log / Chain of Custody Form

American Air Environmental Services, Inc.
49 W 11th Avenue, Oshkosh, WI 54902

Phone (920) 233-7577 Fax (920) 233-7671
E-mail: Tom@aaes.com

Client Name R.R. Donnelly
Project Location Ahnaip Building
Date 9/9 - 9/10/14

Inspector Name / Lic # Peter Dobbins - AI33114671
Job Description Asbestos Inspection
Project No 03-090914-RRD

Sample #	Room / Location	Material Description	Material Code	Condition	Friable	Quantity	Comments
1	Basement Conf. Room	Ceiling Tile - white w/grooves & Holes		G	Y		(12x12) splined
2	Basement Conf.	Carpet glue - yellow		G	N		under carpet squares
3	mens Bathroom	Panel Glue - Brown		G	N		
4	Womens Locker	Drywall - white		D	N		
5	womens Locker	Drywall Comp. - white		G	Y		
6	Womens Bathroom	Ceiling tile - Brown/white		G	Y		(12x12) splined - No Holes
7	womens Bathroom	Ceramic tile Glue - Brown		G	N		
8	womens Locker	Caulk - white		G	N		Around Drywall/Ceramic walls
9	Basement Hall Storage	Pipe Insulation - white		G	Y		
10	Basement Hall Storage	Pipe fitting - white		G	Y		
11	NE corner ~~storage~~ office	pipe wrapping - black		G	N		
12	NE corner ~~storage~~ office	floor tile - black		G	N		(9x9)
12a	NE corner ~~storage~~ office	mastic - black		G	N		
13	NE corner ~~storage~~ office	pipe insulation - tan					

Relinquish By Peter Dobbins Signature [signature] Date 9/10/14

Received By ______ Signature ______ Date ______

Bulk Sample Log / Chain of Custody Form

American Air Environmental Services, Inc.
49 W 11th Avenue, Oshkosh, WI 54902
Phone (920) 233-7577 Fax (920) 233-7671
E-mail: Tom@aaes.com

Client Name R.R. Donnelly Project Location Ahnaip Building Date 9/9 - 9/10/14

Inspector Name / Lic # Peter Dobbins - AII 114651 Job Description Asbestos Inspection Project No 03-0909/4-RRD

Sample #	Room / Location	Material Description	Material Code	Condition	Friable	Quantity	Comments
14	NE corner ~~storage~~ floor	pipe fitting - white					
15	meeting room	plaster rough - grey		G	N		
15a	meeting room	plaster skim - white		G	N		
16	reception office	floor tile - tan		G	N		(9x9) black & white streaks
16a	reception office	mastic - black		G	N		
17	meeting room	floor tile - gray		G	N		(9x9)
17a	meeting room	mastic - black		G	N		
18	Reception	Ceiling Tile - white - Sculpted		G	F		
19	Reception	fibrous duct covering - brown		G	F		
19a	Reception	glue - black		G	N		
20	front entry	Tar Paper - black		G	N		under stair tread
21	front entry	~~stair~~ tread - black		G	N		
21a	front entry	glue - brown		G	N		
22	front entry	door frame caulk - brown		G	N		

Relinquish By Peter Dobbins Signature [signature] Date 9/10/14

Received By _____ Signature _____ Date _____

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Client Name R. R. Donnelly Project Location Ahnaip Building Date 9/9 - 9/10/14

Inspector Name / Lic # Peter Dobbins - AII 114651 Job Description Asbestos Inspection Project No 03-090914-RRD

Sample #	Room / Location	Material Description	Material Code	Condition	Friable	Quantity	Comments
23	[redacted] vault	floor tile - brown		G	N		(9x9)
23a	vault	mastic - black		G	N		
24	vault	floor tile - grey		G	N		(9x9)
24a	vault	mastic - black		G	N		
25	SE office	carpet glue - yellow		G	N		
26	South side Center - office Area	Inset window caulk - Gray		G	N		
27	SW Entry Office Area	Block Window Caulk - Brown		G	N		
28	SW entry office Area	ceiling Tile - white/gray w/ Holes & grooves		G	Y		(2x4)
29	SW Entry Hallway	Door Caulk - Gray		G	N		Interior
30	SW Entry Hallway	Door Caulk - white		G	N		Exterior
31	Central Hallway	Floor tile - Gray w/ Blue streaks		G	N		(12x12)
31A	Central Hallway	mastic - black		G	N		[redacted]
32	server room	glue - yellow		G	N		under wall carpet
33	server room	duct seam [redacted] - black		G	N		Fiberglass insulation

Relinquish By Peter Dobbins Signature Peter J Dobbins Date 9/10/14

Received By _____ Signature _____ Date _____

Bulk Sample Log / Chain of Custody Form

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Client Name R.R. Donnelly Project Location Ahnaip Building Date 9/9-9/10/14

Inspector Name / Lic # Peter Dobbins - AII 117651 Job Description Asbestos Inspection Project No 03-090914-RRD

Sample #	Room / Location	Material Description	Material Code	Condition	Friable	Quantity	Comments
#34	Server room	floor tile - grey		G	N		12x12
34a	Server room	~~asbestos~~ glue - green		G	N		
35	visitor waiting room	glue - black		G	N		behind paneling
36	Central hall	duct paper wrapping - black		D	F		
37	VP office	ceiling tile - ~~white~~ tan		G	F		12x12 white w/ grooves
38	Room 207	Fiberboard - Brown		G	F		Behind uni-vents
39	Room 206	wood floor Glue - Brown		G	N		under wood floor / over concrete
40	Hallway - Central Park	[redacted] Drywall - white					
41	Hallway - Central Park	Drywall Cmpd. - White					
42	Room 221	sheet Flooring - square pattern					
42A	Room 221	mastic - black					

Relinquish By Peter Dobbins Signature Peter J. Dobbins Date 9/10/14

Received By _____ Signature _____ Date _____

Bulk Sample Log / Chain of Custody Form

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Phone (920) 233-7577 Fax (920) 233-7671
E-mail: Tom@aaes.com

Client Name R.R. Donnelly Project Location Ahnaip Building Date 9/11/14

Inspector Name / Lic # Peter Dobbins Job Description Asbestos Inspection Project No 03-090914-RRD

Sample #	Room / Location	Material Description	Material Code	Condition	Friable	Quantity	Comments
43	308	Window calk - white		G	N		inset window
44	Room 311	Tarpaper - black		G	N		on wall next to I-beam
44A	Room 311	Glue - black		G	N		
45	Mech Room Above 3rd Flr.	Window Glaze - Gray		D	N		old metal window
46	mech. room Above 3rd	Window Caulk - gray		D	N		exterior 4th floor mechanical

Relinquish By Peter Dobbins Signature Peter Dobbins Date 9/12/14

Received By _____ Signature _____ Date _____

OrderID: 261406999

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49 West 11th Avenue Oshkosh, WI 54902
Bulk Sample Extraction Log / Chain of Custody 261406999

Client Name/Address RR Donnelly Date 9/18/14
Sampler Peter Dabbins

Sample#	Area	Material Description	Extraction Point
47	Pipe	Paper Wrap	-Tan
48/48A	Rm 211	Floor Tile/Mastic	
	PLM		
	24 hr	TAT	

Received by T. Wiggins
Date/Time 9/19/14 8:57A
Signature

Relinquished By
Date/Time
Signature

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49 West 11th Avenue - Oshkosh, WI 54902
Bulk Sample Extraction Log / Chain of Custody

Client Name/Address RR Donnelley - office Date 9/9/14
Sampler Peter Dobbins - AII114651

Sample#	Area	Material Description	Extraction Point
49	Room 105	Pipe Wrap - Tan/Yellow/Black	Above ceiling tile on pipe
50	Room 211	Floor tile - Brown	Floor - under carpet
50A	Room 211	Mastic - TAN	Floor - under tile

Received By _____ Relinquished By Peter Dobbins
Date/Time _____ Date/Time 9/9/14
Signature _____ Signature John J. Dobbins

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EMSL Order:	261406675
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Attn: **Peter Dobbins**
American Air Environmental Services
49 W. 11th Avenue
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Phone:	(920) 233-1730
Fax:	(920) 233-7671
Received:	09/11/14 9:22 AM
Analysis Date:	9/12/2014
Collected:	

Project: **RR. DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
1 *261406675-0001*	BASEMENT CONF. ROOM - CEILING TILE-WHITE W/GROOVES & HOLES	White Fibrous Homogeneous	65% Cellulose 15% Min. Wool	10% Perlite 10% Non-fibrous (other)	**None Detected**
2 *261406675-0002*	BASEMENT CONF. - CARPET GLUE-YELLOW	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
3 *261406675-0003*	MENS BATHROOM - PANEL GLUE-BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
4 *261406675-0004*	WOMENS LOCKER - DRYWALL-WHITE	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	**None Detected**
5 *261406675-0005*	WOMENS LOCKER - DRYWALL CMPD.-WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
6 *261406675-0006*	WOMENS BATHROOM - CEILING TILE BROWN/WHITE	Brown/White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	**None Detected**
7 *261406675-0007*	WOMENS BATHROOM - CERAMIC TILE GLUE-BROWN	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	**2% Chrysotile**

Analyst(s)
Alice Hillegass (53)

James Hahn, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Chicago, IL NVLAP Lab Code 200399-0

Initial report from 09/12/2014 11:55:09

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EMSL Order:	261406675
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Project: **RR. DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
8 *261406675-0008*	WOMENS LOCKER - CAULK-WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
9 *261406675-0009*	BASEMENT HALL STORAGE - PIPE INSULATION-WHITE	White Fibrous Homogeneous		15% Non-fibrous (other)	**85% Chrysotile**
10 *261406675-0010*	BASEMENT HALL STORAGE - PIPE FITTING-WHITE	White Fibrous Homogeneous	20% Min. Wool	42% Non-fibrous (other)	**35% Chrysotile** **3% Amosite**
11 *261406675-0011*	NE CORNER OFFICE - PIPE WRAPPING-BLACK	Black Fibrous Homogeneous	50% Cellulose	45% Non-fibrous (other)	**5% Chrysotile**
12 *261406675-0012*	NE CORNER OFFICE - FLOOR TILE-BLACK	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	**2% Chrysotile**
12A *261406675-0013*	NE CORNER OFFICE - MASTIC-BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
13 *261406675-0014*	NE CORNER OFFICE - PIPE INSULATION-TAN	Tan Fibrous Homogeneous	25% Cellulose	10% Non-fibrous (other)	**65% Chrysotile**
14 *261406675-0015*	NE CORNER OFFICE - PIPE FITTING-WHITE	Gray Fibrous Homogeneous	65% Min. Wool	20% Non-fibrous (other)	**15% Chrysotile**

Analyst(s)
Alice Hillegass (53)

James Hahn, Laboratory Manager
or other approved signatory

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Project: **RR. DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
15 *261406675-0016*	MEETING ROOM - PLASTER ROUGH-GREY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
15A *261406675-0017*	MEETING ROOM - PLASTER SKIM-WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
16 *261406675-0018*	RECEPTION OFFICE - FLOOR TILE-TAN	Tan Non-Fibrous Homogeneous	5% Wollastonite	95% Non-fibrous (other)	**None Detected**
16A *261406675-0019*	RECEPTION OFFICE - MASTIC-BLACK	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	**5% Chrysotile**
17 *261406675-0020*	MEETING ROOM - FLOOR TILE-GRAY	Gray Non-Fibrous Homogeneous		97% Non-fibrous (other)	**3% Chrysotile**
17A *261406675-0021*	MEETING ROOM - MASTIC-BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18 *261406675-0022*	RECEPTION - CEILING TILE-WHITE-SCULPTED	White Fibrous Homogeneous	90% Min. Wool	10% Non-fibrous (other)	**None Detected**
19 *261406675-0023*	RECEPTION - FIBROUS DUCT COVERING-BROWN	Brown/White Fibrous Homogeneous	75% Cellulose	10% Non-fibrous (other)	**15% Chrysotile**

Analyst(s)
Alice Hillegass (53)

James Hahn, Laboratory Manager
or other approved signatory

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Project: **RR. DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
19A *261406675-0024*	RECEPTION - GLUE-BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
20 *261406675-0025*	FRONT ENTRY - TAR PAPER-BLACK	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (other)	**None Detected**
21 *261406675-0026*	FRONT ENTRY - STRAIR TREAD-BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
21A *261406675-0027*	FRONT ENTRY - GLUE-BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
22 *261406675-0028*	FRONT ENTRY - DOOR FRAME CAULK-BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
23 *261406675-0029*	VAULT - FLOOR TILE-BROWN	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	**2% Chrysotile**
23A *261406675-0030*	VAULT - MASTIC-BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
24 *261406675-0031*	VAULT - FLOOR TILE-GREY	Gray Non-Fibrous Homogeneous		95% Non-fibrous (other)	**5% Chrysotile**

Analyst(s)
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Project: **RR. DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
24A *261406675-0032*	VAULT - MASTIC-BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
25 *261406675-0033*	SE OFFICE - CARPET GLUE-YELLOW	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
26 *261406675-0034*	SOUTH SIDE CENTER-OFFICE AREA - INSET WINDOW CAULK-GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
27 *261406675-0035*	SW ENTRY OFFICE AREA - BLACK WINDOW CAULK-BROWN	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	**2% Chrysotile**
28 *261406675-0036*	SW ENTRY OFFICE AREA - CEILING TILE-WHITE/GRAY W/HOLES & GROOVES	White Fibrous Homogeneous	70% Cellulose	20% Perlite 10% Non-fibrous (other)	**None Detected**
29 *261406675-0037*	SW ENTRY HALLWAY - DOOR CAULK-GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
30 *261406675-0038*	SW ENTRY HALLWAY - DOOR CAULK-WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)
Alice Hillegass (53)

James Hahn, Laboratory Manager
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Project: **RR. DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
31 *261406675-0039*	CENTRAL HALLWAY - FLOOR TILE-GRAY W/BLUE STREAKS	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
31A *261406675-0040*	CENTRAL HALLWAY - MASTIC BLACK	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	**5% Chrysotile**
32 *261406675-0041*	SERVER ROOM - GLUE-YELLOW	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
33 *261406675-0042*	SERVER ROOM - DUCT SEAM-BLACK	Black Fibrous Homogeneous	35% Cellulose 35% Glass	30% Non-fibrous (other)	**None Detected**
34 *261406675-0043*	SERVER ROOM - FLOOR TILE-GREY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
34A *261406675-0044*	SERVER ROOM - GLUE-GREEN	Green Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
35 *261406675-0045*	VISITOR WAITING ROOM - GLUE-BLACK	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	**3% Chrysotile**
36 *261406675-0046*	CENTRAL HALL - DUCT PAPER WRAPPING-BLACK	Black Fibrous Homogeneous	15% Cellulose	20% Non-fibrous (other)	**65% Chrysotile**

Analyst(s)
Alice Hillegass (53)

James Hahn, Laboratory Manager
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Project: **RR. DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	Description	Appearance	%	Fibrous	%	Non-Fibrous	% Type
37 *261406675-0047*	VP OFFICE - CEILNG TILE-TAN	Tan Fibrous Homogeneous	95%	Min. Wool	5%	Non-fibrous (other)	**None Detected**
38 *261406675-0048*	ROOM 207 - FIBER BOARD-BROWN	Brown Fibrous Homogeneous	98%	Cellulose	2%	Non-fibrous (other)	**None Detected**
39 *261406675-0049*	ROOM 206 - WOOD FLOOR GLUE-BROWN	Brown Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
40 *261406675-0050*	HALLWAY-CENTRAL PARK - DRYWALL-WHITE	White Non-Fibrous Homogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
41 *261406675-0051*	HALLWAY-CENTRAL PARK - DRYWALL CMPD.-WHITE	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
42 *261406675-0052*	ROOM 221 - SHEET FLOORING SQUARE PATTERN	Beige Non-Fibrous Homogeneous	15% 10%	Cellulose Synthetic	75%	Non-fibrous (other)	**None Detected**
42A *261406675-0053*	ROOM 221 - PLASTIC-BLACK	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

Analyst(s)
Alice Hillegass (53)

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Received:	09/15/14 9:45 AM
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Project: **R.R. DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
43 *261406810-0001*	308/INSET WINDOW - WINDOW CAULK-WHITE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**<1% Chrysotile**
44 *261406810-0002*	ROOM 311/ON WOOD NEXT TO I-BEAM - TAR PAPER-BLACK	Black Fibrous Homogeneous	50% Cellulose	15% Non-fibrous (other)	**35% Chrysotile**
44A *261406810-0003*	ROOM 311 - GLUE-BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
45 *261406810-0004*	MECH ROOM ABOVE 3RD FLR./OLD METAL WINDOW - WINDOW GLAZE-GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**<1% Chrysotile**
46 *261406810-0005*	MECH ROOM ABOVE 3RD/EXTERIOR 4TH FLOOR MECHANICAL - WINDOW CAULK-GRAY	Gray Non-Fibrous Homogeneous	2% Wollastonite	98% Non-fibrous (other)	**None Detected**

Analyst(s)
Dahlia Zyhowski (5)

James Hahn, Laboratory Manager
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Received:	09/19/14 8:51 AM
Analysis Date:	9/21/2014
Collected:	

Project: **RR DONNELLY**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	Description	Appearance	%	Fibrous	%	Non-Fibrous	% Type
47 *261406999-0001*	PIPE - PAPER WRAP-TAN	Black/Silver Fibrous Homogeneous	65%	Cellulose	35%	Non-fibrous (other)	**None Detected**
48 *261406999-0002*	RM 211 - FLOOR TILE/MASTIC	Black Non-Fibrous Homogeneous	20%	Cellulose	80%	Non-fibrous (other)	**None Detected**
48A *261406999-0003*	RM 211 - FLOOR TILE/MASTIC	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

Analyst(s)
Alice Hillegass (3)

James Hahn, Laboratory Manager
or other approved signatory

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CustomerPO:	
ProjectID:	

Attn: **Peter Dobbins**
American Air Environmental Services
49 W. 11th Avenue
Oshkosh, WI 54902

Phone:	(920) 233-1730
Fax:	(920) 233-7671
Received:	09/22/14 9:31 AM
Analysis Date:	9/22/2014
Collected:	

Project: **RR DONNELLEY-OFFICE**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**		**% Type**
49 *261407048-0001*	ROOM 105/ABOVE CEILING TILE ON PIPE - PIPE WRAP-TAN/SILVER/BLACK	Black Fibrous Homogeneous	65%	Cellulose	35%	Non-fibrous (other)	**None Detected**
50 *261407048-0002*	ROOM 211/FLOOR - UNDER CARPET - FLOOR TILE-BROWN	Brown Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
50A *261407048-0003*	ROOM 211/FLOOR-UNDER TILE - MASTIC-TAN	Black Fibrous Heterogeneous	50%	Cellulose	50%	Non-fibrous (other)	**None Detected**

Analyst(s)
Dahlia Zyhowski (3)

James Hahn, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Chicago, IL NVLAP Lab Code 200399-0

Initial report from 09/22/2014 16:58:13

American Air Environmental Services, Inc. / (920) 235-7577
49 West 11th Avenue - Oshkosh, WI 54902
Bulk Sample Extraction Log / Chain of Custody

Client Name/Address R R Donnelly - AHNAIS ROOF Date 9/12/14
Sampler Peter Dobbins - AIS 114651

Sample#	Area	Material Description	Extraction Point
1	4 story roof	black	By Penthouse
2	4 story roof	black	middle of 4 story
3	4 story roof	black	SE corner
4	4 story roof	black flashing	SE corner
5	4 story roof	black flashing	west
6	4 story roof	black flashing	penthouse
7	Press & binding	black	east side metal wall
8	Press & binding	flashing	east side metal wall
9	Press & binding	white roofing	press and binding
10	Press & binding	white roof flashing white	
11	press & binding	caulk	top of brick wall
12	Press & binding	white roofing	east press & binding
13	Press & binding	white roof flashing white	east
14	Press & banding	black roof	east
15	Press & binding	black flashing	east
16	office roof	black roofing	south center
17	office roof	black flashing	South center
18	office roof	black roofing	south east.

Received By _____ Relinquished By Peter Dobbins
Date/Time _____ Date/Time 9/12/14
Signature _____ Signature Peter J. Dobbins

THE INDIVIDUAL SIGNING ABOVE HEREBY AGREES TO PAY AAES, INC. IN FULL FOR LABORATORY ANALYSIS AND FINAL REPORT. AS STIPULATED ON AAES, INC. INVOICE, DELINQUENT ACCOUNTS WILL BE ASSESED AT 1.5% PER MONTH SERVICE CHARGE

American Air Environmental Services, Inc. / (920) 233-1511
49 West 11th Avenue - Oshkosh, WI 54902

Bulk Sample Extraction Log / Chain of Custody

Client Name/Address R R Donnelly - AHN Air Roof Date 9/12/14
Sampler Peter Dobbins - AEI 11461

Sample#	Area	Material Description	Extraction Point
19	Office Roof	Roofing - Black	NW Roof
20	Office Roof	Flashing - Black	Penthouse Doorway
21	Penthouse Floor	Roofing - Black	Inside Penthouse by AHN #6

Received By _____ Relinquished By Peter Dobbins
Date/Time _____ Date/Time 9/12/14
Signature _____ Signature Peter J Dobbins

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2225 W. Hubbard Street, Chicago, IL 60612
Phone/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com chicagolab@emsl.com

EMSL Order:	261406809
CustomerID:	AMER55
CustomerPO:	
ProjectID:	

Attn: **Peter Dobbins**
American Air Environmental Services
49 W. 11th Avenue
Oshkosh, WI 54902

Phone:	(920) 233-1730
Fax:	(920) 233-7671
Received:	09/15/14 9:45 AM
Analysis Date:	9/16/2014
Collected:	

Project: **RR DONNELLY-AHNAIP ROOF**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
1-Roofing *261406809-0001*	4 STORY ROOF/BY PENTHOUSE - BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-Insulation *261406809-0001A*	4 STORY ROOF/BY PENTHOUSE - BLACK	Brown Fibrous Homogeneous	70% Cellulose	20% Perlite 10% Non-fibrous (other)	**None Detected**
2-Roofing *261406809-0002*	4 STORY ROOF/MIDDLE OF 4 STORY - BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
2-Insulation *261406809-0002A*	4 STORY ROOF/MIDDLE OF 4 STORY - BLACK	Brown Non-Fibrous Homogeneous	70% Cellulose	20% Perlite 10% Non-fibrous (other)	**None Detected**
2-Insulation 2 *261406809-0002B*	4 STORY ROOF/MIDDLE OF 4 STORY - BLACK	Yellow Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (other)	**None Detected**
3-Roofing *261406809-0003*	4 STORY ROOF/SE CORNER - BLACK	Black Fibrous Heterogeneous	15% Cellulose 25% Glass	60% Non-fibrous (other)	**None Detected**
3-Insulation *261406809-0003A*	4 STORY ROOF/SE CORNER - BLACK	Brown Fibrous Homogeneous	70% Cellulose	20% Perlite 10% Non-fibrous (other)	**None Detected**

Analyst(s)
Alice Hillegass (4)
Brian Jolly (34)

James Hahn, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Chicago, IL NVLAP Lab Code 200399-0

Initial report from 09/16/2014 13:58:32

EMSL Analytical, Inc.
2225 W. Hubbard Street, Chicago, IL 60612
Phone/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com chicagolab@emsl.com

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Oshkosh, WI 54902

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Project: **RR DONNELLY-AHNAIP ROOF**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
3-Insulation *261406809-0003B*	4 STORY ROOF/SE CORNER - BLACK	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
4 *261406809-0004*	4 STORY ROOF/SE CORNER - BLACK FLASHING	Black Non-Fibrous Homogeneous	15% Cellulose 25% Glass	55% Non-fibrous (other)	**5% Chrysotile**
5 *261406809-0005*	4 STORY ROOF/WEST - BLACK FLASHING	Black Non-Fibrous Homogeneous	15% Cellulose 25% Glass	55% Non-fibrous (other)	**5% Chrysotile**
6 *261406809-0006*	4 STORY ROOF/PENTHOUSE - BLACK FLASHING	Black Fibrous Homogeneous	20% Cellulose 10% Glass	65% Non-fibrous (other)	**5% Chrysotile**
7-Roofing *261406809-0007*	PRESS & BINDING/EAST SIDE METAL WALL - BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
7-Insulation *261406809-0007A*	PRESS & BINDING/EAST SIDE METAL WALL - BLACK	Brown Non-Fibrous Homogeneous	70% Cellulose	20% Perlite 10% Non-fibrous (other)	**None Detected**
7-Insulation 2 *261406809-0007B*	PRESS & BINDING/EAST SIDE METAL WALL - BLACK	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Alice Hillegass (4)
Brian Jolly (34)

James Hahn, Laboratory Manager
or other approved signatory

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Project: **RR DONNELLY-AHNAIP ROOF**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
8 *261406809-0008*	PRESS & BINDING/EAST SIDE METAL WALL - FLASHING	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
9-Roofing *261406809-0009*	PRESS & BINDING/PRESS AND BINDING - WHITE ROOFING	Black Non-Fibrous Homogeneous		96% Non-fibrous (other)	**4% Chrysotile**
9-Insulation *261406809-0009A*	PRESS & BINDING/PRESS AND BINDING - WHITE ROOFING	Brown Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)	**None Detected**
10 *261406809-0010*	PRESS & BINDING - WHITE ROOF FLASHING WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
11 *261406809-0011*	PRESS & BINDING/TOP OF BRICK WALL - CAULK	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	**3% Chrysotile**
12-Roofing *261406809-0012*	PRESS & BINDING/EAST PRESS & BINDING - WHITE ROOFING	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Alice Hillegass (4)

Brian Jolly (34)

James Hahn, Laboratory Manager
or other approved signatory

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Project: **RR DONNELLY-AHNAIP ROOF**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	Description	Appearance	% Fibrous		% Non-Fibrous		% Type
12-Insulation *261406809-0012A*	PRESS & BINDING/EAST PRESS & BINDING - WHITE ROOFING	Brown Fibrous Homogeneous	70%	Cellulose	20% 10%	Perlite Non-fibrous (other)	**None Detected**
13 *261406809-0013*	PRESS & BINDING/EAST - WHIT ROOF FLASHING WHITE	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
14-Roofing *261406809-0014*	PRESS & BINDING/EAST - BLACK ROOF	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
14-Insulation *261406809-0014A*	PRESS & BINDING/EAST - BLACK ROOF	Brown Fibrous Homogeneous	70%	Cellulose	20% 10%	Perlite Non-fibrous (other)	**None Detected**
14-Insulation 2 *261406809-0014B*	PRESS & BINDING/EAST - BLACK ROOF	Yellow Fibrous Homogeneous	90%	Synthetic	10%	Non-fibrous (other)	**None Detected**
15 *261406809-0015*	PRESS & BINDING/EAST - BLACK FLASHING	Black/Silver Non-Fibrous Homogeneous	2%	Wollastonite	98%	Non-fibrous (other)	**None Detected**
16-Roofing *261406809-0016*	OFFICE ROOF/SOUTH CENTER - BLACK ROOFING	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

Analyst(s)

Alice Hillegass (4)
Brian Jolly (34)

James Hahn, Laboratory Manager
or other approved signatory

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	Description	Appearance	% Fibrous		% Non-Fibrous		% Type
16-Insulation *261406809-0016A*	OFFICE ROOF/SOUTH CENTER - BLACK ROOFING	Brown Non-Fibrous Homogeneous	70%	Cellulose	20% 10%	Perlite Non-fibrous (other)	**None Detected**
16-Insulation 2 *261406809-0016B*	OFFICE ROOF/SOUTH CENTER - BLACK ROOFING	Yellow Fibrous Homogeneous	90%	Synthetic	10%	Non-fibrous (other)	**None Detected**
17 *261406809-0017*	OFFICE ROOF/SOUTH CENTER - BLACK FLASHING	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
18-Roofing *261406809-0018*	OFFICE ROOF/SOUTH EAST - BLACK ROOFING	Black Non-Fibrous Homogeneous	2%	Glass	98%	Non-fibrous (other)	**None Detected**
18-Insulation *261406809-0018A*	OFFICE ROOF/SOUTH EAST - BLACK ROOFING	Brown Fibrous Homogeneous	70%	Cellulose	20% 10%	Perlite Non-fibrous (other)	**None Detected**
18-Insulation 2 *261406809-0018B*	OFFICE ROOF/SOUTH EAST - BLACK ROOFING	Yellow Non-Fibrous Homogeneous	90%	Synthetic	10%	Non-fibrous (other)	**None Detected**
19-Roofing *261406809-0019*	OFFICE ROOF/NW ROOF - ROOFING-BLACK	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

Analyst(s)

Alice Hillegass (4)

Brian Jolly (34)

James Hahn, Laboratory Manager
or other approved signatory

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Project: **RR DONNELLY-AHNAIP ROOF**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
19-Insulation *261406809-0019A*	OFFICE ROOF/NW ROOF - ROOFING-BLACK	Brown Non-Fibrous Homogeneous	70% Cellulose	20% Perlite 10% Non-fibrous (other)	**None Detected**
19-Insulation 2 *261406809-0019B*	OFFICE ROOF/NW ROOF - ROOFING-BLACK	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
20 *261406809-0020*	OFFICE ROOF/PENTHOUSE DOORWAY - FLASHING-BLACK	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
21 *261406809-0021*	PENTHOUSE FLOOR/INSIDE PENTHOUSE BY AHU #6 - ROOFING-BLACK	Black Non-Fibrous Homogeneous		96% Non-fibrous (other)	**4% Chrysotile**

Analyst(s)

Alice Hillegass (4)
Brian Jolly (34)

James Hahn, Laboratory Manager
or other approved signatory

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Initial report from 09/16/2014 13:58:32

APPENDIX B

CERTIFICATIONS

COPY

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Peter James Dobbins
380 Foster St
Oshkosh WI 54902-5718

		235 lbs	5' 10"
AII-114651	Exp: 11/09/2014	08/16/1974	Male

Training due by: 11/09/2014

State of Wisconsin
Department of Health Services
Asbestos & Lead Section
1 West Wilson St, Room 137
Madison, WI 53703
Phone: 608-261-6876
Fax: 608-266-9711

Email: dhsasbestoslead@wi.gov
Web: www.dhs.wi.gov/lead
www.dhs.wi.gov/asbestos

NOT official identification – proof of certification only

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200399-0

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Chicago, IL

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2014-04-01 through 2015-03-31

Effective dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Institute of Standards and Technology

Phase 1 Environmental Assessment

Phase I Environmental Site Assessment

RR Donnelley Properties

Ahnaip Street

Menasha, Winnebago County, Wisconsin

September 13, 2016

Terracon Project No. 58167124

Prepared for:
RR Donnelley
Spartanburg, South Carolina

Prepared by:
Terracon Consultants, Inc.
Franklin, Wisconsin

terracon.com

Terracon

Environmental ■ Facilities ■ Geotechnical ■ Materials

September 13, 2016

RR Donnelley
300 Jones Road
Spartanburg, South Carolina 29307

Attention: Mr. Alan H. Carter
Phone: (864) 612-9709
Email: alan.carter@rrd.com

Re: Phase I Environmental Site Assessment
RR Donnelley Properties
Ahnaip Street
Menasha, Winnebago County, Wisconsin
Terracon Project No. 58167124

Dear Mr. Carter:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed in accordance with Terracon Proposal No. P58167124 dated July 7, 2016.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally and nationally. For more detailed information on all of Terracon's services please visit our website at www.terracon.com. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

Elizabeth M. Newbold
Environmental Scientist

Blaine R. Schroyer, P.E.
Principal/Office Manager

Attachments

TABLE OF CONTENTS

APPENDICES

EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with Terracon Proposal No. P58167124 dated July 7, 2016, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Blaine R. Schroyer, P.E., Environmental Professional. Elizabeth M. Newbold, Environmental Professional, performed the site reconnaissance on August 11, 2016.

Findings

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

Site Description and Use

The site is located at 460 Ahnaip Street and 477 Ahnaip Street, Menasha, Winnebago County, Wisconsin. The site consists of five parcels located on the north and south side of Ahnaip Road (See Exhibit 2 in Appendix A for parcel layout and boundaries). The parcels total approximately 7.22 acres. Of the parcels, only one parcel (Parcel A) is improved with a building, the former 'RR Donnelley Book Plant' facility. Additional improvements of Parcel A include the west parking lot (former location of the Island Paper Company Paper Mill that was demolished prior to 1948), which includes a greenspace adjoining the Fox River (for public access). Parcel B is identified as the peninsula parcel which extends south to north under the Racine Street Bridge and is a vacant vegetated area with some asphalt-covered areas. Parcel C is identified as the corner lot, located south of Parcel A and is small lot occupied by a City of Menasha sign. Parcels D and E are an asphalt-paved parking lot identified as the east parking lot (former employee parking lot). The on-site facility was reportedly in phases between 1911 and 1994. The facility was originally constructed by the George Banta Publishing Group (ultimately known as Banta Corp.) and has been in continuous use as a publishing facility since its original construction. The facility was purchased by RR Donnelley in 2007. The plant ceased operation in 2011. The former factory is a vacant.

Historical Information

Historically, the west/northwest portion of Parcel A of the site was occupied by a paper and sulphite mill from approximately 1887 until 1942. The south/east portion of Parcel A was originally constructed with the first buildings of the present-day printing facility in 1911. The historic use of the site for paper mill operations between approximately 1877 and 1942; and the historic operations associated with the printing facility that remains on-site since 1911 are considered recognized environmental conditions (RECs) to the site. Several specific features of concern were noted on the Sanborn maps including: oil and gasoline tanks (various time frames), lime tanks

and Sulphur storage, associated with the sulphite, an acid plant and associated acid tanks in conjunction with the paper mill, and storage of adhesives, oils, and solvents in the printing plant and the location of a fuel oil tank and ink storage area in the plant. In addition, the aerial photographs and Sanborn maps appear to show areas of the northern portion of the site and the peninsula have been filled. The presence of fill from an unknown source is considered a REC.

The south-southwest adjoining property was identified as the Gilbert Paper Company from 1894-2010. These operations and features typically include the use of petroleum products and/or hazardous chemicals. Information regarding potential impacts from this facility are discussed in Section 4.1. Adjoining properties to the north, east and southeast have historically included residential properties.

Prior Report

Terracon was provided a prior Phase I ESA Report dated April 2014. The subject of the Phase I was identified as "three parcels of land identified as 460 Ahnaip Street, the East Parking Lot, and the West Parking Lot/Vegetated Peninsula, Menasha, Winnebago County, Wisconsin, currently owned by RR Donnelley & Sons, Inc." The following RECs and Historic RECs (HRECs) were identified in the prior report.

RECs

- "The entire West Parking Lot area historically was a paper and sulfite mill. The mill was razed prior to 1948. Given the lack of environmental regulatory requirements at that time, some soil or groundwater issues may remain unaddressed."
- "Undocumented fill material throughout the property may require testing when the property is being razed for redevelopment."

HRECs

- "Two leaking underground tanks were removed in 1991. Laboratory results indicated low concentrations of benzene (25 mg/kg) and 1, 2-Dichlorobenzene (36 mg/kg) in two of the soil samples following tank removal and excavation of impacted soil. WI DNR approved closure with no further action required. The case is closed."
- "A 1977 spill of approximately 50-gallons of fuel oil resulted in some oil entering the nearby waterway. Response was immediate and to the satisfaction of WI DNR."
- "The former Gilbert Paper Company, the adjoining property to the south, has had significant environmental contamination issues. Clean-up activities have resulted in a deed restriction on the property."

Records Review

The site address is identified in multiple environmental regulatory databases and is listed on the Wisconsin Department of Natural Resources (WDNR) Remediation and Redevelopment Sites Map (see Appendix C) including: SHWIMS, SPILLS, TRIS, FINDS, AIRS, Manifest, TIER 2, and UST databases. The site is registered in the WDNR ERP database with a closed ERP case (BRRTS #02-17-000020). The case was opened on September 29, 1989. Terracon reviewed the available file information (copies of portions of the file included in Appendix C). The summary information provided by the WDNR indicated that two approximately 100-gallon USTs were

removed September 1989. The tanks were reportedly installed in the 1940s to disburse solvents and were drained and filled with water in approximately 1972. Contaminated soil from around the two tank locations was excavated and disposed. Groundwater was reportedly not encountered during excavation. The extent of the excavation for both tanks was limited by the foundation of the Banta building to the north and the Ahnaip Street right-of-way to the south. Final soil sample analytical results prior to backfilling the holes identified minor residual contamination. Groundwater and vapor intrusion were not investigated. Based on the incomplete investigation of the release, the closed ERP case is considered a REC.

The adjoining property to the south-southwest (former Gilbert Paper Co.) is identified in multiple regulatory environmental databases. A General Property case (BRRTS #07-71-562567), identified as Fox River Park-Menasha is associated with this facility. The listing is for an exemption to build "riverwalk adjacent to former Gilbert Paper facility" over impacted fill. The riverwalk construction adjoins the subject site on the western boundary. Based on review of the filing, it is likely the same fill material identified at this location exists beneath the subject site (as discussed in Section 3.1). Undocumented fill is likely present on the western portion of the site, which is considered a REC.

The former Gilbert Paper Co. location is registered with a closed LUST case related to the removal of two 20,000-gallon fuel oil USTs. The investigation included borings on the subject site. Analytical results reported for the on-site soil borings identified DRO concentration of 26 ppm. The WDNR noted, "Company has removed USTs and contaminated soil. Cannot excavate all contaminated soil due to close proximity of property line, buildings and Fox River." The case was closed on October 12, 1995. At the time the LUST case was closed, residual contamination was present on the site. If the impacted soil is disturbed, it must be properly managed. Therefore, this closed LUST case is considered a controlled REC (CREC).

Site Reconnaissance

Obvious indications of RECs were not identified during the site reconnaissance activities. The plant ceased operations in 2011 and majority of the equipment, waste and products have been removed from the plant. The plant historically operated multiple presses associated with printing and publishing activities. Petroleum products including lubricants, hydraulic oil, and solvents (for cleaning) were historically used for maintenance of the machinery. Although, these materials were not observed in the vacant facility, the over 100 years of historic petroleum and solvent use is considered a REC to the site.

Adjoining Properties

Currently, the site is adjoined by the Fox River to the north and west. Residential properties adjoin the site to the north, east, and southeast. The Nicolet Elementary school adjoins the southwest side of the site. The former Gilbert Paper Co. property (under renovation with no remaining plant buildings) adjoins the property to the south-southwest. The former Gilbert Paper Co. is discussed in Section 4.1

Additional Services

Additional services were not included in the scope of this report.

Opinions and Conclusions

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E 1527-13 of the RR Donnelley Properties, generally located at 460 Ahnaip Street and 477 Ahnaip Street, Menasha, Winnebago County, Wisconsin, the site. Recognized environmental conditions (RECs) were identified in connection with the site.

- The historic use of the west-northwest portion of Parcel A of the site for paper mill operations between approximately 1877 and 1942 is considered a REC.
- The historic operations associated with the printing/publishing facility that has operated on the south portion of Parcel A since 1911 is considered a REC.
- Review of aerial photographs and Sanborn maps appear to show areas of the west-northwest portion of the site and the peninsula have been filled. The presence of fill from an unknown source is considered a REC.
- Residual contamination associated with the removal of two solvent USTs at the site in 1989 is considered a REC as groundwater and vapor intrusion were not investigated at that time.
- The likely presence of undocumented fill on the western portion of the site is considered a REC.
- A LUST investigation associated with the adjoining Gilbert Paper Co. included borings on the subject site, which identified DRO concentration of 26 ppm. The case was closed on October 12, 1995. At the time the LUST case was closed, residual contamination was present on the site. Therefore, the closed LUST case is considered a controlled REC (CREC). If the impacted soil is disturbed, it must be properly managed.

Significant Data Gaps

No significant data gaps were identified during completion of the Phase I ESA.

Phase 2.5 Environmental Assessment

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March 25, 2019 *AMENDED*

Ms. Kathie Van Price
Wisconsin Department of Transportation
944 Van Der Perren Way
Green Bay, WI 54324

Subject: Phase 2.5 Subsurface Investigation – Former Banta Publishing Corp.
Racine Street & Ahnaip Street, Menasha, Wisconsin
WisDOT ID #4992-03-00

Dear Ms. Van Price:

TRC was retained by the Wisconsin Department of Transportation (WisDOT) to perform a Phase 2.5 subsurface investigation to identify and determine the nature and extent of soil and groundwater contamination within the existing or proposed right-of-way (ROW) as well as the Former Banta Publishing Corporation (Banta) property located at Racine Street and Ahnaip Street in Menasha. In anticipation of the Racine Street Bridge reconstruction project, the Banta property was purchased by the City of Menasha, and potential subsurface contamination at this site was identified during previous site investigation activities and due to previously known LUSTs and the presence of historic fill material onsite.

This report only focuses on the soil and groundwater investigation performed south of the Fox River, associated with the Former Banta Publishing property and associated ROW. A separate report, for the entire construction corridor, including the area north of the Fox River and the Racine Street Bridge, will be prepared and submitted at a later date.

Volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and metals-contaminated soil and VOCs and metals-contaminated groundwater were encountered in the proposed construction corridor. During previous investigations, the WDNR has opened BRRTS#02-71-000020. The WDNR will likely require additional groundwater monitoring from the existing monitoring wells to bring the site toward closure.

Background Information

The WisDOT is planning to reconstruct the Racine Street Bridge from Main Street to Ahnaip Street in Menasha, Wisconsin. Construction is estimated to begin in 2020 and finish in 2022. The proposed reconstruction includes replacement of roadway, curb and gutter, and sidewalk, as well as the installation of new storm sewer, water main, and sanitary sewer along Racine Street and adjacent roads. The construction of a new bridge over the Fox River will also involve the removal and management of soil and sediment. Soil is planned to be excavated to depths of approximately nine feet below ground surface (bgs) for the construction of water and sewer lines.

Terracon completed a Phase I ESA for the Banta property in September 2016, and a Limited Site Investigation in August 2017. The Phase 1 ESA identified two recognized environmental concerns (RECs) and three historic RECs (HRECs). The Limited Site Investigation report identified six RECs that partially overlapped with the Phase 1 ESA findings. (See Attachment 1 for data tables prepared by Terracon.) These RECs and the proposed WisDOT construction plans were used to determine the boring locations of TRC's Phase 2.5 subsurface investigation.

Soil and Groundwater Investigation

Representatives from TRC and TRC's Geoprobe® subcontractor, On-Site Environmental Services, Inc. (On-Site) were in Menasha, WI on February 5-6, 2019, to complete a soil and groundwater investigation for the construction corridor. The Phase 2.5 Investigation for the area south of the Fox River consisted of 9 soil borings, and two temporary groundwater monitoring wells. The soil boring and temporary well locations are shown in Figure 1 and soil boring logs are included in Attachment 2. Each boring was advanced to a depth of 10 feet bgs unless refusal occurred before 10 feet or potential contamination was encountered and further exploration was warranted. Photographs are included as Attachment 3.

Soil cuttings generated during this investigation were containerized and stored onsite and will be disposed of under the WisDOT's hazardous waste disposal contract with Veolia Environmental Services.

Up to two soil samples were collected from each of the 9 borings for laboratory analysis. Soil samples were collected from the depth interval(s) with the highest impacts based on field-screening results. If no impacts were observed in the field, then a soil sample was

collected from the depth interval most likely impacted based on historic information, or that pose a potential direct contact hazard.

Saturated soils were encountered in a boring located near the Fox River (GB1 and GB2) and near Ahnaip Street (GB5) at depths ranging from 7.5 - 15 ft. bgs. Temporary groundwater monitoring wells were constructed at soil borings GB2 and GB5. The depth to groundwater at GB2 was found to be approximately 5.20 ft. bgs, and at GB5, it was measured to be 14.52 ft. bgs. It is anticipated that groundwater will be encountered during construction of the Racine Street bridge piers.

Temporary wells were installed in borings GB2 and GB5 as groundwater was present in the soil borings and the observed depth to groundwater indicated that it could be encountered during construction. Groundwater samples were collected using a peristaltic pump and dedicated LDPE and silicon tubing. Each boring was abandoned immediately following sample collection in accordance with NR 141.25.

Soil Analytical Results

Soil samples were submitted to Pace Analytical, Inc. (Pace) for laboratory analysis for a combination of DRO, GRO, VOCs, PAHs, and RCRA metals. The analytical results are summarized in Table 1.

The results from the soil sampling indicate that contaminated soil is present within the projected limits of construction and under the northeastern portion of the former Banta Publishing building. Soil with contamination exceeding the WDNR NR 720 residual contaminant levels (RCLs) was encountered at GB1, GB5, GB11, and GB14. In general, the soil contamination was primarily VOC-related near Ahnaip Street (GB5) or metals/PAH-related under the Banta building and near the Racine Street Bridge (GB1, GB11, and GB14). NR 720 Soil RCL exceedances are as follows:

- **GB1 (2.5-5):** Non-Industrial Direct contact RCL exceedance of benzo(a)pyrene. Groundwater pathway RCL exceedances of benzo(b)fluoranthene, chrysene, selenium, and mercury.
- **GB5 (5-7.5):** Groundwater pathway RCL exceedance of benzene.
- **GB5 (9-10):** Industrial Direct contact RCL exceedance of benzene and Non-Industrial Direct Contact RCL exceedance of ethylbenzene. Groundwater pathway RCL exceedances of 1,2,4- and 1,3,5-trimethylbenzenes, naphthalene, and m&p-xylene.

- **GB11 (1-3):** Background Threshold Value (BTV) and Groundwater pathway RCL exceedance of lead.
- **GB14 (1-2):** Direct contact RCL and BTV exceedance of arsenic. BTV and Groundwater pathway RCL exceedance of lead.

Groundwater Analytical Results

Two groundwater samples were collected within the construction corridor at borings GB2 and GB5. The samples were submitted to Pace for laboratory analysis for DRO, GRO, VOCs, PAHs, and RCRA metals. The analytical results are summarized in Table 2.

Groundwater sampled from both temporary wells had NR 140 Enforcement Standard (ES) and/or Preventive Action Limit (PAL) exceedances. In general, as seen in the soil analytical results, VOC-related groundwater contamination was found near Ahnaip Street (GB5/TW2) and metals-related groundwater contaminated was observed in close proximity to the Racine Street Bridge.

- **GB2/TW1:** PAL exceedances of dissolved arsenic and dissolved cadmium.
- **GB5/TW2:** ES exceedances of benzene and 1,2-dichloroethane. PAL exceedances of cis-1,2-dichloroethane and ethylbenzene.

Conclusions and Recommendations

The results of the investigation conclude that contaminated soil and groundwater are present within the limits of construction at the following locations:

Petroleum Contamination

- Station 1+47 NB to 2+50 NB beginning at 4 ft. bgs and below, from reference line to limits on LT

Metals Contamination

- Station 2+50 NB to 3+00 NB between 0 to 6 ft. bgs, from reference line to northwestern side of former Banta Publishing Corporation building
- Station 9+75 NB to 10+25 NB, from limits on LT to limits on RT

PAHs and Metals Contamination

- Station 8+00 NB to 8+50 NB, from limits on LT to limits on RT

TRC estimates that 300 tons of soil would need to be disposed of at a landfill during underground utility work, and possibly another 800 tons under the Banta building would need to be excavated and hauled to a landfill.

Once demolition of the Former Banta Publishing Building and road construction has been completed additional groundwater monitoring will be needed to verify the stability of the dissolved phase groundwater contamination at the site.

Please feel free to contact me at 608-826-3608 if you have any question or would like to discuss in further detail.

Sincerely,

TRC Environmental Corporation

Dan Haak, P.E.
Project Manager

Ted O'Connell
Hydrogeologist

Attachments: Table 1 – Soil Analytical Results Summary
Table 2 – Groundwater Analytical Results Summary
Figure 1 – Boring Locations Map
Attachment 1 – Data Tables from Terracon
Attachment 2 – Soil Boring Logs
Attachment 3 – Photographic Log

cc: Shar TeBeest, WisDOT (pdf via email)

Table 1
Soil Sampling Results Summary
Former Banta Publishing/Racine Street Bridge
Menasha, Winnebago County, WI
TRC Project ID 313527.0000.0000, WisDOT Project ID 4992-03-00

ANALYTES[1]	SOIL RCL NR 726[4]				SOIL RL NR 66[5]	SOIL SAMPLE ID, DEPTH (feet bgs), SAMPLE DATE														
						GB1	GB1	GB2	GB2	GB3	GB3	GB4	GB4	GB5	GB5	GB11	GB12	GB12	GB13	GB14	GB14
	GROUNDWATER PATHWAY[3]	NON-INDUSTRIAL DIRECT CONTACT[3]	INDUSTRIAL DIRECT CONTACT[3]	SURFICIAL BACKGROUND THRESHOLD[5]	MAXIMUM CONCENTRATION OF CONTAMINANTS FOR THE TOXICITY CHARACTERSITC	2.5-5	5-7.5	5-7.5	7.5-10	2.5-5	5-7.5	3.5-5	5-7.5	5-7.5	9-10	1-3	6-7	9-11	10-11	1-2	10-11
						2/5/2019	2/5/2019	2/5/2019	2/5/2019	2/5/2019	2/5/2019	2/9/2019	2/9/2019	2/5/2019	2/5/2019	2/6/2019	2/6/2019	2/6/2019	2/6/2019	2/6/2019	2/6/2019
PID Readings	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	241	60.7	<1	<1	16.1	<1	<1	<1
Diesel Range Organics (mg/kg)	-	-	-	-	-	28.6	--	--	--	--	--	--	--	--	33.3	--	--	--	--	--	--
Gasoline Range Organics (mg/kg)	-	-	-	-	-	5.4 J	--	--	--	--	--	--	--	--	1910	--	--	--	--	--	--
VOCs (µg/kg)																					
1,2,4-Trimethylbenzene	1382.1[6]	219,000	219,000	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	<25.0	*19500*	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene		182,000	182,000	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	<25.0	*4910*	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Benzene	5.1	1,600	7,070	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	*1550*	**9180**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Chlorobenzene	-	370,000	193,000	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	531	<125	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Dibromomethane	-	34,000	143,000	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	<25.0	<125	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	1,570	8,020	35,400	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	141	**26300**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Isopropylbenzene (Cumene)	-	268,000	268,000	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	630	**4840**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Methyl-tert-butyl ether	27	63,800	282,000	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	<25.0	<125	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	658.2	5,520	24,100	-	-	83.1 J	<40.0	<40.0	<40.0	<40.0	<58.9	<40.0	<40.0	378	*1180 J*	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0
Toluene	1,107	818,000	818,000	-	-	78.8	<25.0	<25.0	<25.0	<25.0	42.5 J	<25.0	<25.0	<25.0	<125	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
n-Butylbenzene	-	108,000	108,000	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	328	2900	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
n-Propylbenzene	-	264,000	264,000	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	1120	9090	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
m&p-Xylene	3,960[9]	778,000[9]	778,000[9]	-	-	60.9 J	<50.0	<50.0	<50.0	<50.0	<73.5	<50.0	<50.0	<50.0	*10200*	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
o-Xylene		434,000	434,000	-	-	35.8 J	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	<25.0	<125	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Xylene (Total)		260,000	260,000	-	-	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene	-	162,000	162,000	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	<25.0	1440	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
sec-Butylbenzene	-	145,000	145,000	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	289	1860	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
trans-1,3-Dichloropropene	0.2	1,510,000	1,510,000	-	-	<25.0	<25.0	<25.0	<25.0	<25.0	<36.8	<25.0	<25.0	<25.0	<125	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1-Methylnaphthalene	-	17,600	72,700	-	-	160	<6.0	23.8 J	<4.4	<4.4	23.1	<5.4	<4.3	61.7	126	<5.0	<4.8	<5.0	<4.9	42.2	<4.7
2-Methylnaphthalene	-	239,000	3,010,000	-	-	217	<7.5	22.8 J	<5.5	<5.5	32.3	<6.7	<5.3	91.6	210	<6.2	<6.0	<6.2	<6.1	40.8	<5.9
PAHs (µg/kg)																					
Acenaphthene	-	3,590,000	45,200,000	-	-	14.7 J	<5.8	24.4 J	<4.3	<4.2	<4.3	<5.2	<4.1	<4.7	5.2 J	<4.8	<4.6	<4.8	<4.7	<4.3	<4.6
Acenaphthylene	-	-	-	-	-	116	<4.9	81.8	<3.6	<3.6	4.3 J	<4.4	<3.5	<4.0	<4.1	<4.1	<3.9	<4.1	<4.0	16.7	<3.9
Anthracene	196949	17,900,000	100,000,000	-	-	84.1	<8.5	24.6 J	<6.3	<6.2	<6.3	<7.6	<6.1	<6.9	<7.0	<7.1	<6.8	<7.0	<7.0	17.4 J	<6.7
Benzo(a)anthracene	-	1,140	20,800	-	-	522	22.3	33.5	3.8 J	<3.5	15.3	<4.2	<3.4	<3.8	4.2 J	<3.9	<3.8	<3.9	<3.9	64.3	<3.7
Benzo(a)pyrene	470	115	2,110	-	-	**575**	21.4	26.3	<2.8	<2.7	15.8	<3.4	<2.7	<3.0	<3.1	<3.1	<3.0	<3.1	<3.1	62.4	<3.0
Benzo(b)fluoranthene	479.3	1,150	21,100	-	-	*795*	32.7	34.8	<3.1	<3.1	26.1	<3.8	<3.0	<3.4	3.5 J	<3.5	<3.4	<3.5	<3.4	120	<3.3
Benzo(g,h,i)perylene	-	-	-	-	-	418	18.5	27.2	<2.2	<2.2	13.6	<2.7	<2.2	<2.4	<2.5	<2.5	<2.4	<2.5	<2.5	52.5	<2.4
Benzo(k)fluoranthene	-	11,500	211,000	-	-	284	12.4 J	14.1 J	<2.8	<2.7	8.9 J	<3.4	<2.7	<3.0	<3.1	<3.1	<3.0	<3.1	<3.1	38.7	<3.0
Chrysene	144.6	115,000	2,110,000	-	-	*627*	30.5	27.6 J	<3.7	<3.7	18.2	<4.5	<3.6	<4.1	<4.2	<4.2	<4.0	<4.1	<4.1	133	<4.0
Dibenz(a,h)anthracene	-	115	2,110	-	-	106	3.8 J	<5.6	<2.5	<2.4	3.2 J	<3.0	<2.4	<2.7	<2.8	<2.8	<2.7	<2.8	<2.7	14.1	<2.6
Fluoranthene	88,878	2,390,000	30,100,000	-	-	1160	62.5	95.5	<5.7	<5.7	25.6	<7.0	<5.6	<6.3	<6.4	<6.4	<6.2	<6.4	<6.4	158	<6.1
Fluorene	-	2,390,000	30,100,000	-	-	23.4 J	<6.2	19.3 J	<4.6	<4.5	<4.6	<5.5	<4.4	<5.0	<5.1	<5.1	<4.9	<5.1	<5.1	5.4 J	<4.9
Indeno(1,2,3-cd)pyrene	-	1,150	21,100	-	-	342	13.6	18.3 J	<2.4	<2.4	10.5	<2.9	<2.3	<2.7	<2.7	<2.7	<2.6	<2.7	<2.7	40.1	<2.6
Naphthalene	658	5,520	24,100	-	-	209	<12.6	385	<9.3	<9.2	35.5	<11.2	<9.0	137	292	<10.4	<10.0	22.2 J	<10.3	43.6	<9.9
Phenanthrene	-	-	-	-	-	593	30.0 J	129	<12.8	<12.7	26.5 J	<15.6	<12.4	<14.0	<14.4	<14.4	<13.9	<14.3	<14.2	129	<13.7
Pyrene	54545	1,790,000	22,600,000	-	-	1190	56.6	109	<5.0	<4.9	24.4	<6.0	<4.8	<5.4	<5.6	<5.6	<5.4	<5.6	<5.5	124	<5.3
Metals (mg/kg)																					
Arsenic	0.584	0.677	3	8	-	7.4 J	3.9 J	<2.5	4.3 J	6.6 J	5.6 J	4.1 J	5.7 J	2.8 J	3.8 J	6.5	3.0 J	4.1 J	2.8 J	**103**	3.3 J
Barium	164.8	15,300	100,000	364	-	36.5	95.8	105	23.9	9.6	46.8	181	15.7	133	128	153	106	128	70	125	97
Chromium	360,000	-	-	44	-	11	32.7	42.5	11.2	7.1	10.5	51.6	10.1	35	36.5	21.1	37.3	34.4	19.5	24.1	24.3
Lead	27	400	800	52	-	28.3	18.7	20.8	5.3	8.8	31	10.6	5	7.4	7	*183*	6.2	7.4	6.3	*190*	7.1
Selenium	0.52	391	5,840	-	-	*2.0 J*	<1.9	<3.2	<1.4	<1.4	<1.4	<1.7	<1.4	<1.5	<1.5	<1.6	<1.6	<1.6	<1.6	<27.0	<1.4
Silver	0.849	391	5,840	-	-		<0.49	<0.83	<0.37	<0.36	0.38 J	<0.45	<0.36	0.44 J	<0.39	<0.42	<0.41	0.46 J	<0.41	<7.1	<0.37
Mercury	0.208	3.13	3.13	-	-	*0.65*	0.023 J	0.096	<0.010	<0.010	0.088	0.014 J	<0.011	<0.012	<0.012	0.095	0.018 J	0.017 J	0.018 J	0.1	0.025 J
TCLP Metals (mg/L)																					
Arsenic	-	-	-	-	5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.042	--
Lead	-	-	-	-	5.0	--	--	--	--	--	--	--	--	--	--	<0.030	--	--	--	<0.030	--
HAZARD INDEX (CUMULATIVE[7])																					
NON-INDUSTRIAL		1.0	-	-	-	0.0815	0.0506	0.0100	0.0000	0.0000	0.0078	0.0009	0.0000	0.0204	0.1994	0.0081	0.0011	0.0023	0.0011	**3.4367**	0.0016
INDUSTRIAL		-	1.0	-	-	0.0131	0.0037	0.0021	0.0000	0.0000	0.0015	0.0002	0.0000	0.0036	0.0356	0.0014	0.0003	0.0003	0.0003	0.4540	0.0004
CANCER RISK (CUMULATIVE[7])																					
NON-INDUSTRIAL		1.00E-05	-	-	-	7.42E-06	2.79E-07	3.77E-07	0.00E+00	0.00E+00	2.58E-07	0.00E+00	0.00E+00	1.06E-06	9.24E-06	0.00E+00	0.00E+00	1.93E-08	0.00E+00	**1.53E-04**	0.00E+00
INDUSTRIAL		-	1.00E-05	-	-	4.09E-07	1.52E-08	3.30E-08	0.00E+00	0.00E+00	2.69E-08	0.00E+00	0.00E+00	2.40E-07	2.09E-06	0.00E+00	0.00E+00	1.05E-09	0.00E+00	3.44E-05	0.00E+00

Notes:

1. PID = Photoionization Detector
2. VOCs = Volatile organic compounds, analyzed using EPA Method 8260B
3. PAHs = Polycyclic aromatic hydrocarbons
4. µg/kg = micrograms per kilogram (ppb), mg/kg = milligrams per kilogram (ppm)
5. - = Standard not established.
6. -- = Not analyzed
7. Samples were collected by TRC and analyzed by Pace Analytical (Cert. #40182847)
8. J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
9. Results in **BOLD** indicate a detection (or potential detection if J-flagged) above the Non-Industrial or Industrial NR 720 RCL and the background threshold value
10. Results in *Italics* indicate a detection (or potential detection if J-flagged) above the Groundwater Pathway NR 720 RCL and the background threshold value.

Footnotes:

(1) Only analytes that were detected in at least one sample are shown in the table.
(2) Value is the generic RCL for the groundwater pathway.
(3) Value is the generic RCL for exposure by direct contact.
(4) Calculated from http://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search using default exposure assumptions listed in NR 720.12(3).
(5) Background threshold value (BTV) was taken from the Wisconsin DNR's NR 720 RCL spreadsheet.
(6) Regulatory Levels found at http://docs.legis.wisconsin.gov/code/admin_code/nr/600/661.pdf#page=14
(7) Calculated using WDNR RCL Spreadsheet Calculator (December 2018 Update) for most impacted sample at each site.
(8) Value is the standard for 1,2,4- and 1,3,5-trimethylbenzene combined.
(9) Value is the standard for total xylenes.

Prepared by: Tom Perkins 2/20/2019
Checked by : Chloe Olson 2/21/2019

Table 2
Groundwater Sampling Results Summary
Former Banta Publishing/Racine Street Bridge
Menasha, Winnebago County, WI
TRC Project ID 313527.0000.0000, WisDOT Project ID 4992-03-00

ANALYTES[1]	GROUNDWATER NR 140 STANDARDS[2]		GROUNDWATER SAMPLE ID, DEPTH TO WATER (ft bgs), SAMPLE DATE	
			GB2	GB5
	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	5.20	14.52
			2/6/2019	2/6/2019
Diesel Range Organics (mg/L)	-	-	0.42 DC	--
Gasoline Range Organics (µg/L)	-	-	110 J	2050 GO
VOCs (µg/L)				
Benzene	0.5	5	<0.25	**1340**
1,2-Dichoroethane	0.5	5	<0.28	**48.9**
cis-1,2-Dichloroethene	7	70	<0.27	*10.7*
Ethylbenzene	140	700	<0.22	*200*
Isopropylbenzene (Cumene)	-	-	<0.39	11.7 J
p-Isopropyltoluene	-	-	133	<8.0
n-Propylbenzene	-	-	<0.81	13.1 J
1,2,4-Trimethylbenzene	96[3]	480[3]	<0.84	25.7 J
m&p-Xylene	400[4]	2,000[4]	<0.47	50.5
Metals (µg/L)				
Arsenic, dissolved	1	10	*9.8 J*	--
Barium, dissolved	400	2,000	58.3	--
Cadmium, dissolved	0.5	5	*1.6 J*	--

Notes:

Prepared by: B. Wachholz 2/28/2019

Checked by: L. Auner 2/28/2019

1. VOCs = Volatile organic compounds
2. µg/L = micrograms per liter (ppb), mg/L = milligrams per liter (ppm)
3. ft bgs = feet below ground surface
4. - = Standard not established.
5. -- = Not analyzed
6. Samples were collected by TRC and analyzed by Pace Analytical (WI Cert. #405132750 & WI DATCP Cert. #105-444)
7. J = Estimated concentration above the limit of detection and below the limit of quantitation
8. DC = Chromatographic pattern inconsistent with typical Diesel Fuel
9. GO = Early and late peaks present outside the GRO window
10. Results in **BOLD** indicate a detection above the NR 140 Enforcement Standard
11. Results in *Italic*s indicate a detection (or potential detection if J-flagged) above the NR 140 Preventive Action Limit

Footnotes:

(1) Only analytes that were detected in at least one sample are shown in the table.

(2) WDNR Public Health Groundwater Quality Standards are found at https://docs.legis.wisconsin.gov/code/admin_code/nr/100/140.pdf.

(3) Value is the standard for 1,2,4- and 1,3,5-trimethylbenzene combined.

(4) Value is the standard for total xylenes.

LEGEND

- SOIL BORING (TRC, FEBRUARY 2019)
- PREVIOUS SOIL BORING (TERRACON, APRIL 2017)
- DESIGN LINEWORK

BORING/WELL ID (SAMPLE DEPTH FT. BGS)
CONTAMINANT OF CONCERN: RESULTS [UNITS]

RESULTS IN **BOLD** = NR 720 DIRECT CONTACT OR NR 140 ENFORCEMENT STANDARD EXCEEDANCE

RESULTS IN *ITALICS* = NR 720 GROUNDWATER PATHWAY RCL OR NR 140 PREVENTIVE ACTION LIMIT EXCEEDANCE

J = ESTIMATED CONCENTRATION ABOVE THE ADJUSTED METHOD DETECTION LIMIT AND BELOW THE ADJUSTED REPORTING LIMIT

NOTES

1. BASE MAP IMAGERY FROM NEARMAP, 3/26/2018.

0 120 240 Feet

1 " = 120 '
1:1,440

PROJECT: **WISDOT ID#: 4992-03-00**
FORMER BANTA PUBLISHING/
RACINE STREET BRIDGE (B-70-324)
MENASHA, WISCONSIN

TITLE: **SITE MAP/BORING LOCATIONS**

DRAWN BY:	S. MAJOR	PROJ.NO.:	313527
CHECKED BY:	B. WACHHOLZ		
APPROVED BY:	D.HAAK		**FIGURE 1**
DATE:	MARCH 2019		

TRC
708 Heartland Trail, Suite 3000
Madison, WI 53717
Phone: 608.826.3600
www.trcsolutions.com

FILE NO.: 313527-007.mxd

Plot Date: 3/11/2019, 13:22:28 PM by SMAJOR -- LAYOUT: ANSI B (11"x17")
Path: E:\WI_DOT\2018_313527_B-70-324\313527-007.mxd

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS

Attachment 1

Data Tables from Terracon

Table 1
Groundwater Elevation Summary Table

LSC Communications
460 & 477 Ahnaip Street
Menasaha, Wisconsin
Terracon Project No. 58167142

Measured Location	Date	Top of Riser Pipe Elevation	Depth (from Top of Riser Pipe) to Groundwater	Water Table Elevation	Screened Interval		
MW-1	5/9/2017	746.80	6.43	740.37	742.8	to	732.8
MW-2	5/9/2017	743.59	3.98	739.61	738.6	to	728.6
MW-3	5/9/2017	747.59	7.74	739.85	742.6	to	732.6
MW-4	5/9/2017	747.92	6.07	741.85	744.9	to	734.9
MW-5	5/9/2017	750.00	10.55	739.45	745.0	to	735.0
MW-6	5/9/2017	747.51	8.50	739.01	742.5	to	732.5
MW-7	5/9/2017	747.53	6.64	740.89	744.5	to	737.5
MW-8	5/9/2017	747.17	6.42	740.75	741.2	to	731.2
MW-9	5/9/2017	747.11	8.44	738.67	741.1	to	731.1
MW-10	5/9/2017	751.46	12.90	738.56	746.5	to	731.5
MW-11	5/9/2017	750.08	11.55	738.53	745.1	to	730.1

Monitoring well top of riser elevations were surveyed to manhole rim near MW-7 (North painted edge).
Reference Benchmark Elevation = 750.00 feet Mean Sea Level

Table 2
Soil Analytical Test Results Summary for VOCs
Detected Compounds Only
LSC Communications
460 & 477 Ahnaip Street
Menasha, Wisconsin
Terracon Project No. 58167211

Boring ID	Sample Depth (feet)	Matrix (Fill or Native Soil)	Saturated / Unsaturated	Sample Date	PID (ppmv)	VOCs														
						Benzene	n-Butylbenzene	sec-Butylbenzene	Chlorobenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	m&p-Xylene	o-Xylene
P-1	2	Fill	Unsaturated	4/26/2017	2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-1	6	Fill	Unsaturated	4/26/2017	<1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-2	1	Fill	Unsaturated	4/26/2017	3	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	75.5	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-3	1	Native	Unsaturated	4/26/2017	1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-3	7	Native	Unsaturated	4/26/2017	1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-4	3	Fill	Unsaturated	4/26/2017	2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-4	10	Native	Unsaturated	4/26/2017	4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-5	2	Native	Unsaturated	4/26/2017	1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-5	15	Native	Unsaturated	4/26/2017	10	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-6	2	Fill	Unsaturated	4/26/2017	3	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-6	7	Native	Unsaturated	4/26/2017	2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-7	3	Native	Unsaturated	4/25/2017	6	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-7	6	Native	Unsaturated	4/25/2017	3	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-8	1	Fill	Unsaturated	4/25/2017	1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	89.0	<25.0	<25.0	73.0	32.2	61.4	49.3
P-8	8	Native	Unsaturated	4/25/2017	1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-9	2	Fill	Unsaturated	4/25/2017	8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	159	<25.0	*159*	48.5	<25.0	<50.0	<25.0
P-9	7	Native	Unsaturated	4/25/2017	1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
P-11	3	Native	Unsaturated	4/27/2017	781	*1,120*	3,590	2,420	<100	***27,800***	4,850	523	*499*	*2,040*	9,770	<25.0	<25.0	<25.0	<50.0	<25.0
P-11	8	Native	Unsaturated	4/27/2017	7	*41.5*	108	114	208	<25.0	142	<25.0	*44.5*	<40.0	303	<25.0	<25.0	<25.0	<50.0	<25.0
Direct Contact Non-Industrial RCL[1]						**1,600**	**108,000**	**145,000**	**370,000**	**8,020**	**268,000**	**162,000**	**61,800**	**5,520**	**264,000**	**33,000**	**818,000**	**219,000**	**260,000**	
Direct Contact Industrial RCL[2]						7,070	108,000	145,000	761,000	35,400	268,000	162,000	1,150,000	24,100	264,000	145,000	818,000	219,000	260,000	
Soil to Groundwater Pathway RCL[3]						*5.1*	–	--	--	*1,570*	--	–	*2.6*	*658.2*	--	*4.5*	*1,107.2*	*1,382.1*	*3,960*	

Notes:
VOCs = Volatile Organic Compounds
PID = Photoionization Detector
ppmv = parts per million by volume
µg/kg = micrograms per kilogram

[1] Non-Industrial Residual Contaminant Levels (RCLs) for Direct Contact per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (with WDNR spreadsheet input parameters updated March 2017).

[2] Industrial Residual Contaminant Levels (RCLs) for Direct Contact per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (with WDNR spreadsheet input parameters updated March 2017).

[3] Protection of Groundwater RCLs per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (with WDNR spreadsheet input parameters updated March 2017).

XX.XX	Bold and brown = Exceeds Non-Industrial Direct Contact RCL
XX.XX	Underlined and Pink = Exceeds Industrial Direct Contact RCL
XX.XX	Italicized and blue = Exceeds Soil to Groundwater Pathway RCL
–	Dashed lines = No established standard or not sampled

Table 3
Soil Analytical Test Results Summary for PAHs, DRO and Lead

LSC Communications
460 & 477 Ahnaip Street
Menasha, Wisconsin
Terracon Project No. 58167211

Sample ID	Sample Depth (feet)	Matrix (Fill or Native Soil)	Saturated or Unsaturated	Sample Date	PID (ppmv)	PAH (ug/kg)																		Lead (mg/kg)	DRO (mg/kg)
						Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene		
P-1	2	Fill	Unsaturated	4/26/2017	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	23.1	1.1
P-1	6	Fill	Unsaturated	4/26/2017	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24.9	16.8
P-2	1	Fill	Unsaturated	4/26/2017	3	<21.0	90.1	84.5	274	**354**	*490*	238	209	*422*	68.5	963	59.0	194	48.5	53.5	91.4	1,010	698	78.4	281
P-3	1	Native	Unsaturated	4/26/2017	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	*32.2*	15.1
P-3	7	Native	Unsaturated	4/26/2017	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	23.8	14.0
P-4	3	Fill	Unsaturated	4/26/2017	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**438**	35.0
P-4	10	Native	Unsaturated	4/26/2017	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.8	1.2
P-5	2	Native	Unsaturated	4/26/2017	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.6	3.4
P-5	15	Native	Unsaturated	4/26/2017	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.2	8.1
P-6	2	Fill	Unsaturated	4/26/2017	3	--	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	--	--	5.9	8.5
P-6	7	Native	Unsaturated	4/26/2017	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	15.7	3.4
P-7	3	Native	Unsaturated	4/25/2017	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26.4	5.6
P-7	6	Native	Unsaturated	4/25/2017	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10.7	<0.88
P-8	1	Fill	Unsaturated	4/25/2017	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	35.0	72.2
P-8	8	Native	Unsaturated	4/25/2017	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.1	1.7
P-9	2	Fill	Unsaturated	4/25/2017	8	78.1	329	365	840	**1,630**	**1,800**	1,580	550	*906*	**265**	2,030	112	**1,150**	96.9	133	221	1,050	2,040	36.6	139
P-9	7	Native	Unsaturated	4/25/2017	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.8	1.5
P-11	3	Native	Unsaturated	4/27/2017	781	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-11	8	Native	Unsaturated	4/27/2017	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Direct Contact Non-Industrial RCL[1]						**3,590,000**	**--**	**17,900,000**	**1,140**	**115**	**1,150**	**--**	**11,500**	**115,000**	**115**	**2,390,000**	**2,390,000**	**1,150**	**17,600**	**239,000**	**5,520**	**--**	**1,790,000**	**400**	**--**
Direct Contact Industrial RCL[2]						45,200,000	--	100,000,000	20,800	2,110	21,100	--	211,000	2,110,000	2,110	30,100,000	30,100,000	21,100	72,700	3,010,000	24,100	--	22,600,000	800	--
Soil to Groundwater Pathway RCL[3]						--	--	*196,949.2*	--	*470*	*479.3*	--	--	*144.6*	--	*88,877.8*	*14,829.9*	--	--	--	*658.2*	--	*54,545.5*	*27*	--
Statewide Background Threshold Value [4]						--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	52	--

Notes:
PID=Photoionization Detector
PAH=Polycyclic Aromatic Hydrocarbons
DRO=Diesel Range Organics
ppmv = parts per million by volume
Results expressed in micrograms per kilogram (ug/kg)
DRO and Lead results expressed in milligrams per kilogram (mg/kg)

[1] Non-Industrial Residual Contaminant Levels (RCLs) for Direct Contact per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (with WDNR spreadsheet input parameters updated March 2017).

[2] Industrial Residual Contaminant Levels (RCLs) for Direct Contact per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (with WDNR spreadsheet input parameters updated March 2017).

[3] Protection of Groundwater RCLs per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (with WDNR spreadsheet input parameters updated March 2017).

[4] Wisconsin Department of Natural Resources Statewide Background Threshold Value, July 2015

XX.XX	Bold and brown = Exceeds Non-Industrial Direct Contact RCL
XX.XX	Underlined and pink = Exceeds Industrial Direct Contact RCL
XX.XX	Italicized and blue = Exceeds Soil to Groundwater Pathway RCL
--	Dashed lines = No established standard or not sampled

Table 4
Groundwater Analytical Test Results Summary for VOCs, PAHs, and Metals
Detected Compounds Only

LSC Communications
460 & 477 Ahnaip Street
Menasha, Wisconsin
Terracon Project No. 58167211

		VOC				Metal					PAH											
Sample ID	Sample Date	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	Arsenic	Barium	Chromium	Lead	Selenium	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Fluoranthene	Fluorene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
MW-1	5/9/2017	<0.26	<0.24	<0.17	<0.50	**12.6**	99.2	<2.5	<4.3	<5.6	<0.0058	<0.0048	<0.010	<0.0073	<0.0055	<0.010	<0.0077	0.0067	0.010	<0.018	<0.013	<0.0074
MW-2	5/9/2017	<0.26	<0.24	<0.17	<0.50	5.8	158	<2.5	<4.3	<5.6	0.081	0.0063	<0.0098	<0.0071	<0.0054	0.023	<0.0074	0.010	0.015	0.022	0.57	0.014
MW-3	5/9/2017	<0.26	<0.24	<0.17	<0.50	<5.4	92.3	<2.5	<4.3	<5.6	<0.0058	<0.0047	<0.010	<0.0072	<0.0055	<0.010	<0.0076	0.011	0.013	0.020	<0.013	<0.0073
MW-4	5/9/2017	<0.26	<0.24	<0.17	<0.50	<5.4	79.1	<2.5	<4.3	<5.6	<0.0058	<0.0047	<0.010	<0.0072	<0.0055	<0.010	<0.0076	0.011	0.015	<0.017	<0.013	<0.0073
MW-5	5/9/2017	<0.26	<0.24	<0.17	<0.50	9.5	159	<2.5	<4.3	<5.6	<0.0058	<0.0048	<0.010	<0.0073	0.0063	0.015	0.0080	<0.0057	0.0091	<0.018	0.014	0.0092
MW-6	5/10/2017	<0.26	<0.24	<0.17	<0.50	6.1	43.2	<2.5	<4.3	7.1	<0.0058	<0.0048	<0.010	<0.0073	<0.0055	<0.010	<0.0077	0.010	0.013	<0.018	<0.013	<0.0074
MW-7	5/9/2017	<0.26	<0.24	<0.17	<0.50	<5.4	16.3	2.5	<4.3	<5.6	<0.0057	<0.0047	<0.0099	<0.0071	<0.0054	<0.010	<0.0075	0.0092	0.0090	<0.017	<0.013	<0.0072
MW-8	5/9/2017	<0.26	<0.24	<0.17	<0.50	<5.4	74.3	<2.5	<4.3	<5.6	<0.0057	<0.0047	<0.0099	<0.0071	<0.0054	<0.010	<0.0075	0.0073	0.013	<0.017	<0.013	<0.0072
MW-9	5/9/2017	1.1	<0.24	<0.17	<0.50	<5.4	88.0	<2.5	<4.3	<5.6	3.5	0.18	0.27	0.011	<0.0055	0.25	0.34	0.011	<0.0047	<0.018	0.021	0.27
MW-10	5/9/2017	<0.26	<0.24	<0.17	<0.50	6.8	232	<2.5	<4.3	<5.6	<0.0061	<0.0050	<0.010	<0.0076	0.0084	<0.011	<0.0080	0.014	0.014	0.035	<0.014	0.0098
MW-11	5/9/2017	0.26	0.34	1.3	0.64	<5.4	171	<2.5	<4.3	<5.6	<0.0059	<0.0048	<0.010	<0.0073.	<0.0056	<0.010	<0.0077	0.0081	0.005	<0.018	<0.013	<0.0074
NR 140 WAC, PAL[1]		7.0	85	0.5	20	1	400	10	1.5	10	--	--	600	--	0.02	80	80	--	--	10	--	50
NR 140 WAC, ES[2]		**70**	**850**	**5**	**100**	**10**	**2,000**	**100**	**15**	**50**	**--**	**--**	**3,000**	**--**	**0.2**	**400**	**400**	**--**	**--**	**100**	**--**	**250**

Notes:
VOC = Volatile Organic Compounds
PAH = Polycyclic Aromatic Hydrocarbons
Results expressed in micrograms per liter (ug/L)
[1]NR 140, Wisconsin Administrative Code, (WAC) Preventive Action Limit (PAL), Register, July 2015
[2]NR 140, WAC, Enforcement Standard (ES), Register, July 2015
XX.XX Exceeds NR 140 PAL
XX.XX Exceeds NR 140 ES
-- No Standard Established, not reported, or not sampled

Attachment 2

Soil Boring Logs

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/5/2019	2/5/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 805,394 N, 2,376,189 E S / C / N
NE 1/4 of NE 1/4 of Section 22, T 20 N, R 17 E
Lat 44° 11' 57.281" Long 88° 26' 43.586"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	60 / 40		0	Asphalt										
				SILTY GRAVEL (GM), light gray, moist (fill).	GM			<1						
			2	**SILTY SAND (SM)** with cinders (foundry sand or CCR), dark gray, moist (fill).	SM			<1						Soil sampled from 2.5-5 ft. bgs.
			4	**LEAN CLAY (CL)**, dark brown, moist.					2.25					
2 GP	60 / 48		6		CL			<1						Soil sampled from 5-7.5 ft. bgs.
			8	**LEAN CLAY WITH GRAVEL (CL)**, red/brown, wet.	CL		▼	<1	>4.5					
			10	End of borehole at 10 ft. bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel:
Stephen Dellwood	TRC Environmental Corp 708 Heartland Trail Madison, WI 53717	(608) 826-3600 Fax:

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/5/2019	2/5/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 805,577 N, 2,376,175 E S/C/N
NE 1/4 of NE 1/4 of Section 22, T 20 N, R 17 E
Lat 44° 11' 59.088" Long 88° 26' 43.721"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	60 / 50		0	**SILT (ML)**, brown, moist, fill.	ML			<1						
			2	**LEAN CLAY WITH GRAVEL (CL)**, reddish brown (2.5YR 4/4), moist (fill).	CL			<1	>4.5					
			4											
2 GP	60 / 46		6	**FOUNDRY SAND/CCR (SM)** and wood, moist, (fill).	SM		▼	<1						Soil sampled from 5-7.5 ft. bgs.
			8	**LEAN CLAY WITH GRAVEL (CL)**, very dark gray (5Y 3/1), moist.	CL			<1	2.25					Soil sampled from 7.5-10 ft. bgs.
			10	**SILTY SAND WITH GRAVEL (SM)**, brown (7.5YR 4/2), moist.	SM									
				End of borehole at 10 ft. bgs. Set 5 ft. PVC screen temporary monitoring well.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel: (608) 826-3600
Stephen Sellwood	TRC Environmental Corp 708 Heartland Trail Madison, WI 53717	Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/5/2019	2/5/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 805,172 N, 2,376,273 E S/C/N
NE 1/4 of NE 1/4 of Section 22, T 20 N, R 17 E
Lat 44° 11' 55.081"
Long 88° 26' 42.491"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	60 28		0 2 4	**SILT (ML)**, brown, moist.	ML			<1						
				SILTY SAND WITH GRAVEL (SM), yellowish brown (10YR 5/4), moist.	SM			<1						Soil sampled from 2.5-5 ft. bgs.
2 GP	60 45		6 8	**LEAN CLAY WITH SAND AND GRAVEL (CL)**, few large (>1 cm) clasts of dolostone, brown (7.5YR 4/2), moist.	CL			<1 <1	>4.5					Soil sampled from 5-7.5 ft. bgs.
			10	**SILTY SAND WITH GRAVEL (SM)**, yellowish brown, moist.	SM									
				End of borehole at 10 ft. bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [signature] Firm TRC Environmental Corp
708 Heartland Trail Madison, WI 53717
Tel: (608) 826-3600
Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/5/2019	2/5/2019	Geoprobe

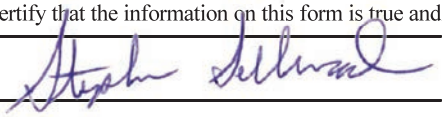
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 805,027 N, 2,376,242 E S / C / N
NE 1/4 of NE 1/4 of Section 22, T 20 N, R 17 E
Lat 44° 11' 53.655"
Long 88° 26' 42.949"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	60 / 25		0	**CONCRETE**				<1						
				SILTY GRAVEL (GM), gray, moist (fill).	GM									
			2	**SILTY SAND WITH GRAVEL (SM)**, dark yellowish brown (10YR 4/4), moist.	SM			<1						
			4	**LEAN CLAY WITH TRACE GRAVEL (CL)**, weak red (10R 4/4), moist.	CL				4.0					Soil sampled from 3.5-5 ft. bgs.
2 GP	48 / 32		6					<1						Soil sampled from 5-7.5 ft. bgs.
				SILTY SAND WITH GRAVEL (SM), yellowish brown (10YR 5/4), moist.	SM									
			8					1.2						
				End of borehole at 9 ft. bgs. (Refusal)										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm TRC Environmental Corp
708 Heartland Trail Madison, WI 53717
Tel: (608) 826-3600
Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/5/2019	2/5/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 804,943 N, 2,376,153 E S/C/N
NE 1/4 of NE 1/4 of Section 22, T 20 N, R 17 E
Lat 44° 11' 52.838"
Long 88° 26' 44.193"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	60 52		0	**SILT (ML)**, brown, moist.	ML			1.8						
			2	**SILTY SAND WITH GRAVEL (SM)**, moist.	SM			812.5	>4.5					
			4	**LEAN CLAY WITH GRAVEL (CL)**, weak red (10R 4/3), moist.	CL									
2 GP	60 58		6					241	>4.5					Soil sampled from 5-7.5 ft. bgs.
			8					60.7	>4.5					
3 GP	60 50		10	As above, wet.	CL		▼	61.5	>4.5					Petroleum odor. Soil sampled from 9-10 ft. bgs.
			12					37.3	>4.5					
			14	End of borehole at 15 ft. bgs. Set 5 ft. temporary monitoring well.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel: (608) 826-3600
Stephen Gilbertson	TRC Environmental Corp 708 Heartland Trail Madison, WI 53717	Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/5/2019	2/5/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 806,430 N, 2,376,058 E S/C/N
SE 1/4 of SE 1/4 of Section 15, T 20 N, R 17 E
Lat 44° 12' 7.533" Long 88° 26' 45.113"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	60 45		0	**ASPHALT**				2.5						Soil sampled from 0-2.5 ft. bgs.
				SILTY SANDY GRAVEL (GM) with foundry sand/CCR, moist (fill).	GM									
			2	**LEAN CLAY WITH GRAVEL (CL)**, weak red (10R 4/3), moist.				<1	>4.5					
			4											
2 GP	60 53		6		CL			<1	>4.5					Soil sampled from 5-7.5 ft. bgs.
			8					<1	>4.5					
			10	End of borehole at 10 ft. bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [signature] Firm TRC Environmental Corp
708 Heartland Trail Madison, WI 53717
Tel: (608) 826-3600
Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/5/2019	2/5/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 806,441 N, 2,376,020 E S/C/N
SE 1/4 of SE 1/4 of Section 15, T 20 N, R 17 E
Lat 44° 12' 7.654" Long 88° 26' 45.636"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	60 48		0	**LANDSCAPING MULCH**				<1						
				SILTY GRAVEL (GM), moist (fill).	GM									
			2	**LEAN CLAY (CL)** with cinders, weak red (10R 4/3), moist (fill).	CL			1.7	3.5					Soil sampled from 2-4 ft. bgs.
			4	**LEAN CLAY WITH GRAVEL (CL)**, weak red (10R 4/2), moist.										
2 GP	60 60		6		CL			77	>4.5					
			8					466	>4.5					Petroleum odor. Soil sampled from 8-10 ft. bgs.
			10	End of borehole at 10 ft. bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [signature] Firm TRC Environmental Corp
708 Heartland Trail Madison, WI 53717
Tel: (608) 826-3600
Fax:

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/5/2019	2/5/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 806,558 N, 2,376,003 E S / C / N
SE 1/4 of SE 1/4 of Section 15, T 20 N, R 17 E
Lat 44° 12' 8.808" Long 88° 26' 45.833"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	60 56		0	**CONCRETE**				2.2						Soil sampled from 0-2 ft. bgs.
				SILTY SAND WITH GRAVEL (GM), moist (fill).	GM									
				LEAN CLAY WITH GRAVEL (CL), weak red, moist.										
			2	Trace cinders at 2 ft. bgs.				<1	>4.5					
			4											
2 GP	60 60		6		CL			<1	>4.5					
			8					1.1	>4.5					Soil sampled from 8-10 ft. bgs.
			10	End of borehole at 10 ft. bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [signature] Firm TRC Environmental Corp
708 Heartland Trail Madison, WI 53717
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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/5/2019	2/5/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 806,660 N, 2,376,005 E S / C / N
SE 1/4 of SE 1/4 of Section 15, T 20 N, R 17 E
Lat 44° 12' 9.821" Long 88° 26' 45.782"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	60 / 35		0	**CONCRETE**				<1						
				SILTY SAND WITH GRAVEL (SM), moist (fill).	SM									
			2	**LEAN CLAY (CL)**, weak red (10R 4/3), moist (fill).	CL				>4.5					
				SILTY SAND (SM) with cinders, moist (fill).	SM			<1						Soil sampled from 2.5-5 ft. bgs.
			4	**LEAN CLAY WITH GRAVEL (CL)** weak red (10R 4/2), moist.					2					
2 GP	60 / 48							497	2					Petroleum odor.
			6		CL									
			8	Large dolostone clast at 8 ft. bgs.				377	>4.5					Petroleum odor. Soil sampled from 8-10 ft. bgs.
			10	End of borehole at 10 ft. bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Stephen Sellwood Firm TRC Environmental Corp
708 Heartland Trail Madison, WI 53717
Tel: (608) 826-3600
Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB10

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/5/2019	2/5/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 806,616 N, 2,375,945 E S/C/N
SE 1/4 of SE 1/4 of Section 15, T 20 N, R 17 E
Lat 44° 12' 9.394" Long 88° 26' 46.619"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	60 55		0	**BROKEN CONCRETE AND ASPHALT**				<1	>4.5					
				LEAN CLAY WITH GRAVEL (CL), reddish brown (2.5 YR 4/3), moist.										
			2					<1	>4.5					Soil sampled from 2-4 ft. bgs.
			4											
2 GP	60 60				CL			<1	>4.5					
			6											
			8					<1	>4.5					Soil sampled from 6-7 ft. bgs.
			10	End of borehole at 10 ft. bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel: (608) 826-3600
Stephen Schlueter	TRC Environmental Corp 708 Heartland Trail Madison, WI 53717	Fax:

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB11

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/6/2019	2/6/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 805,006 N, 2,376,191 E S/C/N
NE 1/4 of NE 1/4 of Section 22, T 20 N, R 17 E
Lat 44° 11' 53.454"
Long 88° 26' 43.652"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	48 36		2	**CONCRETE** **LEAN CLAY WITH SAND AND GRAVEL (CL)**, brown to red, moist.	CL			<1 <1						Soil sampled from 1-3 ft. bgs.
			4	End of borehole at 4 ft. bgs. (Refusal).										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [signature] Firm TRC Environmental Corp
708 Heartland Trail Madison, WI 53717
Tel: (608) 826-3600
Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB12

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/6/2019	2/6/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 804,940 N, 2,376,108 E S/C/N
NE 1/4 of NE 1/4 of Section 22, T 20 N, R 17 E
Lat 44° 11' 52.813" Long 88° 26' 44.816"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	48 / 38		0	**CONCRETE**				1.0						
				LEAN CLAY (CL), brown/mottled, moist.	CL									
			2	**LEAN CLAY WITH GRAVEL (CL)**, reddish brown (2.5YR 4/3), moist.				<1	4					
2 GP	48 / 48		4					<1	>4.5					
			6		CL			259	>4.5					Soil sampled from 6-7 ft. bgs.
3 GP	36 / 33		8					16.1	>4.5					Soil sampled from 9-11 ft. bgs.
			10											
				End of borehole at 11 ft. bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Stephen Sellwood Firm TRC Environmental Corp
708 Heartland Trail Madison, WI 53717
Tel: (608) 826-3600
Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB13

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/6/2019	2/6/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 804,899 N, 2,375,996 E S/C/N
NE 1/4 of NE 1/4 of Section 22, T 20 N, R 17 E
Lat 44° 11' 52.436" Long 88° 26' 46.36"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	48 46		0	**CONCRETE**				<1						
				LEAN CLAY (CL), brown, moist.	CL									
			2	**LEAN CLAY WITH GRAVEL (CL)**, reddish brown (2.5YR 4/4), moist.				<1	4					
2 GP	48 48		4					<1	>4.5					
			6		CL			<1	>4.5					
3 GP	48 48		8					<1	4					
			10	As above, moist to wet.			▼	<1	3					Soil sampled from 10-11 ft. bgs.
			12	End of borehole at 12 ft. bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Stephen Schlueter Firm TRC Environmental Corp
708 Heartland Trail Madison, WI 53717
Tel: (608) 826-3600
Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Banta Publishing/Racine Street Bridge Phase 2.5		GB14

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	2/6/2019	2/6/2019	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane 805,050 N, 2,376,143 E S/C/N
NE 1/4 of NE 1/4 of Section 22, T 20 N, R 17 E
Lat 44° 11' 53.891" Long 88° 26' 44.305"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Winnebago	71	Menasha

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	48 24		0	**CONCRETE**										
				SILTY SAND (SM) with cinders, moist (fill).	SM									
			2	**LEAN CLAY WITH GRAVEL (CL)**, reddish brown (2.5YR 4/3), moist.					3.5					Soil sampled from 1-2 ft. bgs.
2 GP	48 48		4					<1	>4.5					
			6		CL			<1	>4.5					
3 GP	48 46		8					<1	>4.5					
			10					<1	4					Soil sampled from 10-11 ft. bgs.
			12	End of borehole at 12 ft. bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Stephen Sellwood Firm TRC Environmental Corp
708 Heartland Trail Madison, WI 53717
Tel: (608) 826-3600
Fax:

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State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions) N / W — Format Code: ☐ DD ☐ DDM — Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
NE	NE	22	20 N	17 ☒ E ☐ W

or Gov't Lot #

Well Street Address: Ahnaip St. and Racine St.

Well City, Village or Town	Well ZIP Code
Menasha	54952

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil boring	

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5

Facility ID (FID or PWS):

License/Permit/Monitoring #: WisDOT # 4992-03-00

Original Well Owner: WisDOT

Present Well Owner: Same

Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner	State	ZIP Code
Madison	WI	53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-5-2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
NA	10

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	8

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
asphalt cold patch	Surface	0.25	0.01 ft³	
bentonite chips	0.25	10	0.2 ft³	

6. Comments

GBI

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-5-2019

Street or Route	Telephone Number
708 Heartland Trail Suite 3000	(608) 826-3600

City	State	ZIP Code
Madison	WI	53717

Signature of Person Doing Work: Steve Sellwood — Date Signed: 2-7-2019

DNR Use Only
Date Received | Noted By
Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions) N / W — Format Code: ☐ DD ☐ DDM — Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
NE	NE	22	20 N	17 ☒ E ☐ W	

Well Street Address: Ahnaip St. and Racine St.

Well City, Village or Town	Well ZIP Code
Menasha	54952

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil borrow	

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5

Facility ID (FID or PWS):

License/Permit/Monitoring #: WisDOT # 4992-03-00

Original Well Owner: WisDOT

Present Well Owner: Same

Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner	State	ZIP Code
Madison	WI	53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-5-2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
NA	10

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	5.2

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☒ Yes	☐ No	☐ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
bentonite chips	Surface	10	@ .2 Ft³	

6. Comments

GB2

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-6-2019

Street or Route	Telephone Number
708 Heartland Trail Suite 3000	(608) 826-3600

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Madison	WI	53717	Stephen Sellwood	2-7-2019

DNR Use Only
Date Received | Noted By
Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions) ____ N ____ W | Format Code: ☐ DD ☐ DDM | Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼ or Gov't Lot #	¼	Section	Township	Range
NE	NE	20	20 N	17 ☒ E ☐ W

Well Street Address: Ahnaip St. and Racine St.

Well City, Village or Town: Menasha | Well ZIP Code: 54952

Subdivision Name: | Lot #:

Reason for Removal from Service: Soil boring | WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5

Facility ID (FID or PWS):

License/Permit/Monitoring #: WisDOT # 4992-03-00

Original Well Owner: WisDOT

Present Well Owner: Same

Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner: Madison | State: WI | ZIP Code: 53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-5-2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
NA	10

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? | Depth to Water (feet): >10

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.25	0.01 ft³	
bentonite chips	0.25	10	0.2 ft³	

6. Comments

GB3

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-5-2019

Street or Route: 708 Heartland Trail Suite 3000 | Telephone Number: (608) 826-3600

City: Madison | State: WI | ZIP Code: 53717

Signature of Person Doing Work: Steve Sellwood | Date Signed: 2-8-2019

DNR Use Only
Date Received | Noted By
Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago	_ _ _ _ _ _	

Latitude / Longitude (see instructions) _____ N _____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼ or Gov't Lot #	¼	Section	Township	Range
NE	NE	22	20 N	17 ☒ E ☐ W

Well Street Address: Ahnaip St. and Racine St.

Well City, Village or Town	Well ZIP Code
Menasha	54952

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil boring	_ _ _ _ _ _

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5
Facility ID (FID or PWS):
License/Permit/Monitoring #: WisDOT # 4992-03-00
Original Well Owner: WisDOT
Present Well Owner: Same
Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner	State	ZIP Code
Madison	WI	53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-5-2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug ☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
9	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
NA	9

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	>9

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.25	0.01 ft³	
bentonite chips	0.25	10	0.2 ft³	

6. Comments

GB4

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-5-2019

Street or Route	Telephone Number
708 Heartland Trail Suite 3000	(608) 826-3600

City	State	ZIP Code
Madison	WI	53717

Signature of Person Doing Work	Date Signed
Stephen Sellwood	2-8-2019

DNR Use Only
Date Received | Noted By
Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions) N / W — Format Code: ☐ DD ☐ DDM — Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
NE	NE	22	20 N	17 ☒ E ☐ W	

Well Street Address: Ahnaip St. and Racine St.

Well City, Village or Town	Well ZIP Code
Menasha	54952

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil boring	

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5

Facility ID (FID or PWS):

License/Permit/Monitoring #: WisDOT # 4992-03-00

Original Well Owner: WisDOT

Present Well Owner: Same

Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner	State	ZIP Code
Madison	WI	53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-5-2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug ☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
15	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
NA	15

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	14.5

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☒ Yes	☐ No	☐ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
bentonite chips	Surface	15	0.3 ft³	

6. Comments

GB5

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-6-2019

Street or Route	Telephone Number
708 Heartland Trail Suite 3000	(608) 826-3600

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Madison	WI	53717	Steve Sellwood	2-8-2019

DNR Use Only
Date Received | Noted By
Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions) ____ N ____ W | Format Code: ☐ DD ☐ DDM | Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼ SE	¼ SE	Section	Township	Range
or Gov't Lot #		15	20 N	17 ☒ E ☐ W

Well Street Address: N side of Broad St, E of Racine St.

Well City, Village or Town: Menasha | Well ZIP Code: 54952

Subdivision Name: | Lot #:

Reason for Removal from Service: Soil boring | WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5

Facility ID (FID or PWS):

License/Permit/Monitoring #: WisDOT # 4992-03-00

Original Well Owner: WisDOT

Present Well Owner: Same

Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner: Madison | State: WI | ZIP Code: 53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-5-2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
NA	10

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	>10

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.25	0.01 ft³	
bentonite chips	0.25	10	0.2 ft³	

6. Comments

GB6

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-5-2019

Street or Route: 708 Heartland Trail Suite 3000 | Telephone Number: (608) 826-3600

City: Madison | State: WI | ZIP Code: 53717

Signature of Person Doing Work: Steph Sellwood | Date Signed: 2-8-2019

DNR Use Only
Date Received | Noted By
Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions) ____ N ____ W — Format Code: ☐ DD ☐ DDM — Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
SE	SE	15	20 N	17 ☒ E ☐ W	

Well Street Address: NE corner of Broad St. & Racine St.

Well City, Village or Town	Well ZIP Code
Menasha	54952

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil boring	

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5

Facility ID (FID or PWS):

License/Permit/Monitoring #: WisDOT # 4992-03-00

Original Well Owner: WisDOT

Present Well Owner: Same

Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner	State	ZIP Code
Madison	WI	53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-5-2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug ☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
NA	10

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	> 10

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
bentonite chips	Surface	10	0.2 ft³	

6. Comments

GB7

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-5-2019

Street or Route	Telephone Number
708 Heartland Trail Suite 3000	(608) 826-3600

City	State	ZIP Code
Madison	WI	53717

Signature of Person Doing Work: Stephen Sellwood — Date Signed: 2-8-2019

DNR Use Only
Date Received: ____ Noted By: ____
Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions) ____ N ____ W | Format Code: ☐ DD ☐ DDM | Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	SE	15	20 N	17 ☒ E ☐ W

or Gov't Lot #

Well Street Address: 87 Racine St.

Well City, Village or Town: Menasha | Well ZIP Code: 54952

Subdivision Name: | Lot #:

Reason for Removal from Service: Soil boring | WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5

Facility ID (FID or PWS):

License/Permit/Monitoring #: WisDOT # 4992-03-00

Original Well Owner: WisDOT

Present Well Owner: Same

Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner: Madison | State: WI | ZIP Code: 53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-5-2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
NA	10

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? | Depth to Water (feet): >10

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.25	0.01 ft³	
bentonite chips	0.25	10	0.2 ft³	

6. Comments

GB8

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-5-2019

Street or Route: 708 Heartland Trail Suite 3000 | Telephone Number: (608) 826-3600

City: Madison | State: WI | ZIP Code: 53717

Signature of Person Doing Work: Steph Sellwood | Date Signed: 2-8-2019

DNR Use Only
Date Received | Noted By
Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions) N / W — Format Code: ☐ DD ☐ DDM — Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
SE	SE	15	20 N	17 ☒ E ☐ W	

Well Street Address: E Side of Racine St. S of 1st St.

Well City, Village or Town	Well ZIP Code
Menasha	54952

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil boring	

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5
Facility ID (FID or PWS):
License/Permit/Monitoring #: WisDOT # 4992-03-00
Original Well Owner: WisDOT
Present Well Owner: Same
Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner	State	ZIP Code
Madison	WI	53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-5-2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug ☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
NA	10

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	>10

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.25	0.01 ft3	
bentonite Chips	0.25	10	0.2 ft3	

6. Comments

GB9

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-5-2019

Street or Route	Telephone Number
708 Heartland Trail Suite 3000	(608) 826-3600

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Madison	WI	53717	Steph Sellwood	2-8-2019

DNR Use Only
Date Received | Noted By
Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions): ____ N ____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼ SE	¼ SE	Section 15	Township 20 N	Range 17 ☒ E ☐ W

or Gov't Lot #

Well Street Address: 84 Racine St.

Well City, Village or Town	Well ZIP Code
Menasha	54952

Subdivision Name	Lot #

Reason for Removal from Service: Soil boring
WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5
Facility ID (FID or PWS):
License/Permit/Monitoring #: WisDOT # 4992-03-00
Original Well Owner: WisDOT
Present Well Owner: Same
Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner	State	ZIP Code
Madison	WI	53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-5-2019
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
NA	10

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	>10

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.25	0.01 ft3	
bentonite Chips	0.25	10	0.2 ft3	

6. Comments

GB10

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-5-2019

Street or Route	Telephone Number
708 Heartland Trail Suite 3000	(608) 826-3600

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Madison	WI	53717	Stephen Sellwood	2-8-2019

DNR Use Only
Date Received: Noted By:
Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions): ____ N ____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
NE	NE	22	20 N	17 ☒ E ☐ W

or Gov't Lot #

Well Street Address: Ahnaip St. and Racine St.

Well City, Village or Town	Well ZIP Code
Menasha	54952

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil boring	

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5
Facility ID (FID or PWS):
License/Permit/Monitoring #: WisDOT # 4992-03-00
Original Well Owner: WisDOT
Present Well Owner: Same
Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner	State	ZIP Code
Madison	WI	53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-6-2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
4	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
NA	4

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	>4

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
concrete	Surface	0.25	0.01 ft3	
bentonite chips	0.25	4	0.08 ft3	

6. Comments

GB11

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-6-2019

Street or Route	Telephone Number
708 Heartland Trail Suite 3000	(608) 826-3600

City	State	ZIP Code
Madison	WI	53717

Signature of Person Doing Work: Steve Sellwood
Date Signed: 2-8-2019

DNR Use Only
Date Received | Noted By
Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions): ____ N ____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼ NE	¼ NE	Section 22	Township 20 N	Range 17 ☒ E ☐ W
or Gov't Lot #				

Well Street Address: Ahnaip St. and Racine St.

Well City, Village or Town	Well ZIP Code
Menasha	54952

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil boring	

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5
Facility ID (FID or PWS):
License/Permit/Monitoring #: WisDOT # 4992-03-00
Original Well Owner: WisDOT
Present Well Owner: Same
Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner	State	ZIP Code
Madison	WI	53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-6-2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug ☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
11	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
NA	11

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	>11

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.25	0.01 ft³	
bentonite Chips	0.25	11	0.24 ft³	

6. Comments

GB12

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-6-2019

Street or Route	Telephone Number
708 Heartland Trail Suite 3000	(608) 826-3600

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Madison	WI	53717	Steve Sellwood	2-8-2019

DNR Use Only
Date Received | Noted By
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Well / Drillhole / Borehole Filling & Sealing Report

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Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions): ____ N ____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
NE	NE	22	20 N	17 ☒ E ☐ W

or Gov't Lot #

Well Street Address: Ahnaip St. and Racine St.

Well City, Village or Town	Well ZIP Code
Menasha	54952

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil boring	

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5
Facility ID (FID or PWS):
License/Permit/Monitoring #: WisDOT #4992-03-00
Original Well Owner: WisDOT
Present Well Owner: Same
Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner	State	ZIP Code
Madison	WI	53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-6-2019
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
NA	12

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	11

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.25	0.01 ft3	
bentonite chips	0.25	12	0.26 ft3	

6. Comments

GB13

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-6-2019

Street or Route	Telephone Number
708 Heartland Trail Suite 3000	(608) 826-3600

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Madison	WI	53717	Steve Sellwood	2-8-2019

DNR Use Only
Date Received | Noted By
Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Winnebago		

Latitude / Longitude (see instructions): ____ N ____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range	
NE	NE	22	20 N	17	☒ E ☐ W

or Gov't Lot #

Well Street Address: Ahnaip Street and Racine St.

Well City, Village or Town	Well ZIP Code
Menasha	54952

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil boring	

2. Facility / Owner Information

Facility Name: Racine St. Bridge Phase 2.5
Facility ID (FID or PWS):
License/Permit/Monitoring #: WisDOT #4992-03-00
Original Well Owner: WisDOT
Present Well Owner: Same
Mailing Address of Present Owner: PO Box 7965, 5 South

City of Present Owner	State	ZIP Code
Madison	WI	53707

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 2-6-2019
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
NA	12

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	>12

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☒ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.25	0.01 ft³	
bentonite chips	0.25	12	0.26 ft³	

6. Comments

GB14

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Steve Sellwood	NA	2-6-2019

Street or Route	Telephone Number
708 Heartland Trail Suite 3000	(608) 826-3600

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Madison	WI	53717	Steve Sellwood	2-8-2019

DNR Use Only
Date Received | Noted By
Comments

Attachment 3

Photographic Log

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation (WisDOT)	Former Banta Publishing Corp./ Racine St. Bridge, Menasha, WI	WisDOT: 4992-03-00 TRC: 313527.0000.0000

Photo No.	Date
1	2/5/2019

Description:
View of Racine Street Bridge from south side of Fox River

Photo looking northeast

Photo No.	Date
2	2/6/2019

Description:
Location of GB1 near Racine Street Bridge

Photo looking northeast

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation (WisDOT)	Former Banta Publishing Corp./ Racine St. Bridge, Menasha, WI	WisDOT: 4992-03-00 TRC: 313527.0000.0000

Photo No.	Date
3	2/6/2019

Description:
Location of GB2 near Racine Street Bridge and the Fox River

Photo looking northwest

Photo No.	Date
4	2/6/2019

Description:
Location of GB3 near the northeastern wall of the former Banta Publishing building

Photo looking southwest

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation (WisDOT)	Former Banta Publishing Corp./ Racine St. Bridge, Menasha, WI	WisDOT: 4992-03-00 TRC: 313527.0000.0000

Photo No.	Date
5	2/6/2019

Description:
Location of GB4 between former Banta Publishing building and Ahnaip Street

Photo looking northeast

Photo No.	Date
6	2/6/2019

Description:
Location of GB5 between former Banta Publishing building and Ahnaip Street

Photo looking northeast

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation (WisDOT)	Former Banta Publishing Corp./ Racine St. Bridge, Menasha, WI	WisDOT: 4992-03-00 TRC: 313527.0000.0000

Photo No.	Date
7	2/6/2019

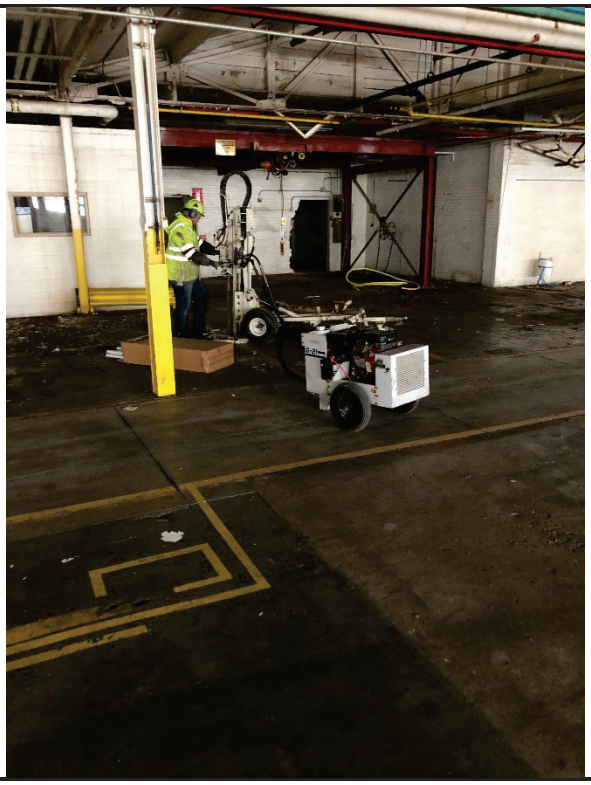
Description:
Location of GB11 near the northeastern corner of the former Banta Publishing building

Photo looking north

Photo No.	Date
8	2/6/2019

Description:
Location of GB13 near the southwestern portion of the former Banta Publishing building

Photo looking north



Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation (WisDOT)	Former Banta Publishing Corp./ Racine St. Bridge, Menasha, WI	WisDOT: 4992-03-00 TRC: 313527.0000.0000

Photo No.	Date
9	2/6/2019

Description:
Current layout of Racine Street/Ahnaip Street/Keyes Street/Riverway intersection

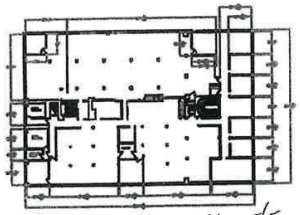
Photo looking southeast

Photo No.	Date
10	2/6/2019

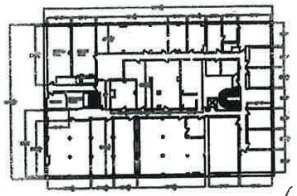
Description:
Containerized soil cuttings from subsurface investigation left onsite for Veolia pick-up and disposal

Photo looking southwest

Existing Building Drawings



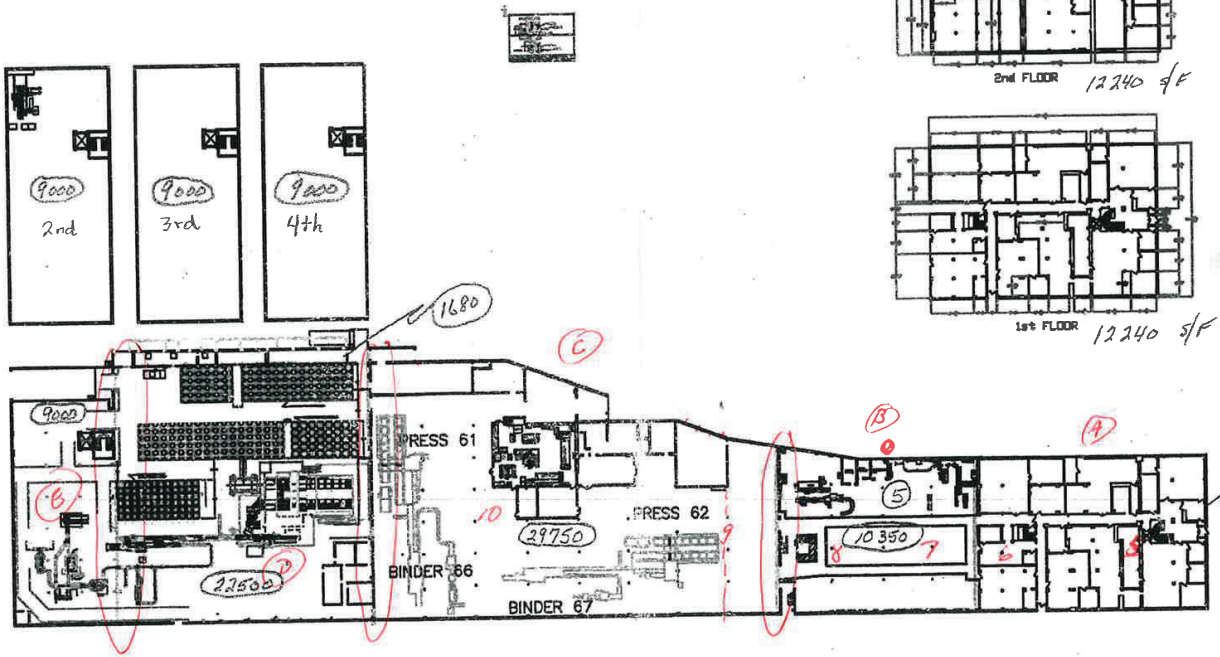
3rd FLOOR 12240 S/F



2nd FLOOR 12240 S/F

1st FLOOR 12240 S/F

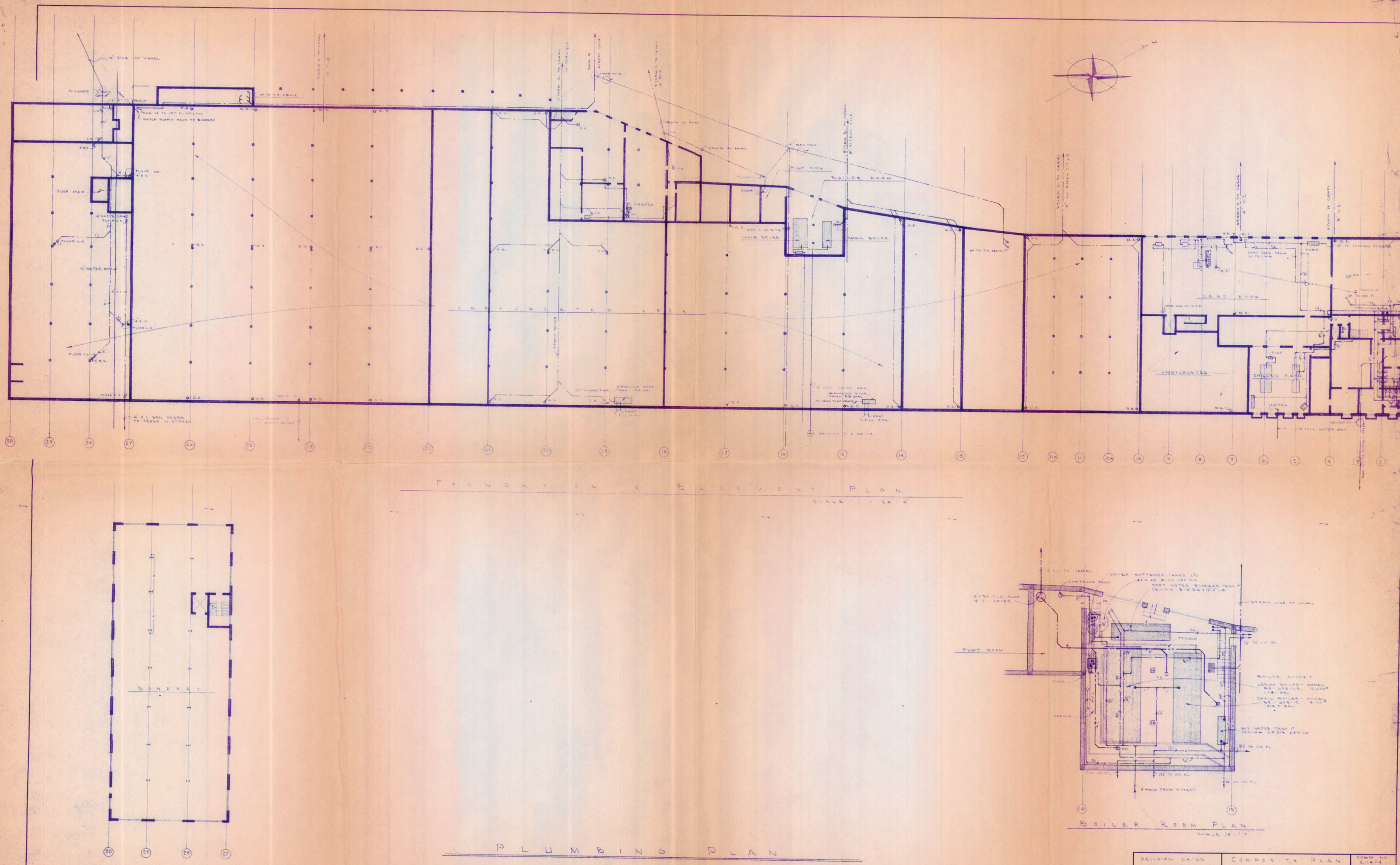
36,720



137,115 SQUARE FEET

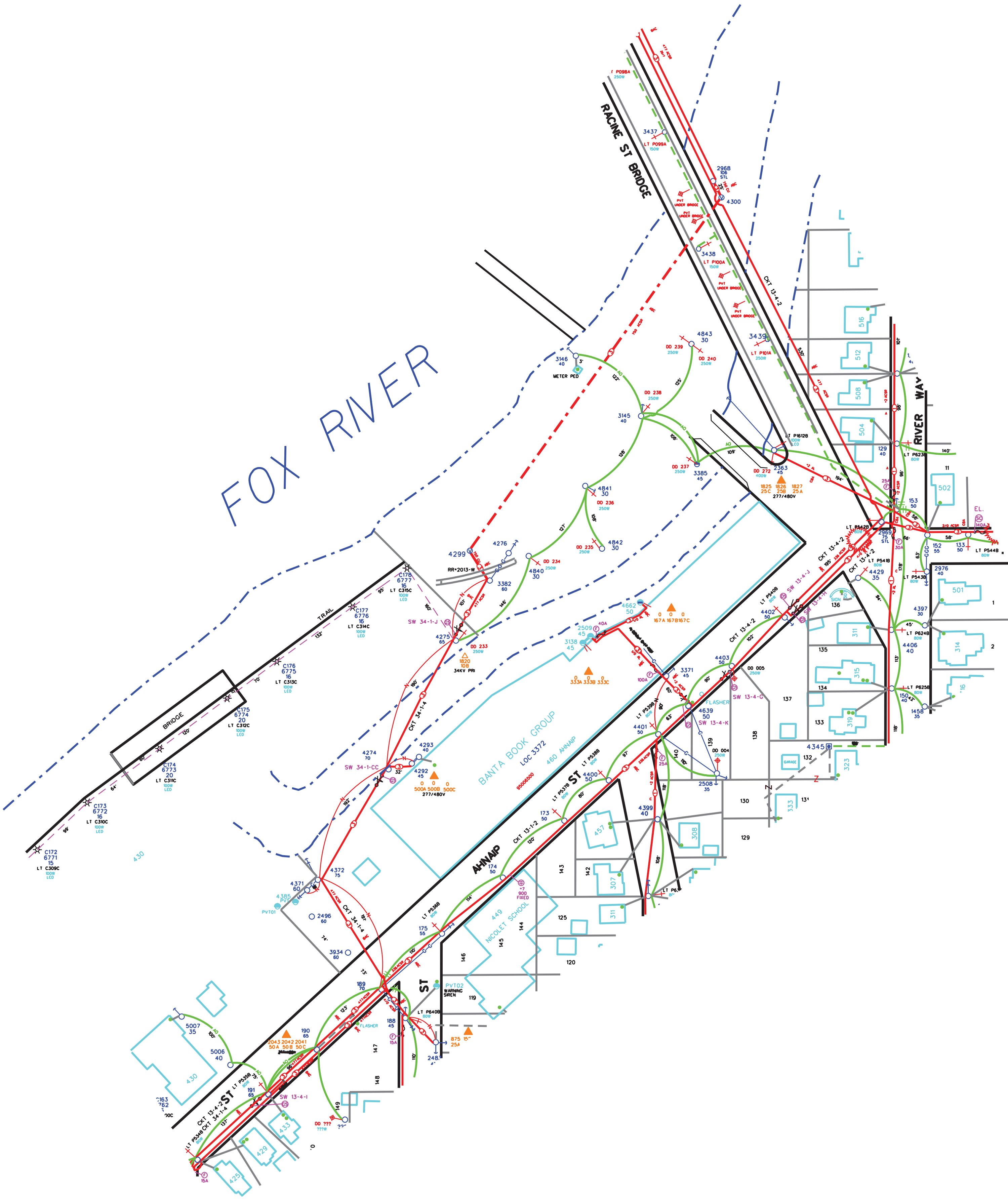
MENASHA PLANT

Parid # 1964
10-4-10 MJM
RR Donnelly
C. Menasha

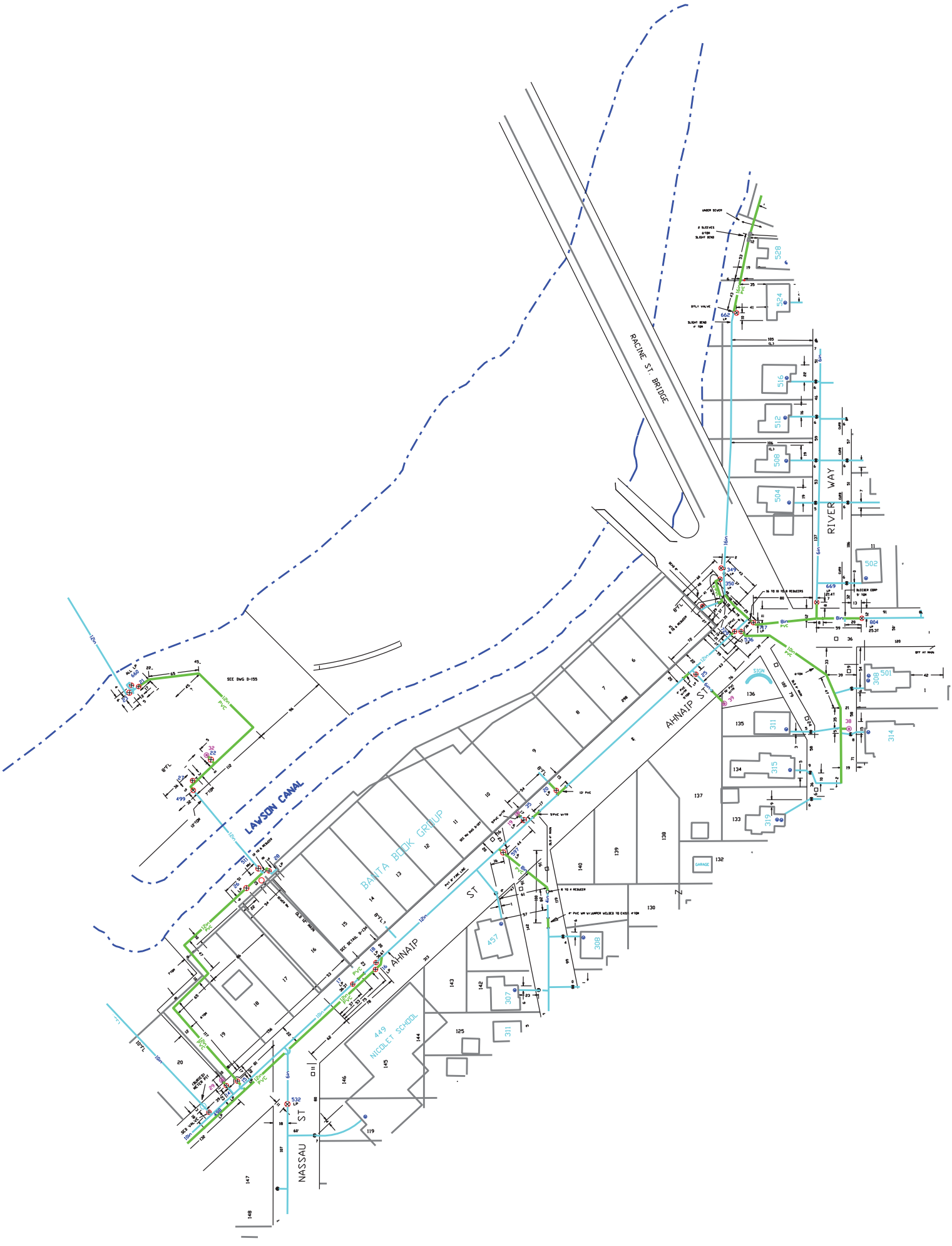


REVISION DATES	COMPOSITE PLAN MENASHA PLANT GEO. BANTA CO. INC MENASHA, WISCONSIN	COMM NO C-1404
FEB. 7, 1968 T.W.B. AUG 1 1970 G.W.L.	Office of RAYMOND LE VEE & ASSOCIATES, INC. ARCHITECTS APPLETON CHICAGO	DATE JAN. 1, 66
		SHEET NO 8 OF 19 SHEETS

Existing Utility Drawings



FOX RIVER
RACINE ST BRIDGE
RIVER WAY
BRIDGE
TRAIL
AHNAIP ST
BANTA BOOK GROUP
LOC 3372
460 AHNAIP
NICOLET SCHOOL
CKT 13-4-2
CKT 13-1-2
CKT 34-1-4
SW 34-1-J
SW 34-1-CC
SW 13-4-G
SW 13-4-K
SW 13-4-I
METER PED
34KV PRI
277/480V
PVT02
WARNING SIREN
FLASHER


RACINE ST. BRIDGE
LAWSON CANAL
BANTA BECK GROUP
AHNAIP ST
AHNAIP ST
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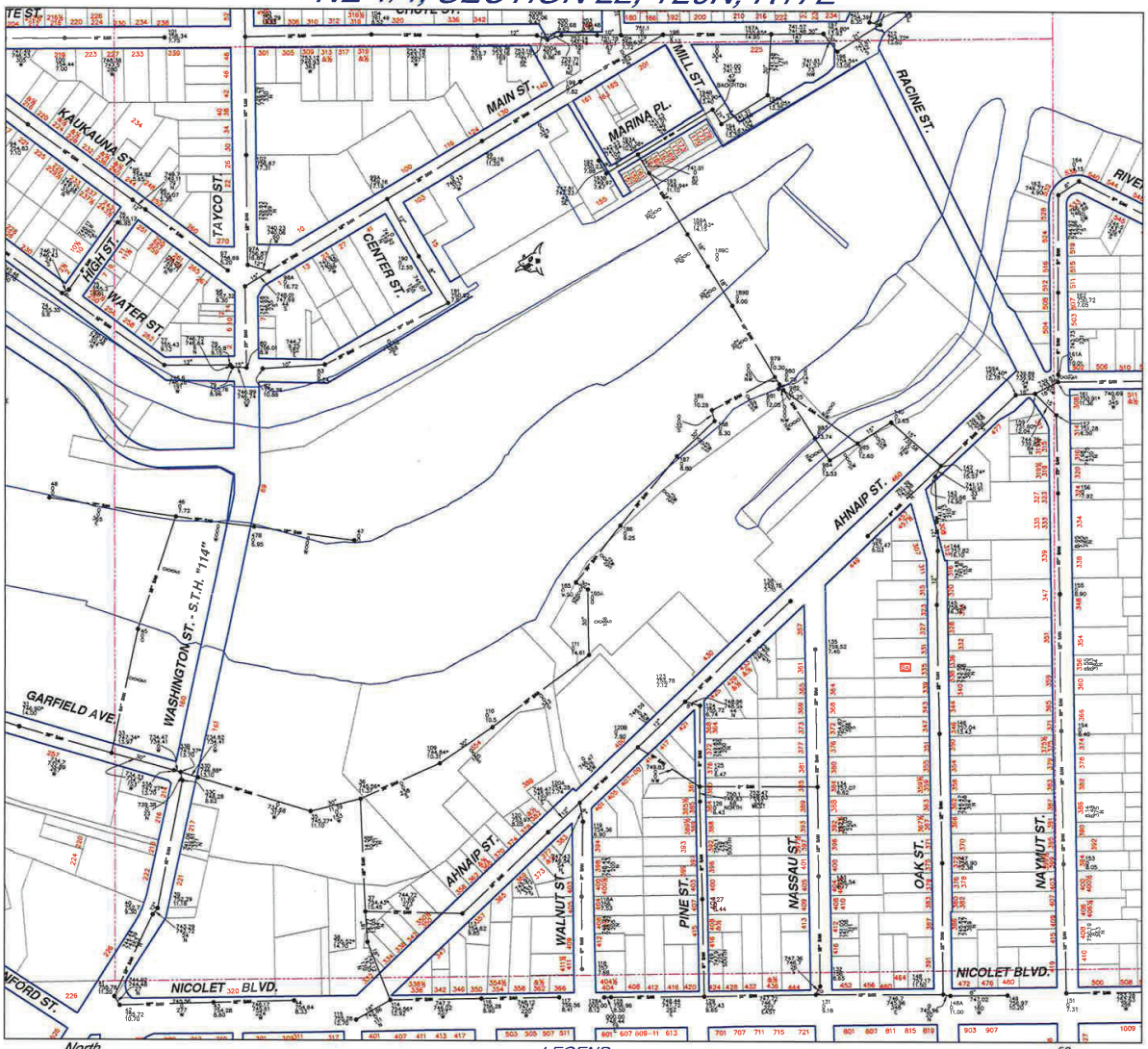
NE 1/4, SECTION 22, T20N, R17E



North

0' 200' 400'

SCALE±

LEGEND

SANITARY SEWER MANHOLES
123 = SANITARY MANHOLE I.D. NO.
750.42 = RIM ELEVATION
6.28 = MANHOLE DEPTH

SANITARY SEWER MAINS
742.42 = UPSTREAM INVERT
740.28 = DOWNSTREAM INVERT
265 = SEGMENT LENGTH
S = DIRECTION OF FLOW

- BRICK
- BLOCK
- PRECAST
- MONOFORM
- FIBERGLASS
- POURED CONCRETE
- SANITARY MANHOLE

- CLAY PIPE
- PVC PIPE
- CONCRETE PIPE
- HORSE COLLAR PIPE
- CAST IRON PIPE
- FORCE MAIN PIPE
- ABS TRUSS PIPE

- SEWER DIAMETER
- SANITARY MAIN
- JOINT GROUTING
- TOTAL LINING
- SPOT LINING
- SEAL LAT. CONN.
- SAN. LAT. SEE INDEX

Menasha

88 85 92

SANITARY SEWER
MARCH 2018

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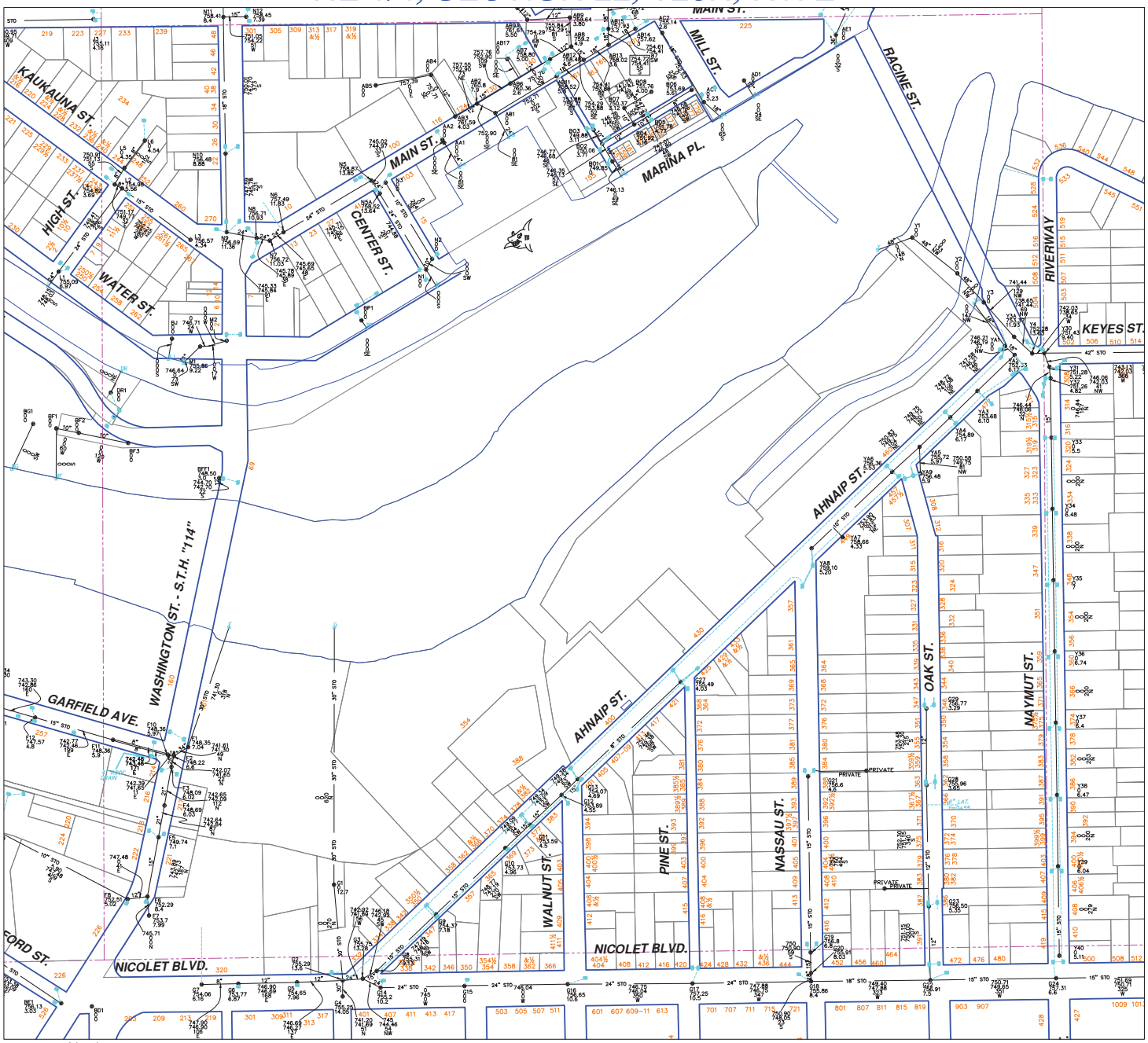
NE 1/4, SECTION 22, T20N, R17E



North

0' 200' 400'

SCALE±

LEGEND

STORM SEWER MANHOLES
123 = STORM MANHOLE I.D. NO.
750.42 = RIM ELEVATION
6.28 = MANHOLE DEPTH

STORM SEWER MAINS
742.42 = UPSTREAM INVERT
740.28 = DOWNSTREAM INVERT
265 = SEGMENT LENGTH
S = DIRECTION OF FLOW

- BRICK
- BLOCK
- PRECAST
- POURED CONCRETE
- STORM MANHOLE
- INLET
- OUTFALL

- CLAY PIPE
- CMP PIPE
- PVC PIPE
- HDPE PIPE
- CONCRETE PIPE
- CAST IRON PIPE
- ABS TRUSS PIPE

- 24" SEWER DIAMETER
- STORM MAIN
- INLET LEAD
- UNDER DRAIN
- STORM LATERAL
- ST STO. LAT. SEE INDEX

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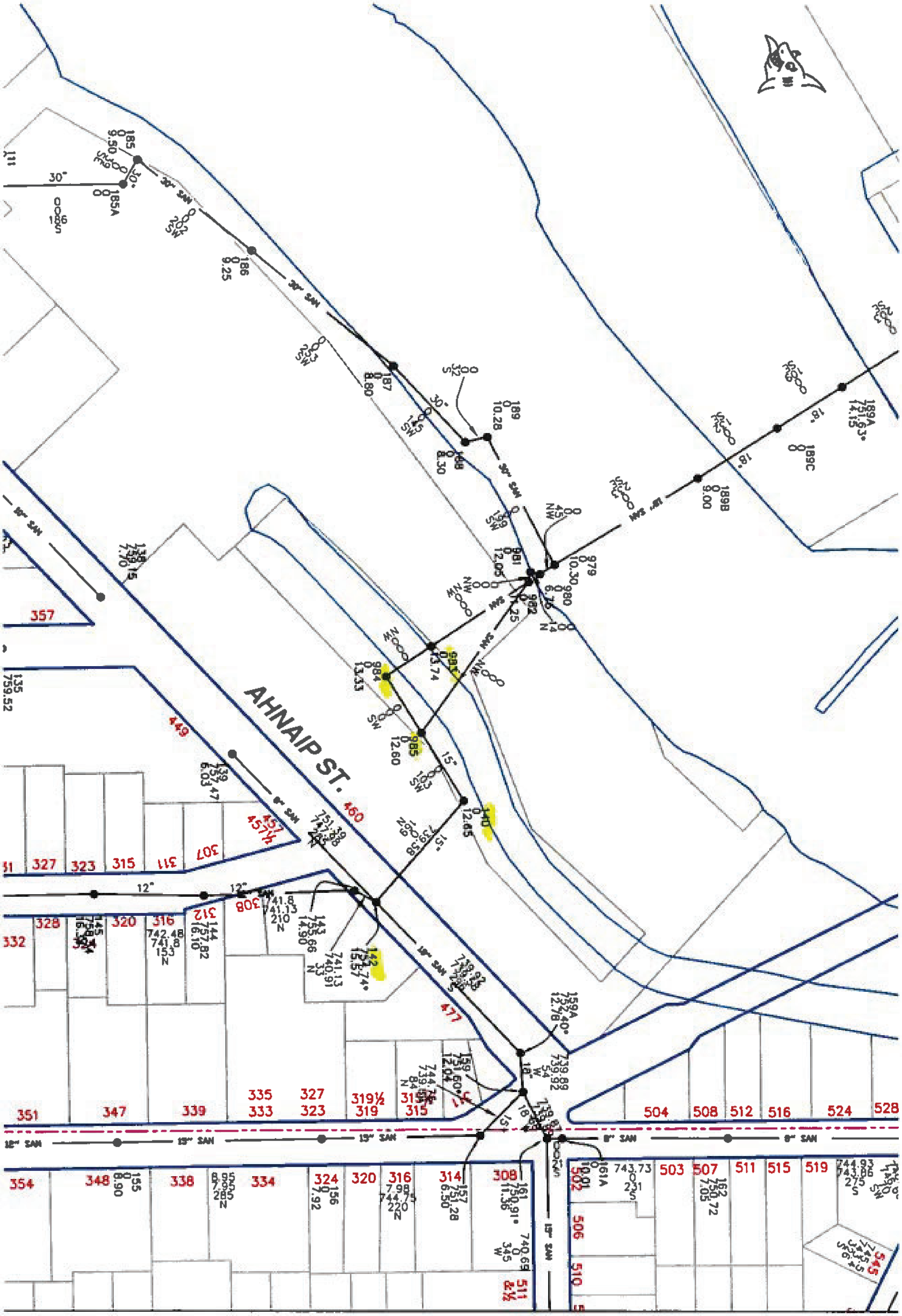
Menasha

58 / 88 85 92

STORM SEWER
MARCH 2018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GREEN BAY PIPE & TV

greenbaypipe.net

Menasha, WI

Upstream MH	Downstream MH
142	140

Date	Time	Street	Page
9/18/2013	8:10 AM	Banta Plant Easement	2

Sewer Use	Pipe Size	Pipe ID	Jt. Spacing	Shape	Survey Direction
Sanitary	15		2	Circular	Downstream

Pre-Cleaning	Weather	Media Label	Rim to Invert (U)	Rim to Invert (D)	Flow Direction
Jetting	Light Rain		16		N

Date Cleaned	Surveyed Length	Total Length	Surveyor	Certificate No.	Surface
9/17/2013	169	169	Steven De Keyser	U-207-4512	Concrete

Owner	Material	Project
City of Menasha	Vitrified Clay Pipe	Fox River Interceptor

Additional Information

Ftg.	Code	Description	Position	%	Cont.	Comment
0.0	AMH	Access Point - Manhole				Starting Manhole: 142
0.0	MWL	Water Level		15		
14.7	RPP	Point Repair - Patch Repair	10 to 2			PVC Patch
105.2	TFA	Tap, Factory Made: Active	2			
105.9	TFA	Tap, Factory Made: Active	10			
169.0	AMH	Access Point - Manhole				Ending Manhole: 140

GREEN BAY PIPE & TV

greenbaypipe.net

Menasha, WI

Upstream MH	Downstream MH
140	985

Date	Time		Street		Page
9/18/2013	7:35 AM		Banta Plant Easement		1
Sewer Use	**Pipe Size**	**Pipe ID**	**Jt. Spacing**	**Shape**	**Survey Direction**
Sanitary	15		2	Circular	Downstream
Pre-Cleaning	**Weather**	**Media Label**	**Rim to Invert (U)**	**Rim to Invert (D)**	**Flow Direction**
Jetting	Light Rain		12.8		W
Date Cleaned	**Surveyed Length**	**Total Length**	**Surveyor**	**Certificate No.**	**Surface**
9/17/2013	103	103	Steven De Keyser	U-207-4512	Bituminous

Owner	Material	Project
City of Menasha	Vitrified Clay Pipe	Fox River Interceptor

Additional Information

Ftg.	Code	Description	Position	%	Cont.	Comment
0.0	AMH	Access Point - Manhole				Starting Manhole: 140
0.0	MWL	Water Level		15		
68.3	TFA	Tap, Factory Made, Active		10		
103.0	AMH	Access Point - Manhole				Ending Manhole: 985

MANHOLE INSPECTION FORM

Client: City of Menasha

Project: Phase 4 SSES Job No.: _____

Date: 8-14-06 Time: _____ Inspector(s): CPC, CLN

Manhole Data

Manhole No.: 142 Downstream Manhole No.: 140

Location: Main St East of Oak St

Located in Ditch or Depression: Yes _____ No X

Subject to Ponding: Yes _____ No X Surface Around Manhole: Concrete

Pickholes: Concealed X Open _____ No. Holes 2 Anti-Rock Cover: Yes X No _____

Cover Dia, In.: 23 Cover Thickness, In. 1½ Patent No. 1050 Bolted Down: Yes _____ No F

Steps: Yes X No _____ Step Material: Plastic Coated Metal F Metal _____ Other _____

Construction Material:	Base	Riser	Cone
	Brick _____	Brick X-up 4'	Concrete _____
	Block _____	Block _____	Block _____
	Precast _____	Precast X	Precast X
	Other Poured	Other _____	Other _____

Diameter, In.: 48" Depth to Invert, ft.: 15.57 14.60, 7.25

Adjustment Rings Height, In.: 7 Material: Brick _____ Concrete _____ Metal Road Ring _____

Casting Height, in.: 9" Casting Offset, in.: 2"

Manhole Seal: None _____ Internal X External _____

Manhole Configuration: Eccentric X Concentric _____

Surcharge Evidence: Yes _____ No X Height, ft. _____

Manhole Base: Channel Depth, in.: 8" Flat Bottom _____

Solids Accumulation: Yes X No _____ Depth, in. 2" Location channel edges

Structural Condition

Component	Poor	Fair	Good	Comments
Base	X			main channel not even
Riser		→	→	first few feet of brick - fair, Precast is good
Cone			X	
Adjustment Rings				Internal Seal - can't see

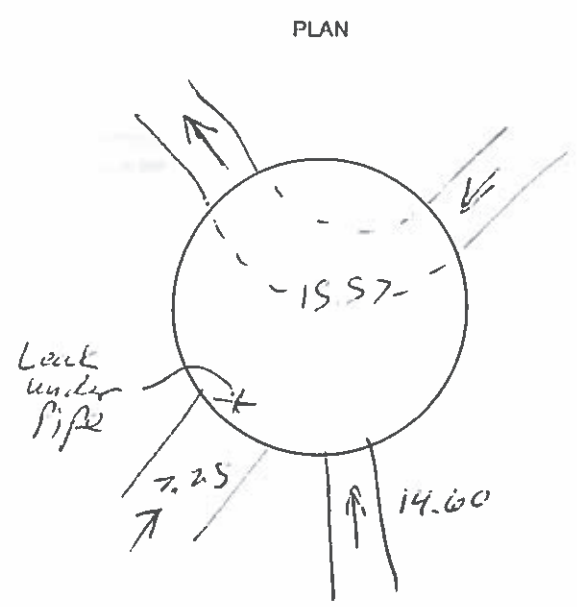
Infiltration

Evidence of Infiltration: Yes X No _____

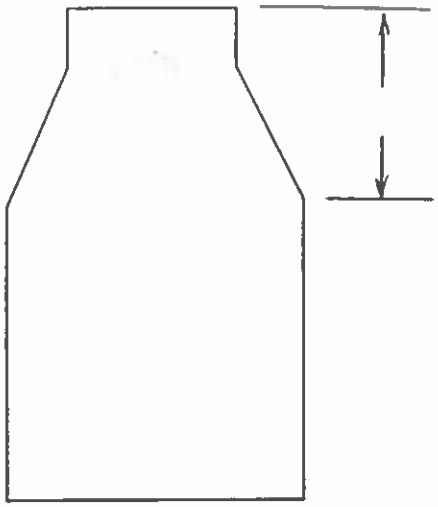
Leaks	Moist Walls	Deposits	Stains	Roots
Severe _____	Severe _____	Severe _____	Severe _____	Severe _____
Moderate _____	Moderate X	Moderate _____	Moderate _____	Moderate _____
Light X	Light _____	Light _____	Light _____	Light _____

Estimated infiltration rate, gpm: 0.50

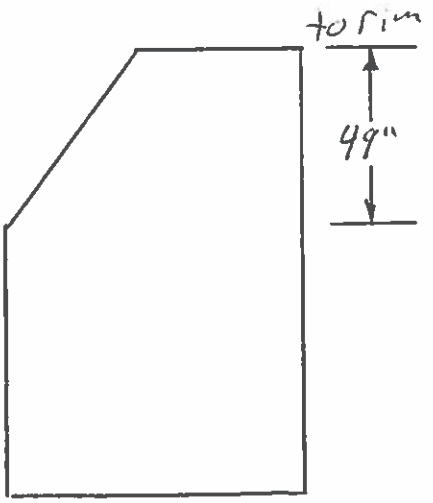
PLAN



PROFILE



CONCENTRIC



ECCENTRIC

Infiltration Rate Key

Deposits/Stains	0.02 gpm
Wet Walls	0.05 gpm
Cracks/Pieces Missing	0.05 gpm
Poor Connection Between Casting/Adjustment Rings/Cone	0.02 gpm
Base in Poor Condition	0.02 gpm
One Drip per Second	0.01 gpm

Comments: _____

MANHOLE INSPECTION FORM

Client: City of Menasha

Project: Phase 4 SSES Job No.: ____

Date: 4-16-09 Time: 8:40 Inspector(s): [illegible]

Manhole Data

Manhole No.: 146 Downstream Manhole No.: 485

Location: Behind RR Dumpster (Rush) Near Loading Dock 3

Located in Ditch or Depression: Yes ____ No X

Subject to Ponding: Yes ____ No X Surface Around Manhole: [illegible]

Pickholes: Concealed ____ Open X No. Holes 2 Anti-Rock Cover: Yes ____ No X

Cover Dia, In.: 21 Cover Thickness, In. 1½ Patent No. ____ Bolted Down: Yes ____ No X

Steps: Yes ____ No X Step Material: Plastic Coated Metal ____ Metal ____ Other ____

Construction Material:

Base	Riser	Cone
Brick ____	Brick X	Concrete ____
Block ____	Block ____	Block ____
Precast ____	Precast ____	Precast ____
Other Poured	Other ____	Other Brick

Diameter, In.: 40" Depth to Invert, ft.: 12.35

Adjustment Rings Height, In.: 2 Material: Brick ____ Concrete X Metal Road Ring ____

Casting Height, in.: 9" Casting Offset, in.: 0

Manhole Seal: None X Internal ____ External ____

Manhole Configuration: Eccentric ____ Concentric X

Surcharge Evidence: Yes ____ No X Height, ft. ____

Manhole Base: Channel Depth, in.: ____ Flat Bottom X

Solids Accumulation: Yes ____ No X Depth, in. ____ Location ____

Structural Condition

Component	Poor	Fair	Good	Comments
Base	X			No channel / 6" of standing water
Riser		X		Deteriorating mortar
Cone		X		" "
Adjustment Rings		X		

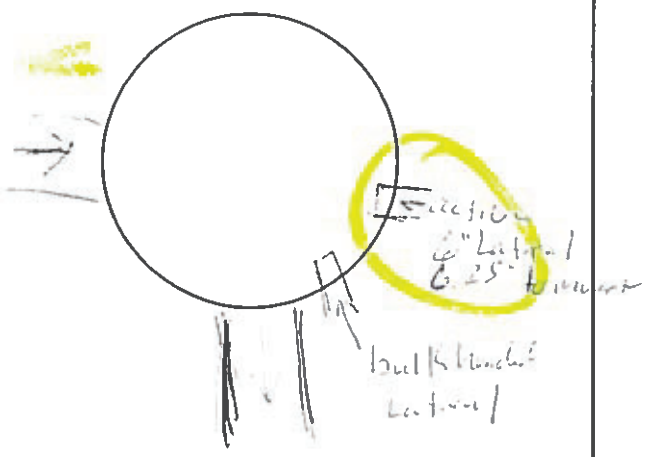
Infiltration

Evidence of Infiltration: Yes X No ____

Leaks	Moist Walls	Deposits	Stains	Roots
Severe ____	Severe ____	Severe ____	Severe ____	Severe ____
Moderate ____	Moderate ____	Moderate ____	Moderate ____	Moderate ____
Light ____	Light X	Light ____	Light ____	Light ____

Estimated infiltration rate, gpm: 0.01

PLAN



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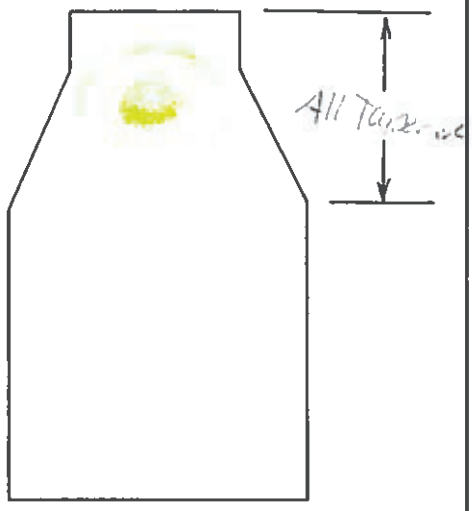

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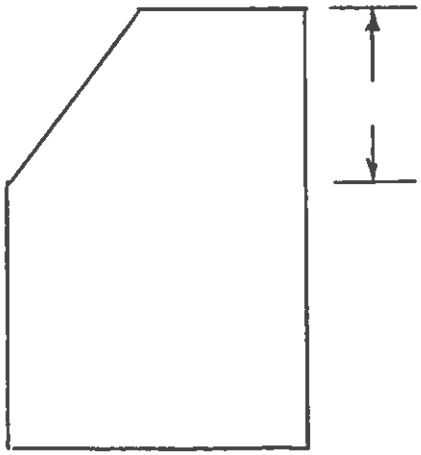


ECCENTRIC

Infiltration Rate Key

Deposits/Stains	0.02 gpm
Wet Walls	0.05 gpm
Cracks/Pieces Missing	0.05 gpm
Poor Connection Between Casting/Adjustment Rings/Cone	0.02 gpm
Base in Poor Condition	0.02 gpm
One Drip per Second	0.01 gpm

Comments: Active 6" lateral was running steadily at 0.20 GPM

MANHOLE INSPECTION FORM

Client: City of Menasha

Project: Phase 4 SSES Job No.:

Date: 4/9/07 Time: Inspector(s): CRC

Manhole Data

Manhole No.: 185 Downstream Manhole No.: 184

Location: BEHIND P.D. DOOLEY (~~BANTA~~) JUST "E" OF DOCK 2

Located in Ditch or Depression: Yes ____ No X

Subject to Ponding: Yes ____ No X Surface Around Manhole: ASPHALT

Pickholes: Concealed ____ Open X No. Holes 3 Anti-Rock Cover: Yes ____ No X

Cover Dia, In.: 21½ Cover Thickness, In. 1½ Patent No. — Bolted Down: Yes ____ No X

Steps: Yes X No ____ Step Material: Plastic Coated Metal X Metal ____ Other ____

Construction Material:

Base	Riser	Cone
Brick ____	Brick X	Concrete ____
Block ____	Block ____	Block ____
Precast ____	Precast ____	Precast ____
Other POURED	Other ____	Other BRICK

Diameter, In.: APPROX 42" Depth to Invert, ft.: 12.60

Adjustment Rings Height, In.: 1" Material: Brick ____ Concrete X Metal Road Ring ____

Casting Height, in.: 9" Casting Offset, in.: C

Manhole Seal: None X Internal ____ External ____

Manhole Configuration: Eccentric ____ Concentric X

Surcharge Evidence: Yes ____ No X Height, ft. ____

Manhole Base: Channel Depth, in.: 12" Flat Bottom ____

Solids Accumulation: Yes ____ No X Depth, in. ____ Location ____

Structural Condition

Component	Poor	Fair	Good	Comments
Base		X		
Riser	X			MORTAR & BRICK DETERIORATED
Cone	X			" " "
Adjustment Rings	X			" RING "

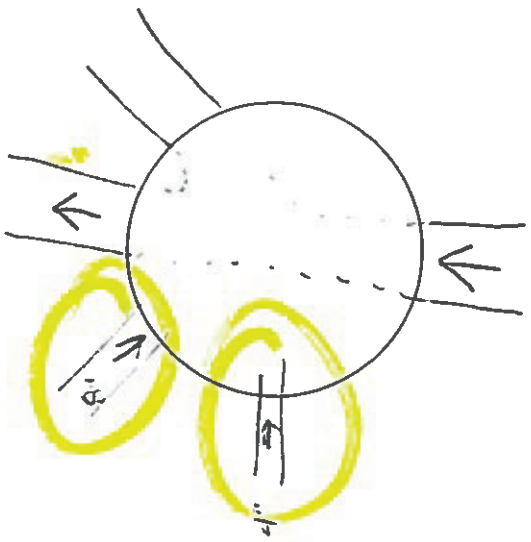
Infiltration

Evidence of Infiltration: Yes X No ____

Leaks	Moist Walls	Deposits	Stains	Roots
Severe ____	Severe ____	Severe ____	Severe ____	Severe ____
Moderate ____	Moderate ____	Moderate ____	Moderate ____	Moderate ____
Light ____	Light X	Light ____	Light ____	Light ____

Estimated infiltration rate, gpm: .01

PLAN



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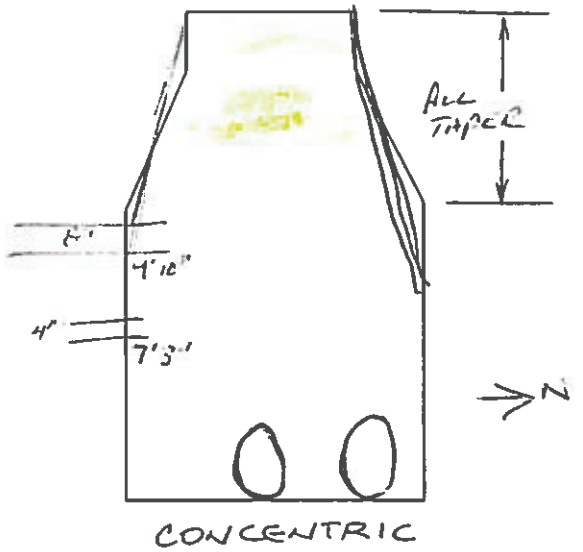

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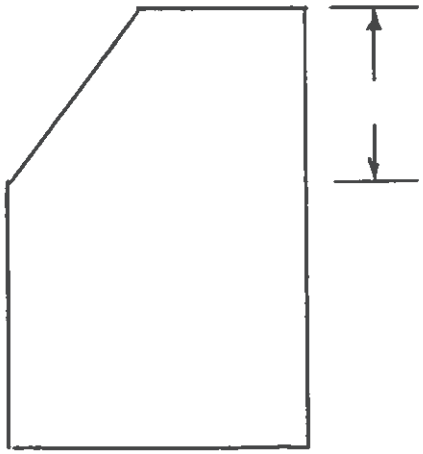


ECCENTRIC

Infiltration Rate Key

Deposits/Stains	0.02 gpm
Wet Walls	0.05 gpm
Cracks/Pieces Missing	0.05 gpm
Poor Connection Between Casting/Adjustment Rings/Cone	0.02 gpm
Base in Poor Condition	0.02 gpm
One Drip per Second	0.01 gpm

Comments: 4" LATERAL RAN ENTIRE TIME AT APPROX 3 GPM

MANHOLE INSPECTION FORM

Client: City of Menasha

Project: Phase 4 SSES Job No.:

Date: 4/9/09 Time: Inspector(s): CPG

Manhole Data

Manhole No.: 984 Downstream Manhole No.: 983

Location: BEHIND RR DEPOT (BANTH) NEAR LOADING DOCK 2

Located in Ditch or Depression: Yes ____ No X

Subject to Ponding: Yes ____ No X Surface Around Manhole: ASPHALT

Pickholes: Concealed ____ Open X No. Holes 3 Anti-Rock Cover: Yes ____ No X

Cover Dia, In.: 21½ Cover Thickness, In.: 1½ Patent No.: — Bolted Down: Yes ____ No X

Steps: Yes X No ____ Step Material: Plastic Coated Metal ____ Metal X Other ____

Construction Material:	Base	Riser	Cone
	Brick ____	Brick X	Concrete ____
	Block ____	Block ____	Block ____
	Precast ____	Precast ____	Precast ____
	Other UNKNOWN	Other ____	Other BRICK

Diameter, In.: APROX 40" Depth to Invert, ft.: 13.33

Adjustment Rings Height, In.: 12" Material: Brick ____ Concrete X Metal Road Ring ____

Casting Height, in.: 9" Casting Offset, in.: —

Manhole Seal: None X Internal ____ External ____

Manhole Configuration: Eccentric ____ Concentric X

Surcharge Evidence: Yes X No ____ Height, ft. ____

Manhole Base: Channel Depth, in.: NONE Flat Bottom X

Solids Accumulation: Yes X No ____ Depth, in. 3" Location ENTIRE BOTTOM

Structural Condition

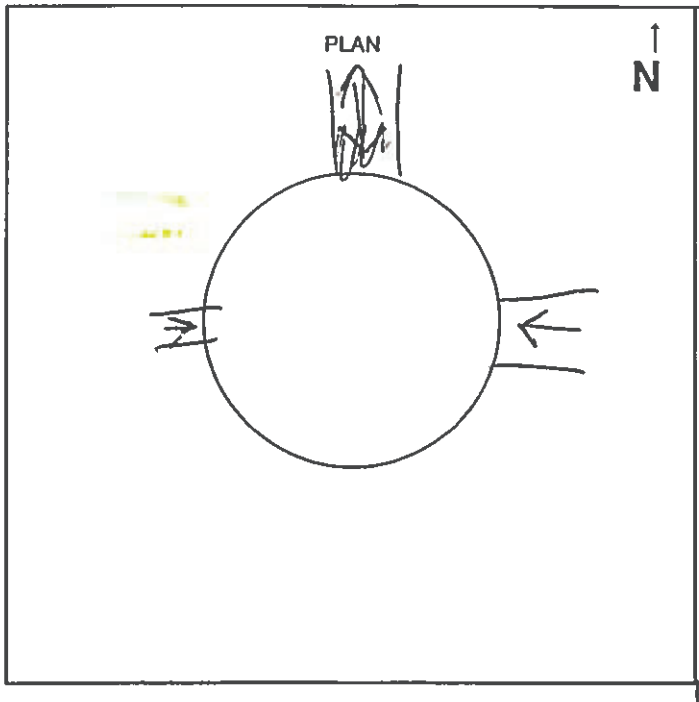
Component	Poor	Fair	Good	Comments
Base	X			MORTAR & BRICK DETERIATION
Riser	X			" " "
Cone	X			" " "
Adjustment Rings		X		NEWER RINGS

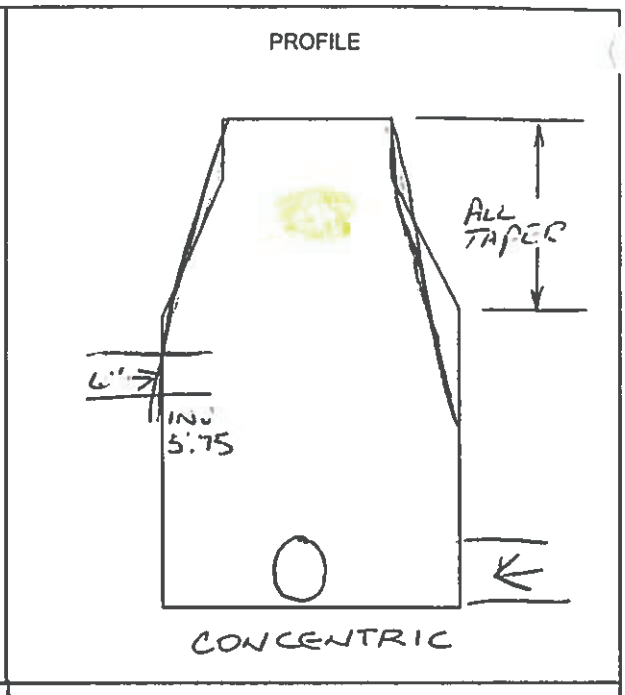
Infiltration

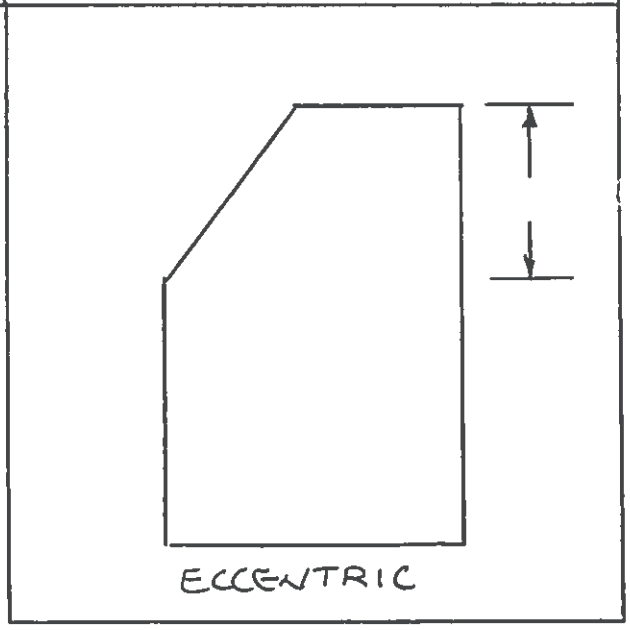
Evidence of Infiltration: Yes X No ____

Leaks	Moist Walls	Deposits	Stains	Roots
Severe ____	Severe ____	Severe ____	Severe ____	Severe ____
Moderate ____	Moderate ____	Moderate ____	Moderate ____	Moderate ____
Light X	Light X	Light ____	Light ____	Light ____

Estimated infiltration rate, gpm: < 15







Infiltration Rate Key

Deposits/Stains	0.02 gpm
Wet Walls	0.05 gpm
Cracks/Pieces Missing	0.05 gpm
Poor Connection Between Casting/Adjustment Rings/Cone	0.02 gpm
Base in Poor Condition	0.02 gpm
One Drip per Second	0.01 gpm

Comments: 6" LINE RAN ENTIRE TIME AT APPROX 0.25 GPM

City of Menasha

Permits and Noise Ordinance

City of Menasha
Permit Application

100 Main Street, Suit 200
Menasha, WI 54952
920-967-3655 bldinsp@ci.menasha.wi.us

County:
☐ Winnebago Muni# 70251 ☐ Calumet Muni# 08251

Permit #

Seal#

Tax Key #

Project Description	Project Address

Owner's Name	Address	Phone & Email

Contractor	License# & Exp. Date	Address	Phone and Email
Dwelling Contractor			
Dwelling Contractor Qualifier		The Dwelling Contractor Qualifier shall be an owner, CEO, COB or employee of the Dwelling Contractor	
HVAC			
Electrical Contractor			
Master Electrician			
Plumbing			

PROJECT INFORMATION

Lot Area Sq. Ft. | Subdivision Name | Estimated Cost

Setbacks

Front Ft. | Rear Ft. | Left Ft. | Right Ft. | Lot# | Zoning District

Project
☐New ☐Addition ☐Raze
☐Alteration ☐Repair ☐Move
☐Other _____
☐Attached Garage
☐Detached Garage

Type
☐Single Family
☐Two Family
☐Multi Family
☐Commercial
☐Garage
☐Other _____

Stories
☐1-Story
☐2-Story
☐Other _____
☐Plus Basement

Construction Type
☐Site Built
☐Mfd. Per UDC
☐Mfd. Per HUD

Walls
☐Wood Frame
☐Steel
☐ICF
☐Timber/Pole
☐Other

Use
☐Seasonal
☐Permanent
☐Rental
☐Business
☐Other

Area
Basement _____ Sq. Ft.
Living Area _____ Sq. Ft.
Garage _____ Sq. Ft.
Deck/Porch _____ Sq. Ft.
Total _____ Sq. Ft.

Electrical
_____ Amp
_____ Phase
_____ Volts
☐Underground
☐Overhead

HVAC Equipment
☐Forced Air Furnace
☐Radiant Baseboard/Panel
☐Heat Pump
☐Boiler
☐Central Air Conditioning
☐Other _____

Energy Source

Fuel	Nat Gas	LP	Oil	Elec	Solid	Solar Geo
Space Htg	☐	☐	☐	☐	☐	☐
Water Htg	☐	☐	☐	☐	☐	☐

Heat Loss
Total _____ BTU/HR

Land Disturbance
☐One acre or more of soil will be disturbed

Occupancy Type
☐Owner Occupied
☐Rental

I understand that I: am subject to all applicable codes, laws, statutes and ordinances, including those described on the reverse side of the last ply of this form; am subject to any conditions of this permit; understand that the issuance of this permit creates no legal liability, express or implied, on the state or municipality; and certify that all the above information is accurate. If one acre or more of soil will be disturbed, I understand that this project is subject to ch. NR 151 regarding additional erosion control and stormwater management and the owner shall sign the statement on the back of the permit if not signing below. I expressly grant the building inspector, or the inspector's authorized agent, permission to enter the premises for which this permit is sought at all reasonable hours and for any proper purpose to inspect the work which is being done.

☐ **I vouch that I am or will be an owner-occupant of this dwelling for which I am applying for an erosion control or construction permit without a Dwelling Contractor Certification and have read the cautionary statement regarding contractor responsibility on the reverse side of the last ply of this form.**

Applicant (Print:) _____ Sign: _____ Date: _____

Approval Conditions This permit is issued pursuant to the following conditions. Failure to comply may result in suspension or revocation of this permit or other penalty. Owner/Builder solely responsible for compliance with all Applicable State & local building & zoning codes.

Fees
Building Fee _____
Zoning Fee _____
WI Seal _____
HVAC Fee _____
Electric Fee _____
Plumbing Fee _____
Occupancy _____
OS/Sanitary _____
Park Fee _____
Erosion _____
Total _____

Permit(s) Issued
Zoning _____
HVAC _____
Electric _____
Plumbing _____
Erosion Control _____

Receipt _____
Issued By _____
Cert # _____
Date _____
Permit Expires _____

Inspections Required

Building
☐Footing
☐Foundation Reinforcement
☐Foundation
☐Rough
☐Insulation
☐Basement Floor
☐Final

HVAC
☐Rough
☐Final

Plumbing
☐Outside Laterals
☐Rough
☐Underfloor
☐Final

Electric
☐Service
☐Rough
☐Final

☐_____

Cautionary Statement to Owners Obtaining Building Permits

101.65(lr) of the Wisconsin Statutes requires municipalities that enforce the Uniform Dwelling Code to provide an owner who applies for a building permit with a statement advising the owner that:

If the owner hires a contractor to perform work under the building permit and the contractor is not bonded or insured as required under s. 101.654 (2) (a), the following consequences might occur:

(a) The owner may be held liable for any bodily injury to or death of others or for any damage to the property of others that arises out of the work performed under the building permit or that is caused by any negligence by the contractor that occurs in connection with the work performed under the building permit.

(b) The owner may not be able to collect from the contractor damages for any loss sustained by the owner because of a violation by the contractor of the one- and two- family dwelling code or an ordinance enacted under sub. (1) (a), because of any bodily injury to or death of others or damage to the property of others that arises out of the work performed under the building permit or because of any bodily injury to or death of others or damage to the property of others that is caused by any negligence by the contractor that occurs in connection with the work performed under the building permit.

Cautionary Statement to Contractors for Projects Involving Building Built Before 1978

If this project is in a dwelling or child-occupied facility, built before 1978, and disturbs 6 sq. ft. or more of paint per room, 20 sq. ft. or more of exterior paint, or involves windows, then the requirements of ch. DHS 163 requiring Lead -Safe Renovation Training and Certification apply. Call (608)261-6876 or go to the Wisconsin Department of Health Services' lead homepage for details of how to be in compliance.

Contractor Lead CERT LIC #_____

Wetlands Notice to Permit Applicants

You are responsible for complying with state and federal laws concerning the construction near or on wetlands, lakes, and streams. Wetlands that are not associated with open water can be difficult to identify. Failure to comply may result in removal or modification of construction that violates the law or other penalties or costs. For more information, visit the Department of Natural Resources wetlands identification web page or contact a Department of Natural Resources service center.

Additional Responsibilities for Owners of Projects Disturbing One or More Acre of Soil

I understand that this project is subject to ch. NR 151 regarding additional erosion control and stormwater management and will comply with those standards.

Applicant (Print)_____

Applicant Signature_____ Date:_____

Contractor Credential Requirements

All contractors shall possess an appropriate contractor credential issued by the Wisconsin Division of Industry Services.

City Of Menasha

UTILITIES DISCONNECT VERIFICATION

(Return to Building Inspection Dept)

Address_____ Number of Buildings_____

Type of Structure(s)_____ Sq. Ft._____

As representative of the **Natural Gas Company** servicing this location, I hereby certify that the utilities which are our responsibility and located at the above described property, were properly disconnected on:

Date_____ Name of Utility_____

Signature/Title _____

As representative of the **Electric Utility** servicing this location, I hereby certify that the utilities which are our responsibility and located at the above described property, were properly disconnected on:

Date_____ Name of Utility_____

Signature/Title _____

As representative of the **Water Utility** servicing this location, I hereby certify that the utilities which are our responsibility and located at the above described property, were properly disconnected on:

Date_____ Name of Utility_____

Signature/Title _____

☐I understand that burning and open dumping of construction and demolition debris is strictly prohibited by the Environmental Protection Act and agree to prevent/control dust exposure during demolition and transport. Additionally, no materials from the demolition which are subject to deterioration shall be used as fill.

☐I certify that all hazardous waste and hazardous and toxic substances as define by Sec. NR 706 contained in the building are disposed of safely and in accordance with Federal and State laws to include the handling of lead and asbestos. (Commercial – submit asbestos DNR form 4500-113 with DNR) (Contact City Sanitarian for questions)

☐I certify that I will be in compliance with all applicable Federal, State, County and City laws/regulations pertaining to the prevention of water runoff and soil erosion from the site to neighboring properties.

City of Menasha Engineering must be present while the sanitary and/or sewer laterals are being disconnected and capped off.
You are responsible to contact the Engineering Department at (920)967-3610 to make these arrangements.
Failure to properly disconnect will result in forfeiture of certified check.

_____

Submitted By Title

_____

Address Phone/Email

Raze Permit Process

Before a permit can be issued to raze or demolish a building or structure submit the following:

- Reverse side of this form must be completed by the appropriate parties & bottom of form completed by submitter
- Completed building permit
- Certified check
- Certificate of Liability Insurance and Endorsement
- Contact Engineering Department (Additional requirements & fees may apply)
- Contact Water Utilities
- Contact Diggers Hotline

Certified Check
To determine the amount of the certified check follow these guidelines:
Buildings less than 25,000 cubic feet = $500
Buildings between 25,000-50,000 cubic feet = $1,000
Buildings over 50,000 cubic feet = $2,000

In the event of a default by the applicant concerning any of the terms or conditions of the demolition permit or any other provisions of the City of Menasha Building code, said certified check shall be used by the City to complete the demolition work.

Insurance
A Certificate of Liability Insurance **and** Endorsement with a liability limit of not less then $1,000,000 listing the City of Menasha as an additional insured must be provided.

Time Limitation of Permit
Permit is valid for 30 days.

The Building Inspector may issue, in writing, a 10 day extension of these time limits upon receiving, in writing, good and sufficient reason for such time extensions. No more than two extensions shall be permitted.

Fencing Required
All residential, industrial and commercial demolition building sites shall be adequately and securely fenced. The method of enclosure, as well as the fencing material used, shall be approved by the Building Inspector.

Lot Maintenance (Any settling after the razing shall be filled & restored to finished grade)
Whenever a building is demolished or removed, the premises shall be maintained free from all unsafe or hazardous conditions by the proper regulation of the lot, the restoration of established grades and the erection of the necessary retaining walls and fences in accordance with applicable ordinances.

Erosion Control Required (Permit required for erosion control)
An erosion control plan must be submitted with the permit application to building inspection & public works/engineering.

Water Utility Disconnect
Contact the water utility which provides water service to the property for specific instructions on disconnecting the water supply. Depending upon the location of the property, service may be provided by the Waverly Sanitary District, Menasha Water Utility, or the Village of Fox Crossing Utility District. ***Failure to properly disconnect will result in forfeiture of certified check.***

Commercial Razes
DNR notice of intent is required. Contact Todd Drew Health department at 967-3522

Diggers Hotline
Wisconsin Statute 182.0175 requires every excavator and everyone who is responsible for planning non-emergency excavations to provide advance notice of at least three business days to Diggers Hotline. 811 or 800-242-8511

Well Abandonment
Must be completed by a well driller, or pump installer. Submit abandonment report to state no later than 30 days of well abandonment. (Submit form 3300-005 with DNR)

City of Menasha Noise and Dust Ordinances

Construction or repair of buildings. The erection (including excavation), demolition, alteration or repair of any building, as well as the operation of any pile driver, steam shovel, pneumatic hammer, derrick, steam or electric hoist, or any other similar equipment attended by loud or unusual noise, other than between the hours of 7:00 a.m. and 10:00 p.m. on weekdays; provided, however, the Building Inspector shall have the authority, upon determining that the loss of inconvenience which would result to any party in interest would be extraordinary and of such nature as to warrant special consideration, to grant a permit for a period necessary within which time such work and operation may take place within the hours of 10:00 p.m. to 7:00 a.m.

DUST CONTROL. (1) Applicability. When applicable, this Subsection shall govern all lots except those zoned and used for one (1) and two (2) family dwellings. (2) Specifics. Each person, partnership or corporation owning such a lot shall conduct his business in such a manner as to avoid unnecessary inconvenience and annoyance to the neighboring property owners. That person, partnership or corporation shall take all practical measures to reduce to the utter minimum dust pollution in the area. Said measures shall include, but not be limited to, blacktopping, seal coating, oiling, seeding or any other measures suggested by the Director of Public Works. The Director of Public Works is hereby ordered and directed to make the necessary recommendations to the offending property owner taking into consideration the type of activity permitted on the lot, amount of traffic and all other conditions associated with the business. Should the aggrieved property owner feel that such order, after being delivered in writing, is unfair or impractical, he may appeal the order of the Director of Public Works to the Board of Public Works. All orders of the Director of Public Works shall be in writing and delivered by certified mail. Property owners shall be given thirty (30) days in which to comply. An appeal from any order, however, must be made to the Board of Public Works within ten (10) days of the delivery of the certified letter. (3) Duties of Owners. The owner of any lot shall at all times maintain the premises free of litter, provided, however, that this Section shall not prohibit the storage of litter in authorized private receptacles for collection. (4) Notice to Offending Property Owner. The Health Officer is hereby authorized and Updated: 7/7/2011 empowered to notify the owner by certified mail to properly dispose of litter located on such owner's property which is dangerous to the public health, safety or welfare

Photos

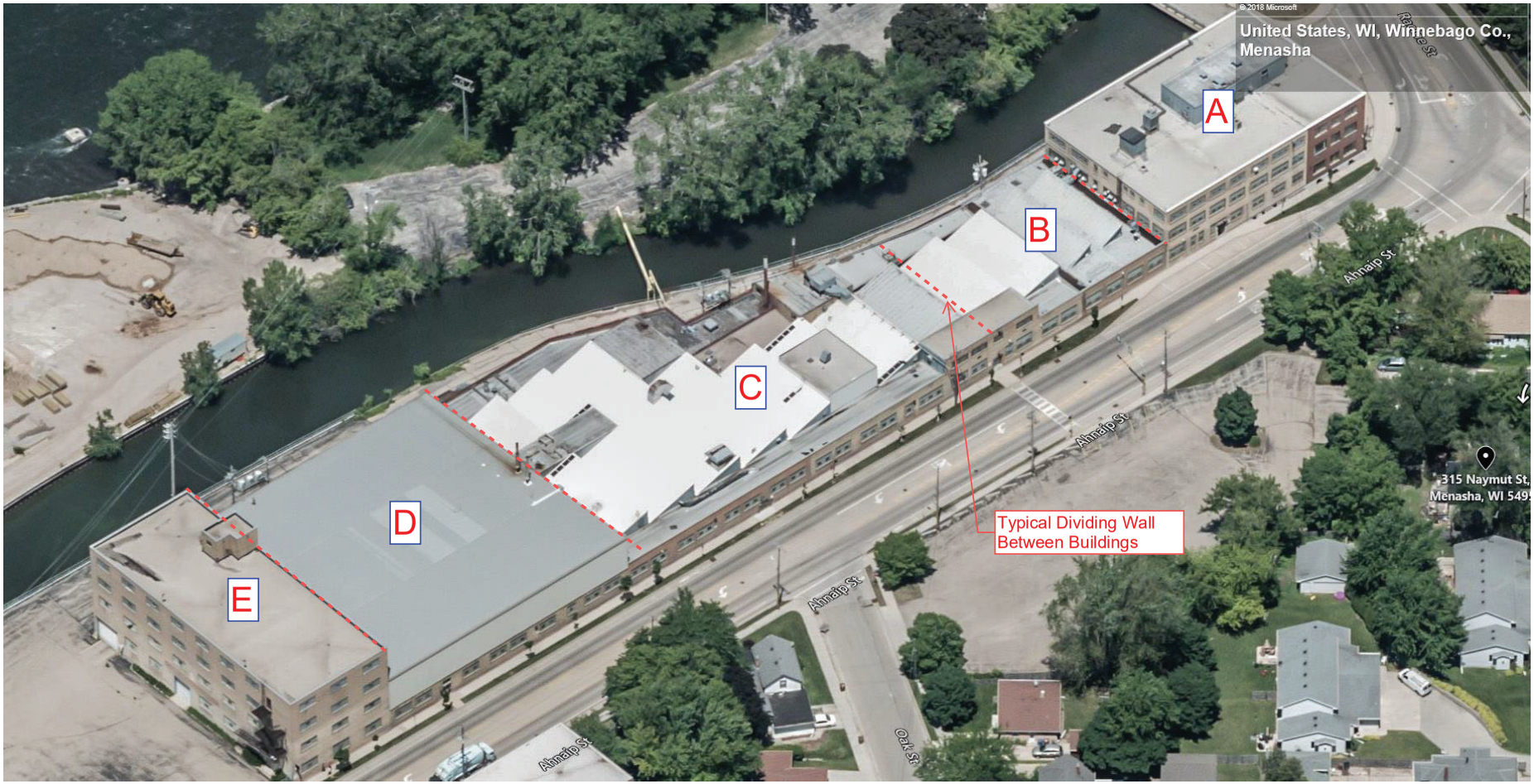


Exhibit 1 - Bird's Eye Aerial View

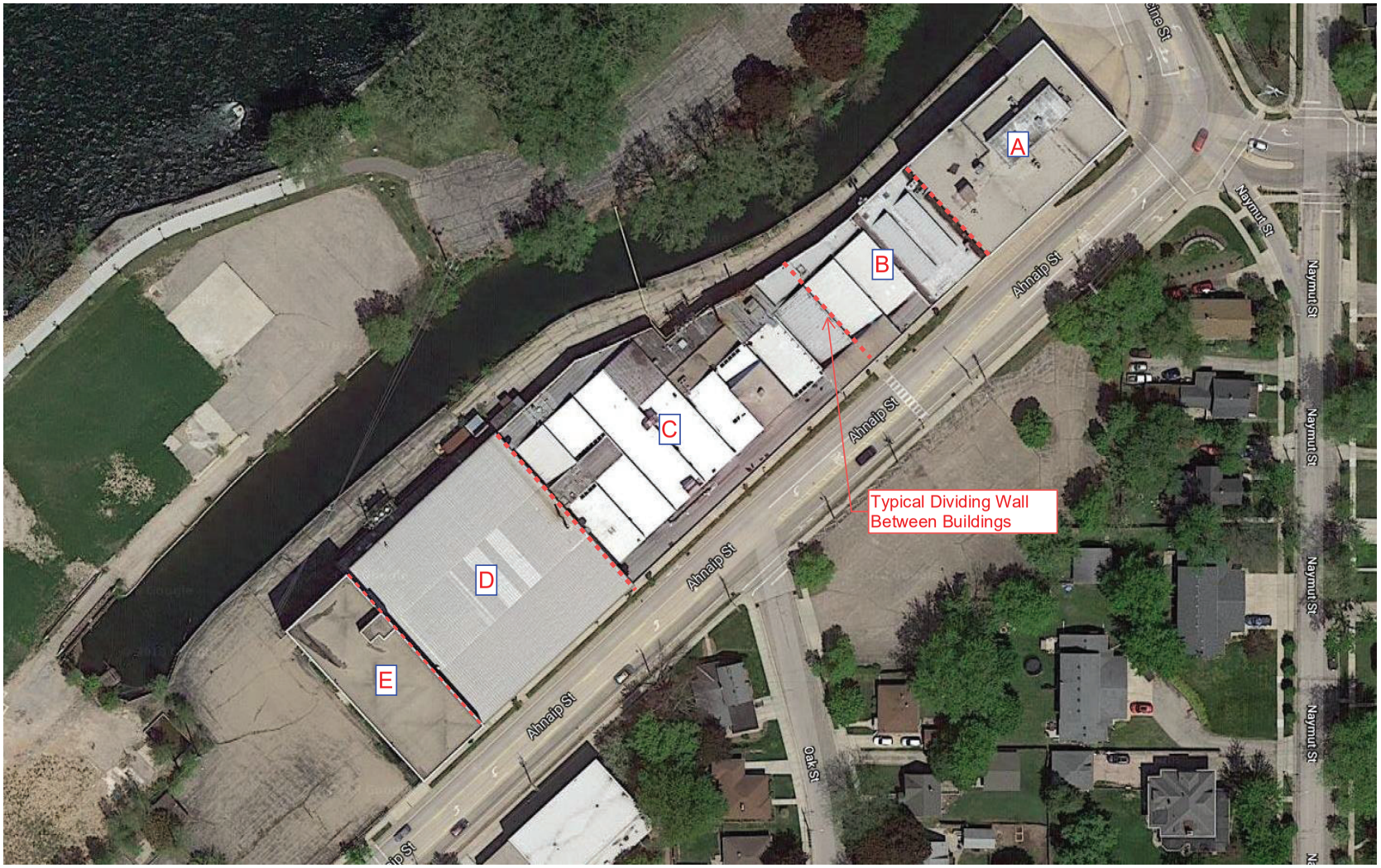


Exhibit 2 - Aerial Plan View

Notes:

1. Letters correspond to building designations referenced in letter.
2. Floor area in square feet is indicated for each building.
3. Buildings A and E have multiple floors, as indicated.
4. Total building complex has 137,115 SF of floor area.

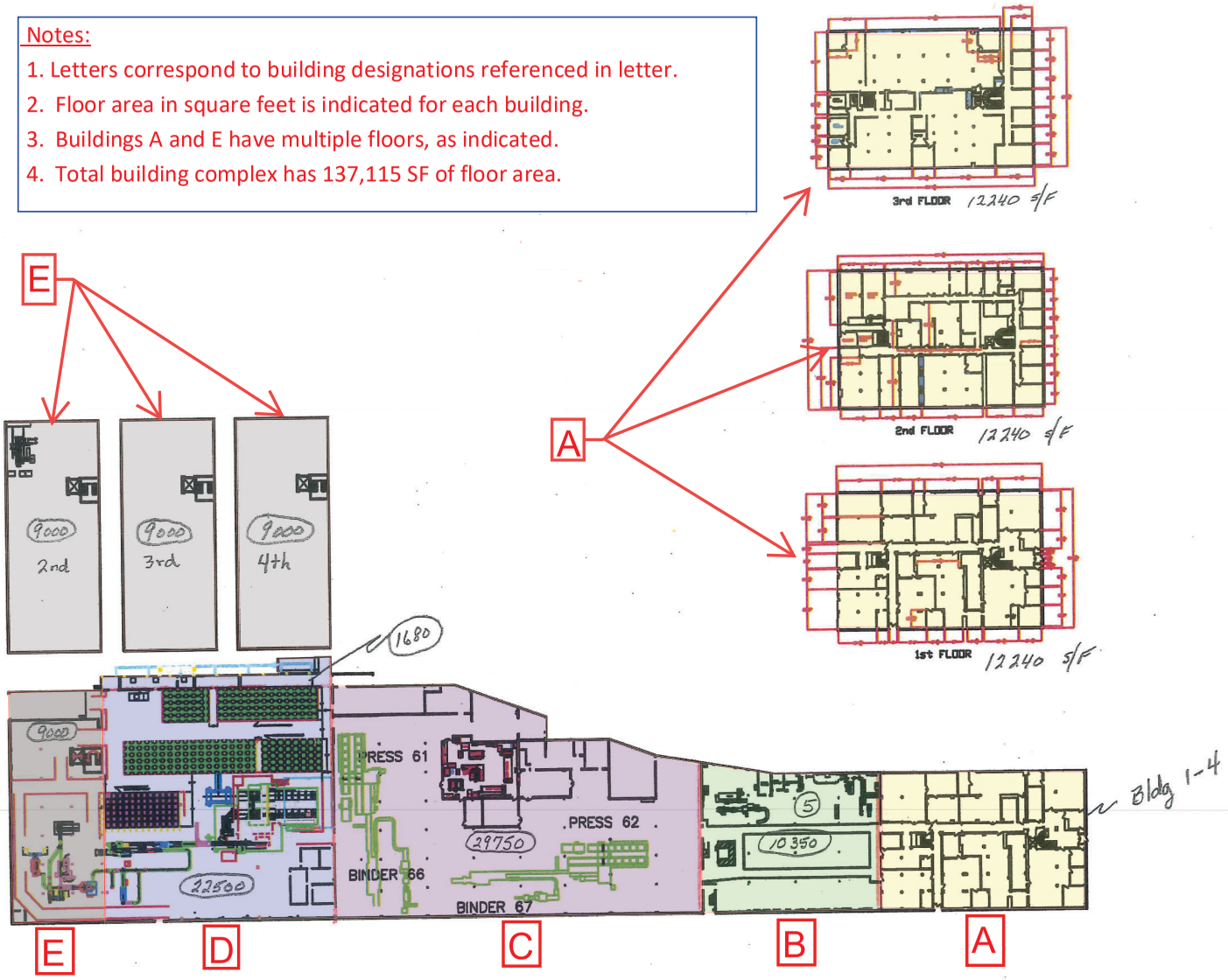


Exhibit 3 - Floor Plan - Overall Building Complex

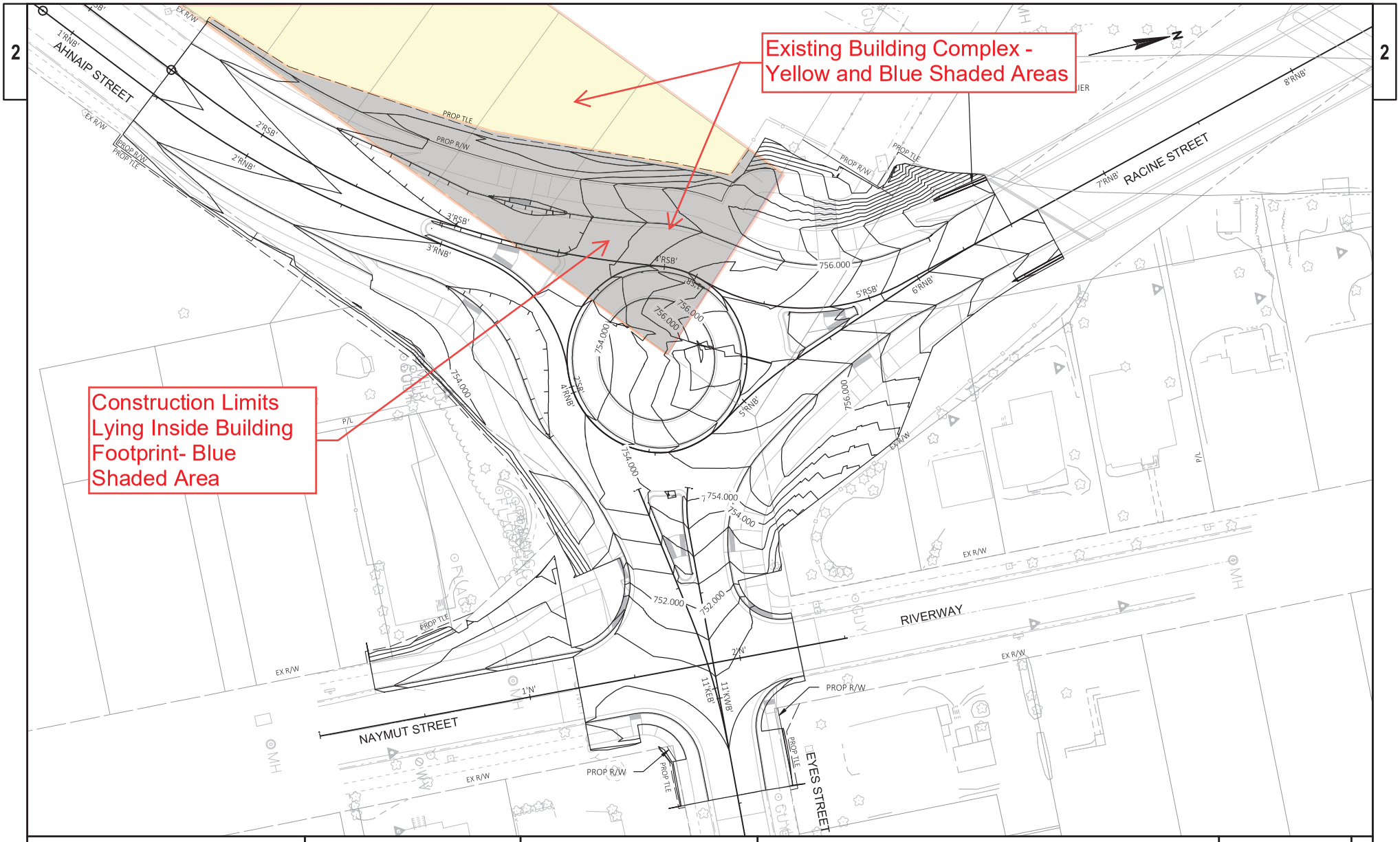
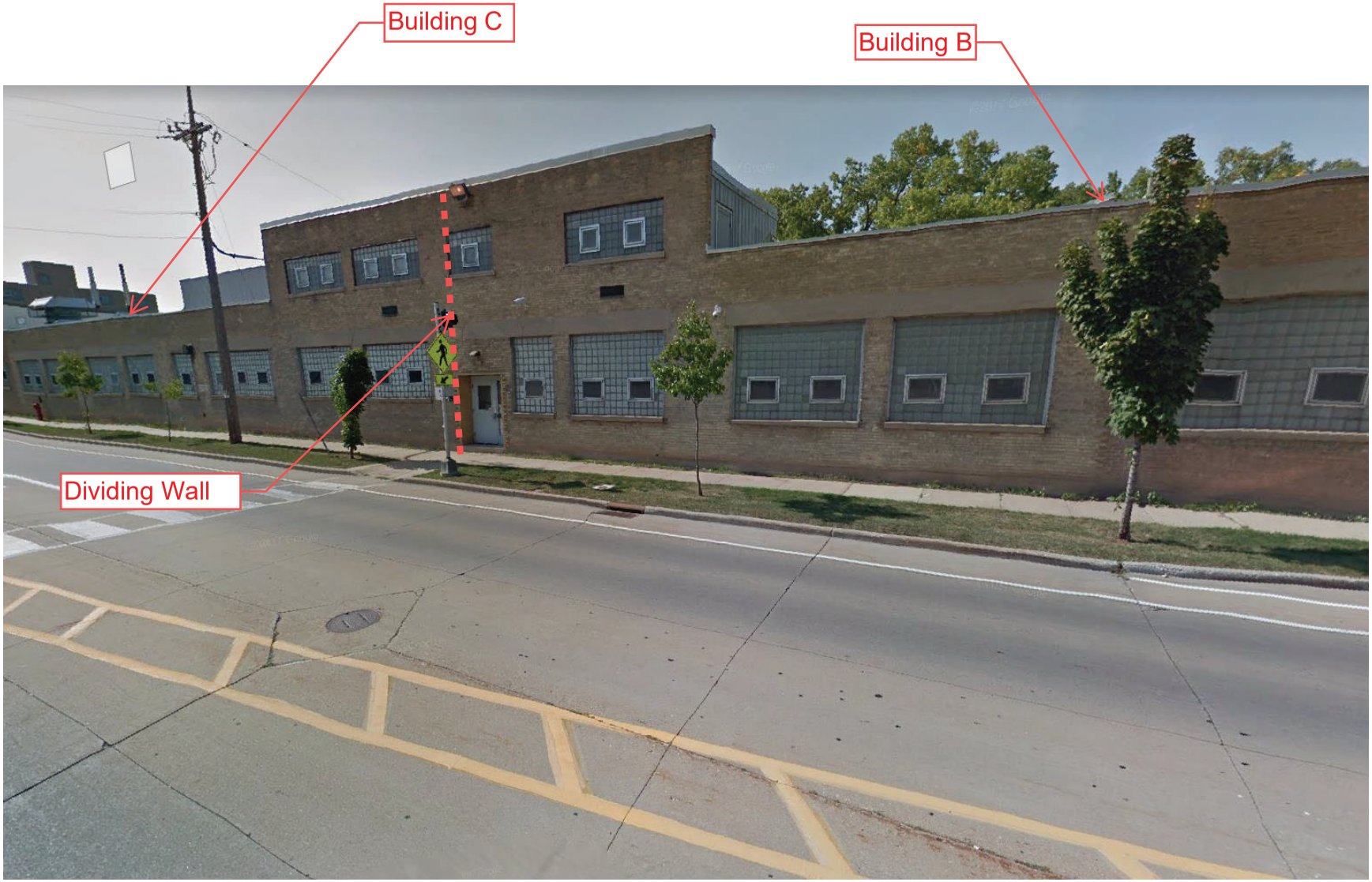


Exhibit 4 - Proposed Street Improvements Affecting Building

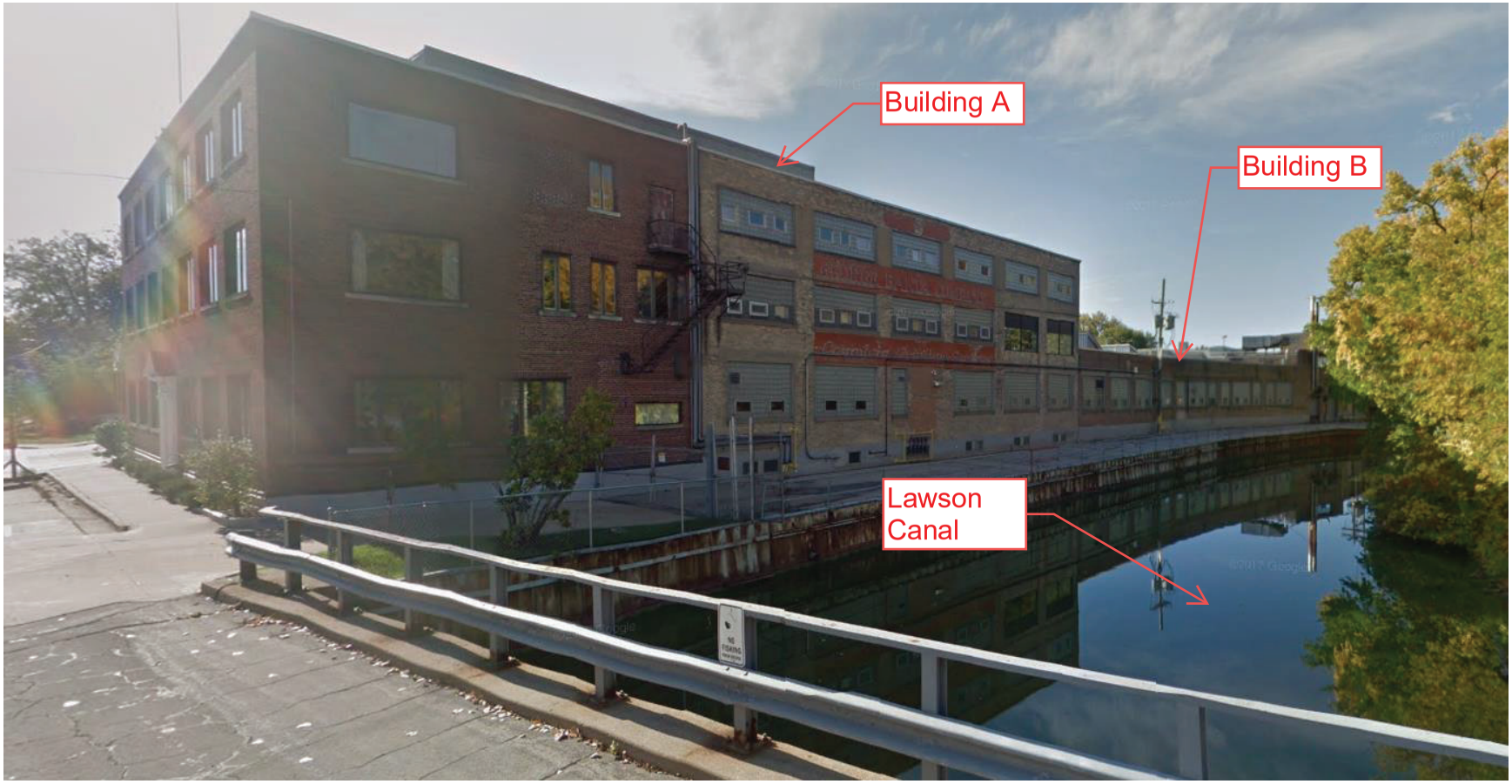
Street View 1 - Buildings A and B



Street View 2 - Buildings B and C

Street View 3 - Buildings C and D

Street View 4 - Buildings D and E



Street View 5 - Buildings A and B Along Canal

Photo 1 - Building B Looking Northeast

Photo 2 - Building B Looking Southwest

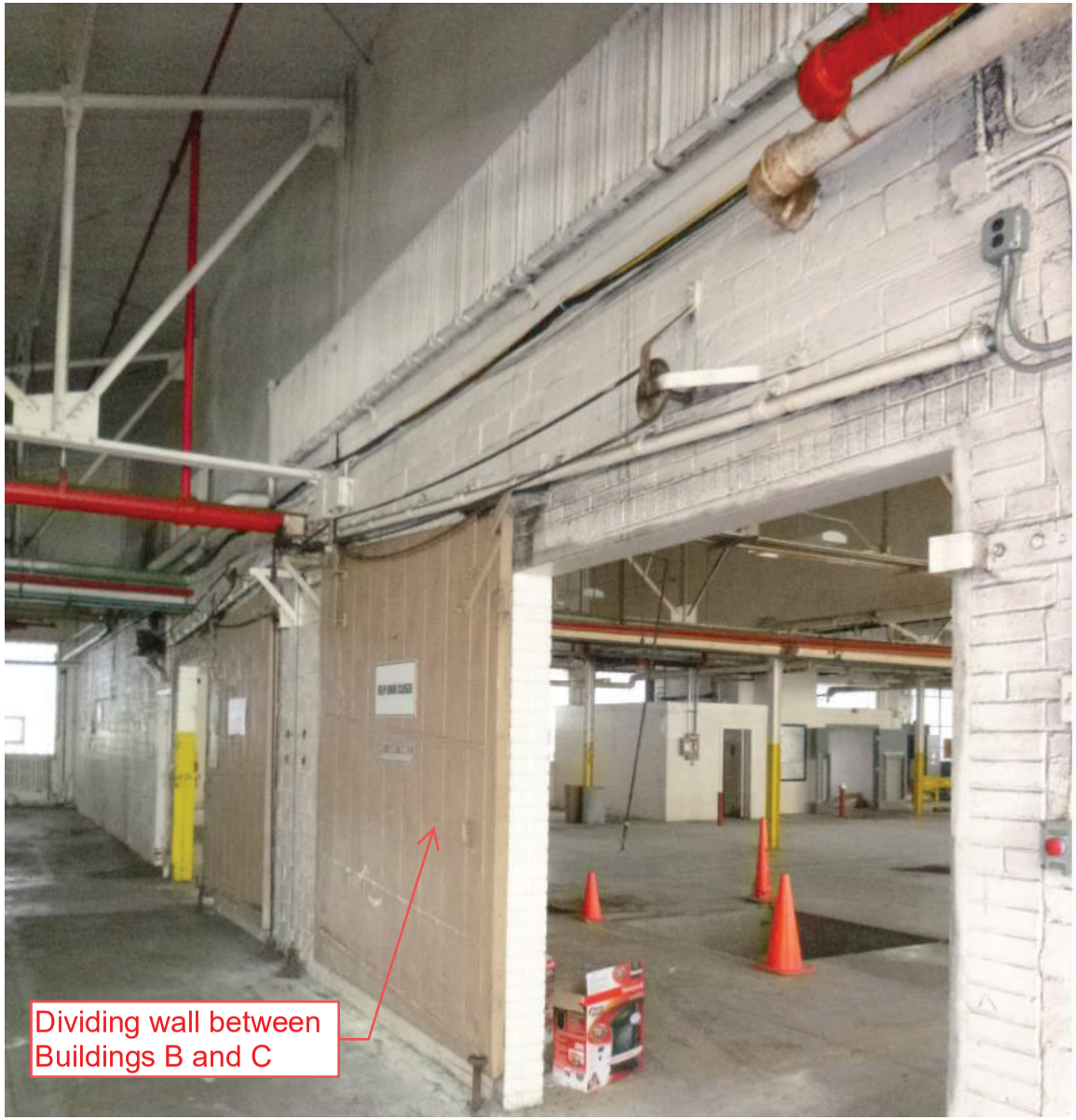


Photo 3 - From Building C Looking into Building B

Photo 4 - On Building B Roof Looking at Building A

Photo 5 - On Building B Roof Looking at Dividing Wall

Photo 6 - On Building B Roof Looking Westerly at 2nd Floor Penthouse

Photo 7 - On Building B Roof Looking Westerly

Photo 8 - In Building B Looking Towards Building A

Photo 9 - In Building C Looking Towards Building D

Photo 10 - In Building D Looking Towards Building C

Photo 11 - In Building D Looking Towards Building E

Photo 12 - In Building E Looking Southeast

Project Plans

PROJECT ID: 4992-03-21
WITH: N/A

COUNTY: WINNEBAGO

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

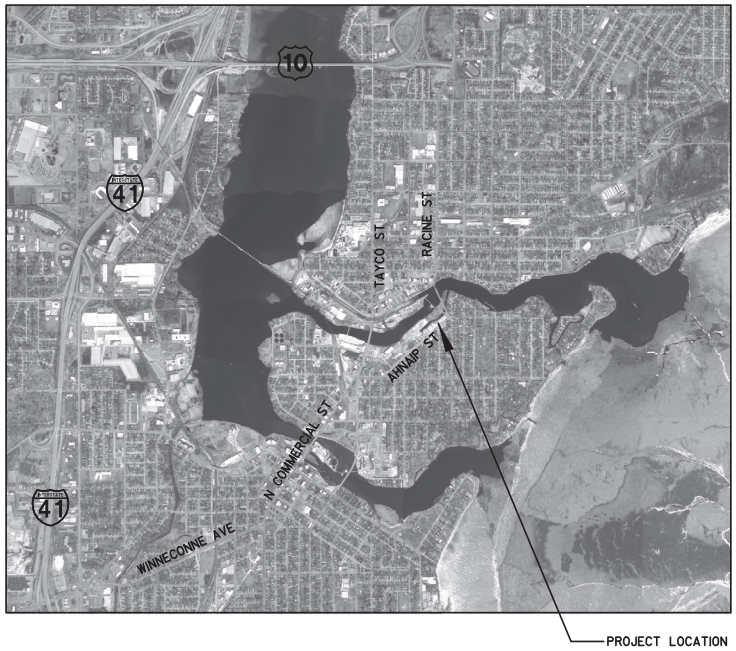
BANTA BUILDING PARTIAL RAZE AND REMOVAL PARCEL #1

RACINE STREET BRIDGE, CITY OF MENASHA
FOX RIVER BRIDGE AND APPROACHES

LOCAL STREET
WINNEBAGO COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
4992-03-21		

STATE PROJECT NUMBER
4992-03-21



CONVENTIONAL SYMBOLS

PLAN
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE
- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES
- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

LAYOUT
SCALE 0 1 MI.

ACCEPTED FOR THE CITY OF MENASHA

DATE: _____ _____ (Signature)

ORIGINAL PLANS PREPARED BY:

STRAND ASSOCIATES®
910 West Wingra Drive
Madison, WI 53715
608 251-4843
608 251-8655 FAX
www.strand.com

WISCONSIN PROFESSIONAL ENGINEER
DAVID D. RICE
E-24137
MADISON
WI
1/14/2020

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY
- Surveyor
- Designer: STRAND ASSOCIATES
- Project Manager: ABIGAIL RINGEL
- Regional Examiner
- Regional Supervisor: CURTIS VAN EREM
- C.O. Examiner

APPROVED FOR THE DEPARTMENT

DATE: _____ _____ (Signature)

E

GENERAL NOTES

1. PROJECT INCLUDES RAZING AND REMOVAL OF BUILDINGS A, B, AND C OF THE FORMER BANTA PUBLISHING COMPANY/ RR DONNELLEY PROPERTIES FACILITY LOCATED ON 460 AHNAIP STREET AND OWNED BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION. BUILDINGS D AND E, OWNED BY THE REDEVELOPMENT AUTHORITY OF THE CITY OF MENASHA (RDA), ARE TO REMAIN IN PLACE. SEE RAZING AND REMOVAL DRAWING FOR BUILDING LOCATIONS AND LABELS. SEE SPECIAL PROVISIONS FOR PROJECT REQUIREMENTS. SEE EXISTING BUILDING FLOOR PLANS AND FOUNDATION PLANS INCLUDED WITH THE CONTRACT DOCUMENTS FOR BUILDING LAYOUTS.

2. EXISTING MASONRY WALL, COLUMNS, DOORS, METAL BUILDING FRAMING, AND METAL SIDING ALONG THE COMMON WALL BETWEEN BUILDINGS C AND D SHALL REMAIN IN PLACE. ADDITION OF X-BRACING TO THE EXISTING BUILDING D METAL BUILDING FRAMING, AND CONSTRUCTION OF MODIFICATIONS TO WALL AND WALL CLADDING TO RENDER BUILDING D WEATHER-TIGHT WILL BE DESIGNED BY RDA'S ENGINEERING CONSULTANT AND PROVIDED BY A CONTRACTOR HIRED BY THE RDA. RAZE AND REMOVAL CONTRACTOR SHALL TEMPORARILY BRACE MASONRY WALL. SEE RAZING AND REMOVAL SHEET FOR DETAILS. COORDINATE REMOVAL OF BUILDING C WITH WORK BEING PERFORMED BY RDA'S CONTRACTOR. NEW WALL BRACING SHALL BE IN PLACE PRIOR TO REMOVAL OF THE BUILDING C ROOF, WHICH CURRENTLY HELPS BRACE THE WALL.

3. REFER TO PROJECT RIGHT-OF-WAY PLAT FOR PROPERTY BOUNDARIES, EXISTING AND NEW RIGHT-OF-WAY, AND TEMPORARY AND PERMANENT EASEMENT BOUNDARIES. CONTRACTOR SHALL RESTRICT ITS OPERATIONS TO THE RIGHT-OF-WAY AND EASEMENT AREAS WHILE ALSO MAINTAINING TRAFFIC ON ADJOINING STREETS.

4. COORDINATE WITH ALL UTILITY COMPANIES FOR THE DISCONNECTION OF UTILITIES PRIOR TO RAZING AND REMOVAL OPERATIONS. UTILITY CONTACTS ARE PROVIDED ON THIS DRAWING. SEE RAZING AND REMOVAL DRAWING AND SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION. DRAWINGS OF EXISTING UTILITIES (STORM, SANITARY, ELECTRIC, WATER) ARE AVAILABLE FROM THE UTILITY COMPANIES AND ARE INCLUDED IN THE CONTRACT DOCUMENTS.

5. FOUNDATIONS AND BASEMENTS (WALLS AND FLOORS) FOR BUILDINGS A, B, AND C SHALL BE COMPLETELY REMOVED AND BACKFILLED WITH CLEAN ON-SITE EXCAVATED SOIL OR CLEAN IMPORTED GRANULAR FILL. MENASHA UTILITIES WATER DEPARTMENT MAY HAVE SOURCES OF FREE AVAILABLE FILL MATERIAL. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. BUILDINGS A AND C HAVE PARTIAL BASEMENTS. SEE EXISTING FOUNDATION DRAWING FOR EXTENT OF BASEMENTS AND FOUNDATION WALLS.

6. THE PROJECT ENVIRONMENTAL SERVICES CONSULTANT WILL BE ON SITE DURING THE COURSE OF EXCAVATION TO EVALUATE EXCAVATED SOILS AND DETERMINE IF ANY MATERIAL IS POTENTIALLY CONTAMINATED. SEE SPECIAL PROVISIONS FOR EXCAVATION AND TEMPORARY STOCKPILING OF CONTAMINATED SOIL FOR, LOADING, HAULING AND DISPOSAL BY OTHERS, AND FOR REQUIREMENTS PERTAINING TO GROUNDWATER DISCHARGE AND DISPOSAL.

7. AN ASBESTOS INSPECTION, PHASE 1 ENVIRONMENTAL SITE ASSESSMENT, AND PHASE 2.5 SUBSURFACE INVESTIGATION HAVE BEEN PERFORMED FOR THIS PROJECT. REPORTS OF THESE INSPECTIONS/ASSESSMENTS ARE INCLUDED IN THE CONTRACT DOCUMENTS. THESE REPORTS IDENTIFY ASBESTOS-CONTAINING MATERIALS AND SOIL AND GROUNDWATER CONTAMINATION PRESENT ON THE SITE.

8. CONTRACTOR IS RESPONSIBLE FOR REMOVING, PACKAGING, LOADING, HAULING AND PROPERLY DISPOSING OF ALL BUILDING MATERIALS, ALL BUILDING CONTENTS, EXCAVATED SOIL AND FOUNDATIONS, INCLUDING ASBESTOS-CONTAINING MATERIALS, UNIVERSAL WASTES, CHLOROFLUOROCARBONS (CFC'S) AND ELECTRONIC WASTE (E-WASTES). SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.

9. ERECT TEMPORARY FENCING AROUND PERIMETER OF BUILD A, B, AND C AND MAINTAIN FOR DURATION OF CONSTRUCTION. SEE SPECIAL PROVISIONS FOR REQUIREMENTS.

10. COMPLY WITH CITY OF MENASHA WORK HOUR, NOISE AND DUST ORDINANCES FOR THE PROJECT DURATION. COPY OF ORDINANCE IS INCLUDED AS EXHIBIT IN SPECIAL PROVISIONS.

11. SEE RESTORATION DRAWING AND SPECIAL PROVISIONS FOR RESTORATION REQUIREMENTS FOLLOWING RAZING AND REMOVAL.

GENERAL NOTES CONT.

12. SEE RAZING AND REMOVAL SHEET FOR ITEMS TO BE SALVAGED PRIOR TO RAZING AND REMOVAL.

13. PROVIDE STONE TRACKING PADS AT LOCATIONS WHERE TRUCKS EXIT THE CONSTRUCTION SITE ONTO PUBLIC STREETS. SEE STANDARD DETAIL "TRACKING PAD" INCLUDED AS EXHIBIT IN SPECIAL PROVISIONS.

14. WISDOT'S HAZARDOUS MATERIALS CONSULTANT WILL SCREEN FOR AND ARRANGE FOR THE REMOVAL, PACKAGING, LOADING, HAULING, AND DISPOSING OF ANY HAZARDOUS MATERIAL (OTHER THAN UNIVERSAL WASTES AND E-WASTES) ENCOUNTERED ON SITE.

15. CONTRACTOR SHALL OBTAIN AND PAY FOR RAZING AND REMOVAL AND STREET OCCUPANCY PERMITS FROM THE CITY OF MENASHA AND COMPLY WITH ALL PERMIT REQUIREMENTS. RAZE AND REMOVAL PERMIT SHOULD ADDRESS REQUIREMENTS RELATED TO BLASTING, IF PERMITTED.

16. CONTRACTOR MAY ATTEMPT TO MAKE ARRANGEMENTS WITH THE CITY OF MENASHA RDA TO REQUEST USE OF PARKING LOT ACROSS THE STREET FROM BUILDING C FOR USE AS CONTRACTOR EMPLOYEE PARKING AND TEMPORARY MATERIAL STORAGE/CONSTRUCTION STAGING. AVAILABILITY OF THIS AREA IS NOT GUARANTEED AND MUST BE ARRANGED WITH THE CITY.

17. SEE TRAFFIC AND PEDESTRIAN CONTROL SHEET FOR SIDEWALK CLOSURES AND TRAFFIC/PEDESTRIAN SIGNAGE.

18. SEE DETAIL ON RESTORATION AND EASEMENTS SHEET FOR ROADWAY CLEAR ZONE REQUIREMENT ALONG AHNAIP STREET. PROVIDE TEMPORARY SHORING AS NEEDED TO PROVIDE OSHA APPROVED EXCAVATED SLOPE OUTSIDE THE CLEAR ZONE.

UTILITY CONTACTS

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SCOTT MAURER
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KATHIE VAN PRICE - REGIONAL ENVIRONMENTAL COORDINATOR
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JAY SCHIEFELBEIN - DNR AREA LIAISON
DEPARTMENT OF NATURAL RESOURCES
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GREEN BAY, WI 54313-6727
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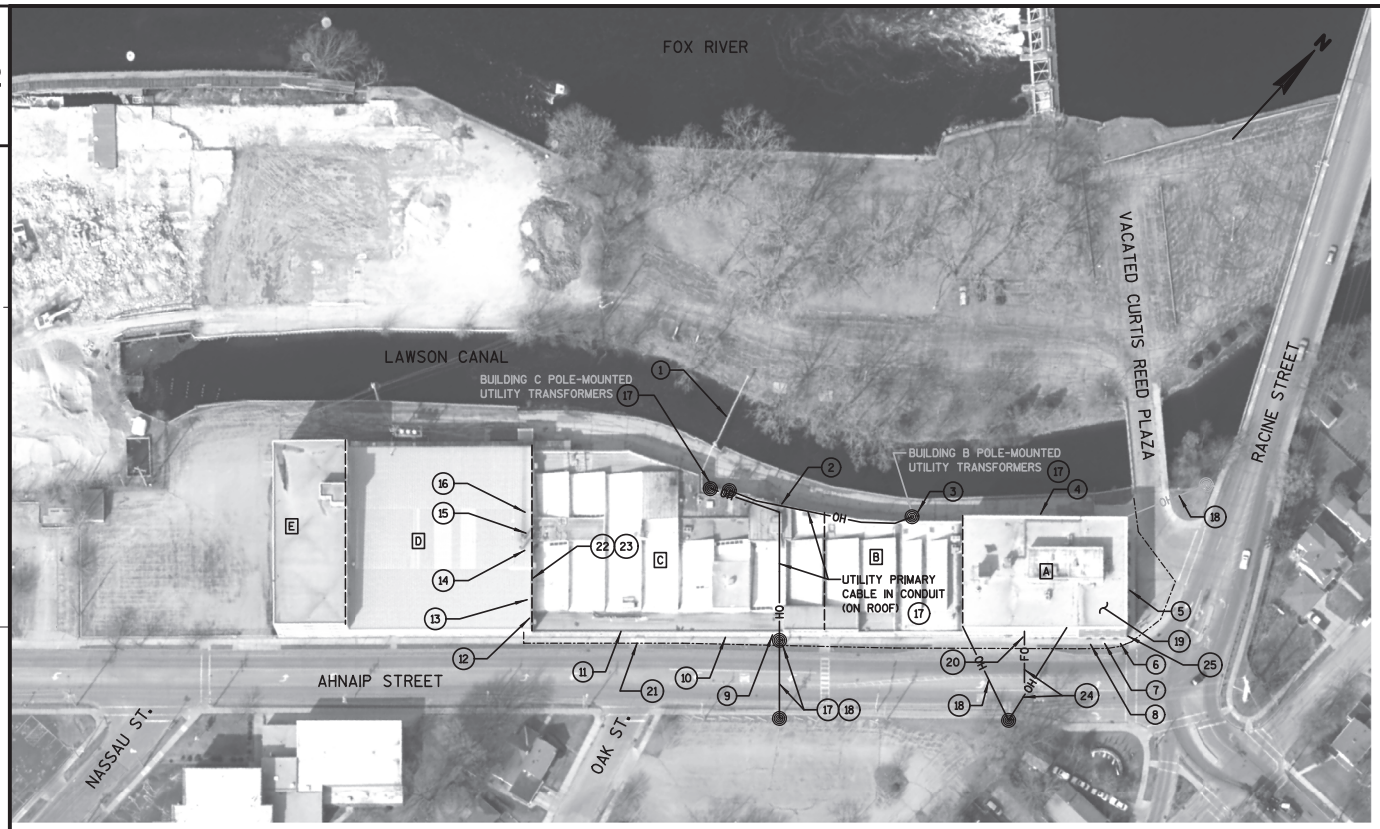
DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

PROJECT NO: 4992-03-21	HWY: RACINE STREET	COUNTY: WINNEBAGO	GENERAL NOTES AND CONTACTS	SHEET	E



GENERAL NOTES

1. RAZE AND REMOVE BUILDINGS A, B, AND C. BUILDINGS D AND E SHALL REMAIN.
2. SEE UTILITY SPECIAL PROVISIONS SECTION FOR ADDITIONAL UTILITY DISCONNECTION REQUIREMENTS.
3. A CITY OWNED SANITARY SEWER MAIN IS ROUTED BELOW BUILDING B AND INCLUDES CONNECTIONS FROM BUILDINGS BEING DEMOLISHED. MAIN SHALL REMAIN. PROVIDE CAP AT REMOVED LATERALS.
4. SEE RESTORATION SHEET FOR RIGHT-OF-WAY AND EASEMENT LIMITS FOR CONSTRUCTION OPERATIONS.

LEGEND

- [X] EXISTING BUILDING LABEL
- TEMPORARY CONSTRUCTION FENCING
- —OH— OVERHEAD ELECTRIC/TELEPHONE
- —FO— FIBER OPTIC

KEY NOTES

(1) REMOVE CONDUIT, WIRE, BACKUP FUEL PIPING, SUPPORTS AND ALL ACCESSORIES FROM ACROSS CANAL BACK TO BUILDING. PIPE SUPPORT STRUCTURE TO REMAIN.

(2) REMOVE THREE STORM DRAIN LATERALS INSIDE BUILDING THAT DRAIN TO LAWSON CANAL. PROVIDE MINIMUM 6-INCH THICK CMU OR CONCRETE BULKHEAD INSIDE PIPES JUST OUTSIDE BUILDING.

(3) REMOVE STORM DRAIN LATERAL INSIDE BUILDING THAT DRAINS TO LAWSON CANAL. PROVIDE MINIMUM 6-INCH THICK CMU OR CONCRETE BULKHEAD INSIDE PIPES JUST OUTSIDE BUILDING.

(4) REMOVE TWO STORM DRAIN LATERALS INSIDE BUILDING THAT DRAIN TO LAWSON CANAL. PROVIDE MINIMUM 6-INCH THICK CMU OR CONCRETE BULKHEAD INSIDE PIPES JUST OUTSIDE BUILDING.

(5) REMOVE WATER SERVICE LATERAL THAT RUNS FROM NORTHEAST WALL OF BUILDING A TO MAIN IN STREET. CUT AND CAP PIPE AT A LOCATION BETWEEN OUTSIDE OF BUILDING AND BACK OF CURB.

(6) REMOVE STORM DRAIN LATERAL THAT EXISTS EAST CORNER OF BUILDING A. REMOVE LOCATION BETWEEN BUILDING AND BACK OF CURB. PROVIDE MINIMUM 6-INCH THICK CMU OR CONCRETE BULKHEAD INSIDE PIPE AT REMOVAL LOCATIONS.

(7) REMOVE SANITARY DRAIN LATERAL THAT RUNS FROM SOUTHEAST WALL OF BUILDING TO MAIN IN STREET. CUT AND CAP PIPE AT A LOCATION BETWEEN OUTSIDE OF BUILDING AND BACK OF CURB.

(8) COORDINATE WITH THE CITY OF MENASHA REGARDING THE PIPE WHICH ENTERS THE BUILDING IN THE BASEMENT CHILLER ROOM ON THE SOUTHEAST WALL OF BUILDING A TO DETERMINE PIPE USE AND EXTENT OR REMOVAL. THE EXISTING PIPE IS SHOWN ON THE EXISTING BUILDING FOUNDATION DRAWING.

(9) REMOVE FIRE PROTECTION WATER SERVICE LATERAL THAT RUNS FROM SOUTHEAST WALL OF BUILDING C TO MAIN IN STREET. CUT AND CAP PIPE AT A LOCATION BETWEEN OUTSIDE OF BUILDING AND BACK OF CURB.

(10) REMOVE FIRE HYDRANT FROM EXTERIOR SIDE OF SOUTHEAST WALL OF BUILDING C. CUT AND CAP PIPE AT A LOCATION BETWEEN OUTSIDE OF BUILDING AND BACK OF CURB.

(11) COORDINATE REMOVAL OF NATURAL GAS METER AND BRANCH PIPING FROM MAIN TO BUILDING WITH NATURAL GAS UTILITY. ALL OTHER NATURAL GAS PIPING SHALL BE REMOVED.

(12) REMOVE THE NATURAL GAS PIPE FROM 24" INSIDE OF BUILDING D BACK TO BUILDING C. PROVIDE CAP ON REMAINING PIPE IN BUILDING D.

(13) REMOVE THREE FIRE PROTECTION PIPES FROM 24" INSIDE OF BUILDING D BACK TO BUILDING C. PROVIDE CAPS ON REMAINING PIPE IN BUILDING D.

(14) REMOVE THE STEAM PIPE FROM 24" INSIDE OF BUILDING D BACK TO BUILDING C. PROVIDE CAP ON REMAINING PIPE IN BUILDING D.

(15) REMOVE THE WATER PIPE FROM 24" INSIDE OF BUILDING D BACK TO BUILDING C. PROVIDE CAP ON REMAINING PIPE IN BUILDING.

(16) REMOVE THE STORM PIPE SERVING A ROOF DRAIN IN BUILDING C INTO BUILDING D. PROVIDE CAP ON REMAINING PIPE IN BUILDING D.

(17) COORDINATE REMOVAL OF ELECTRICAL UTILITY TRANSFORMERS AND OVERHEAD ELECTRICAL UTILITY SERVICES BACK TO UTILITY POLES ON THE SOUTH SIDE OF AHNAIP STREET WITH MENASHA UTILITIES.

(18) COORDINATE REMOVAL OF OVERHEAD/PHONE/ COMMUNICATIONS UTILITY SERVICES WITH MENASHA UTILITIES.

(19) CAREFULLY REMOVE AND SALVAGE FOR OWNER IN AN UNDAMAGED CONDITION THE STEEL VAULT DOOR LOCATED IN THE FORMER CONFERENCE ROOM ON FIRST FLOOR. SEE PHOTO INCLUDED WITH PS&E PACKAGE.

(20) CAREFULLY REMOVE AND SALVAGE FOR OWNER IN AN UNDAMAGED CONDITION THE PRECAST CONRETE SIGN THAT READS "GEORGE BANTA PUBLISHING COMPANY" AND IS LOCATED ON THE SOUTH ENTRANCE TO BUILDING A. SEE PHOTO INCLUDED WITH CONTRACT DOCUMENTS.

(21) TEMPORARY SITE SECURITY FENCING LOCATED BEHIND CURB LINE. SEE SPECIAL PROVISIONS.

(22) PROVIDE TEMPORARY BRACING FOR THE MASONRY WALL ALONG THE BOUNDARY BETWEEN BUILDINGS C AND D PRIOR TO REMOVAL OF THE BUILDING C ROOF STRUCTURE. BRACING SHALL BE SUFFICIENT TO WITHSTAND WISCONSIN COMMERCIAL BUILDING CODE PRESCRIBED WIND PRESSURES ON THE MASONRY WALL AND SHALL REMAIN IN-PLACE UNTIL IT IS REMOVED AND REPLACED WITH THE PERMANENT WALLS SYSTEM BY THE CITY OF MENASHA'S RESTORATION CONTRACTOR FOLLOWING REMOVAL OF BUILDING C. BRACING SYSTEM SHALL BE DESIGNED BY A WISCONSIN LICENSED PROFESSIONAL ENGINEER.

(23) ALL ITEMS MOUNTED ON THE BUILDING C SIDE OF THE DIVIDING WALL BETWEEN BUILDINGS C AND D SHALL BE REMOVED, UNLESS NOTED OTHERWISE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, ALL SIGNS, CONDUIT WIRE, CABLING, PIPING, BOXES, BRACKETS, ELECTRICAL DEVICES, AND APPURTENANCES.

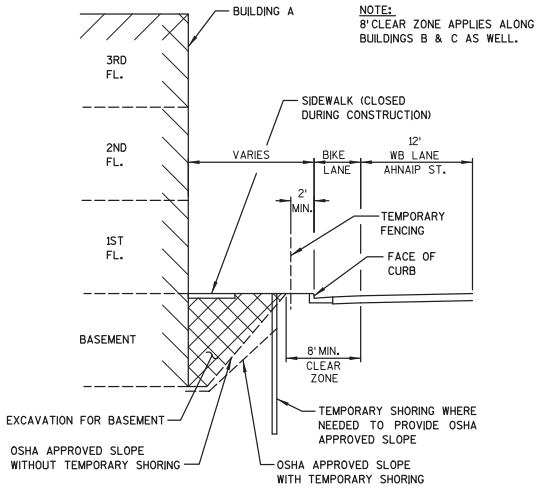
(24) COORDINATE REMOVAL OF OVERHEAD/UNDERGROUND PHONE/COMMUNICATIONS UTILITY SERVICES WITH AT&T.

(25) COORDINATE REMOVAL OF STREET LIGHT SUPPORT WIRE ANCHORED TO BUILDING CORNER WITH THE CITY OF MENASHA.

PROJECT NO: 4992-03-21	HWY: RACINE STREET	COUNTY: WINNEBAGO	RAZING AND REMOVAL	SHEET	E

GENERAL NOTES

1. SEE PROJECT ID 4992-03-71 DRAWINGS FOR EXTENT OF BRIDGE REPLACEMENT/STREET IMPROVEMENT PROJECT THAT WILL FOLLOW THIS RAZING AND REMOVAL PROJECT.
2. SEE PROJECT RIGHT-OF-WAY PLAT FOR PROPERTY BOUNDARIES, EXISTING AND NEW RIGHT-OF-WAY, AND TEMPORARY AND PERMANENT EASEMENT BOUNDARIES. CONTRACTOR SHALL RESTRICT ITS OPERATIONS OUTSIDE STREET RIGHT-OF-WAY TO THE TEMPORARY AND PERMANENT EASEMENT AREAS SHOWN.
3. ALL SIDEWALKS, TERRACES, CURB AND GUTTER, AND PAVEMENT THAT IS DAMAGED OR REMOVED AS PART OF BUILDING AND FOUNDATION DEMOLITION SHALL BE REPLACED IN-KIND BY THE RAZE AND REMOVAL CONTRACTOR.
4. ALL DISTURBED, NON-PAVED AREAS, AREAS BENEATH AND BEHIND BUILDINGS A, B AND C SHALL BE BACKFILLED TO NEAR EXISTING GRADE, FINISHED GRADED AND SLOPED TO DRAIN, AND RECEIVE TOPSOIL, FERTILIZER (TYPE A), SEED, AND MULCHING. SEE SPECIAL PROVISIONS. THE ASPHALT-PAVED ALLEY BEHIND THE BUILDING COMPLEX SHALL REMAIN IN PLACE BEYOND THE LIMITS OF EXCAVATION.
5. PROVIDE SILT FENCE TO PROTECT PERIMETER OF ALL ROUGH AND FINISH GRADED AREAS. PROVIDE INLET PROTECTION FOR ALL STORM SEWER INLETS IMPACTED BY CONSTRUCTION. COMPLY WITH SECTION 628 OF THE WISDOT STANDARD SPECIFICATIONS AND STANDARD DETAIL DRAWINGS SDD 8E9 8E10 INCLUDED IN THE PS&E PACKAGE.



ROADWAY CLEAR ZONE AT BUILDING A

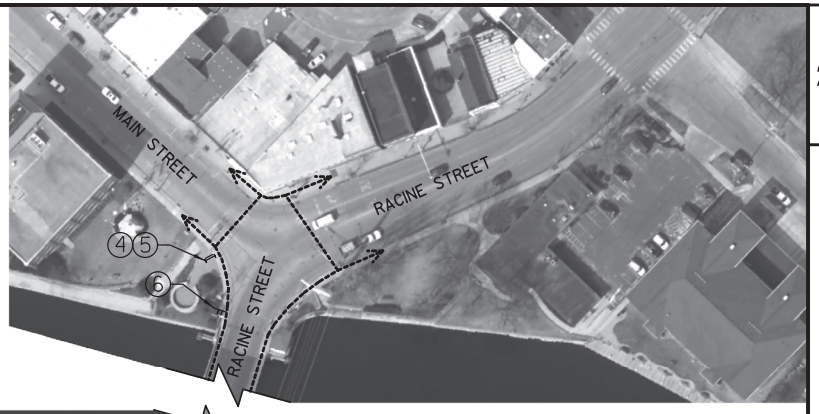
LEGEND

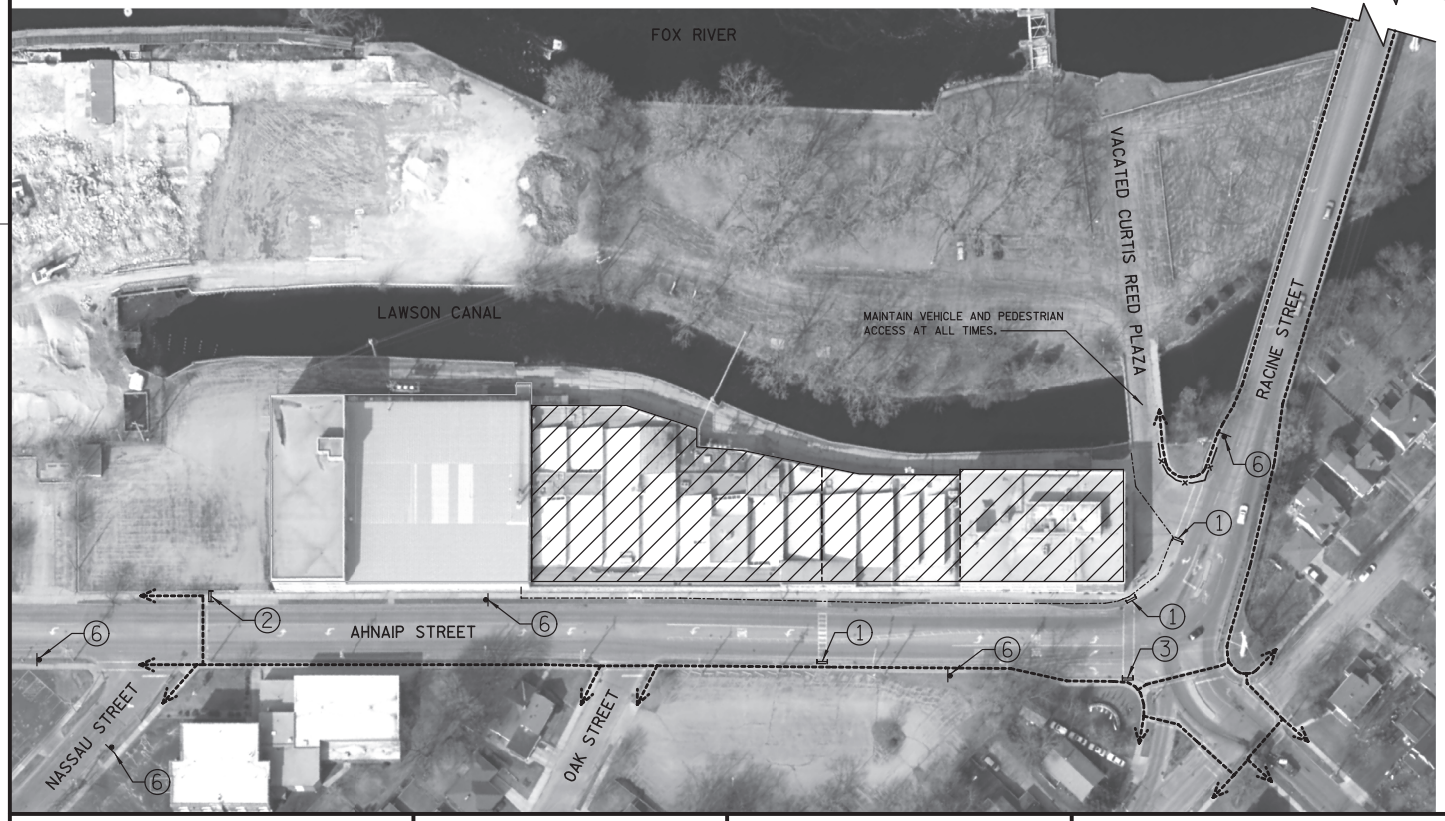
- NEW RIGHT-OF-WAY
- NEW TEMPORARY LIMITED EASEMENT (T.L.E.)
- NEW PERMANENT LIMITED EASEMENT (P.L.E.)
- [X] EXISTING BUILDING LABEL
- TEMPORARY CONSTRUCTION FENCING

PROJECT NO: 4992-03-21	HWY: RACINE STREET	COUNTY: WINNEBAGO	RESTORATION AND EASEMENTS	SHEET	E

GENERAL NOTES FOR TRAFFIC CONTROL

1. THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
2. EXISTING TRAFFIC SIGNS WHICH CONFILCT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.
3. THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
4. ROAD MACHINERY, TRUCK ENTRANCE, FLAGMEN AHEAD, ETC., SIGNS SHALL BE USED AS NEEDED AND SHALL BE REMOVED OR COVERED WHEN THE ACTIVITY OR CONDITION DOES NOT EXIST. NO WARNING LIGHT SHALL BE USED WITH A COVERED SIGN.
5. LOCAL ACCESS SHALL BE MAINTAINED AT ALL TIMES.
6. DETAILS OF TRAFFIC CONTROL NOT SHOWN SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE APPLICABLE SPECIAL PROVISIONS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.





LEGEND

- SIDEWALK AND CROSSWALKS OPEN TO PEDESTRIANS
- TRAFFIC CONTROL BARRICADES TYPE II, W/TRAFFIC CONTROL SIGN
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY CONSTRUCTION FENCING

1. SIDEWALK CLOSED — R9-9, 24" X 12"
2. SIDEWALK CLOSED / CROSS HERE — R9-11A, 24" X 12"
3. SIDEWALK CLOSED AHEAD / CROSS HERE — R9-11, 24" X 12"
4. SIDEWALK CLOSED AHEAD / CROSS HERE — R9-11, 24" X 12"
5. SIDEWALK OPEN TO CURTIS REED PLAZA — R9-10 (MOD.), 24" X 12"
6. TRUCKS ENTERING & LEAVING — W8-6A, 48" X 48"

NOTE: SEE WISDOT STANDARD DETAIL DRAWING "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" IN THE PS&E EXHIBITS PACKAGE FOR ADDITIONAL INFORMATION.

PROJECT NO: 4992-03-21	HWY: RACINE STREET	COUNTY: WINNEBAGO	TRAFFIC CONTROL	SHEET	E

Standard Detail Drawings

SDD 8e14 Tracking Pad

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

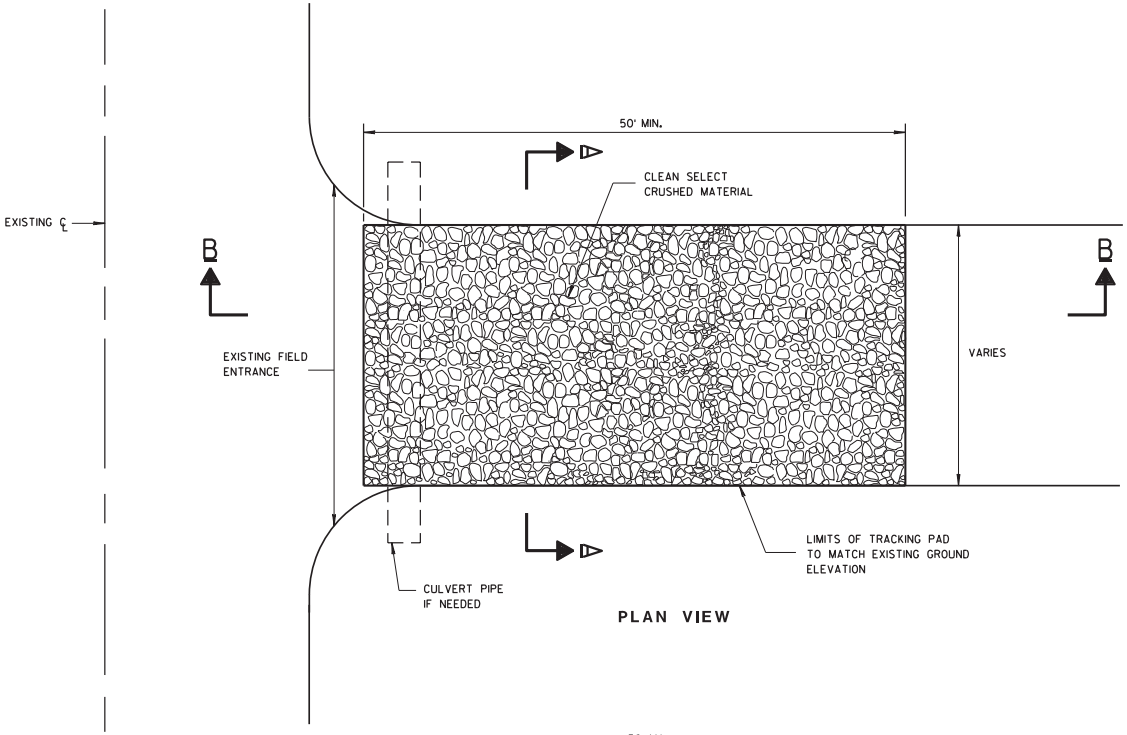
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

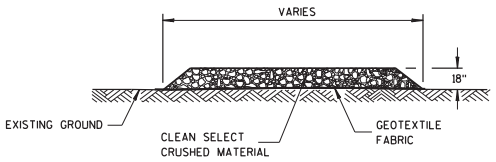
SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

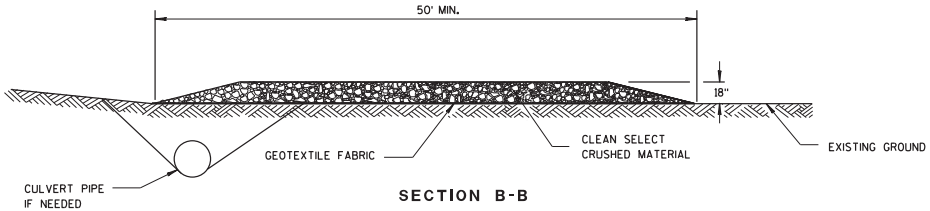
THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



PLAN VIEW



SECTION A-A



SECTION B-B

TRACKING PAD

TRACKING PAD	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
3-24-2011 DATE	/S/ Jerry H. Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA	

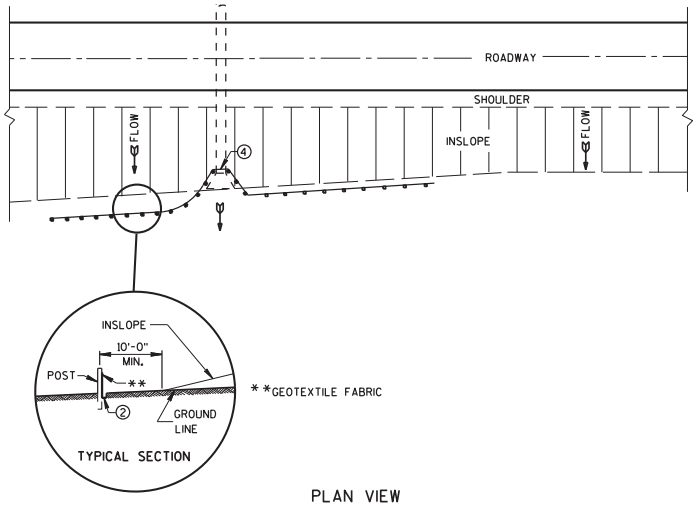
6

S.D.D. 8 E 14-1

6

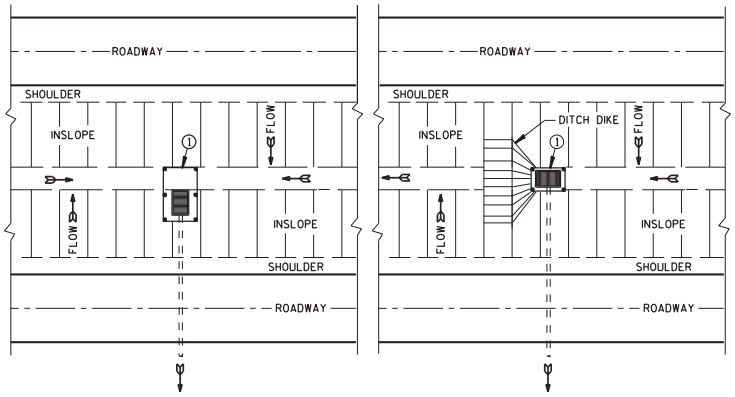
S.D.D. 8 E 14-1

SDD 8e9 Silt Fence



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

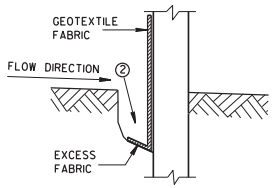
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

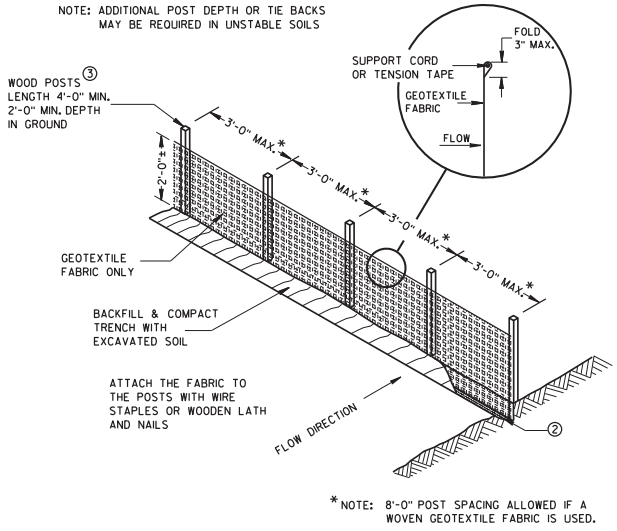
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

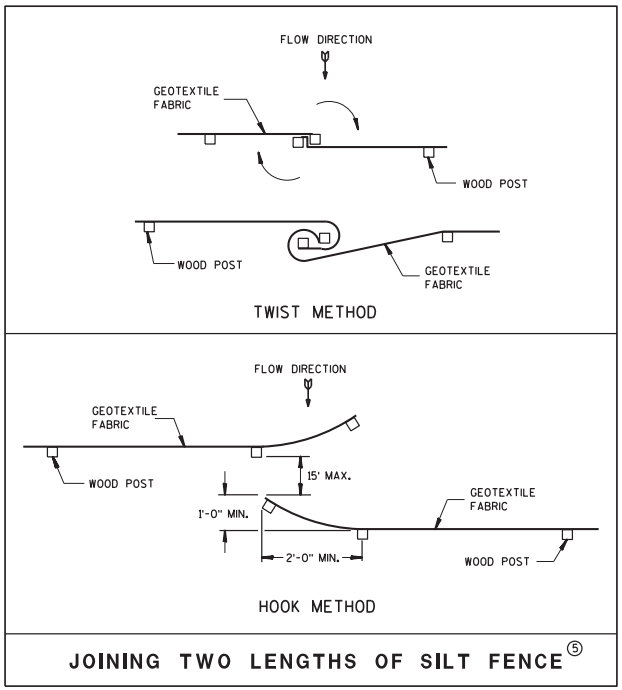
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS: A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



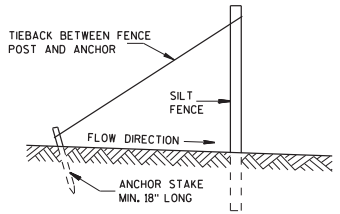
TRENCH DETAIL



SILT FENCE



JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
4-29-05 DATE	/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA	

6

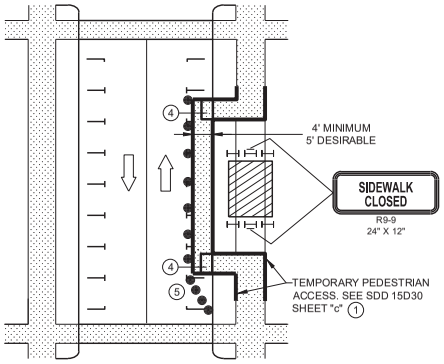
S.D.D. 8 E 9-6

6

S.D.D. 8 E 9-6

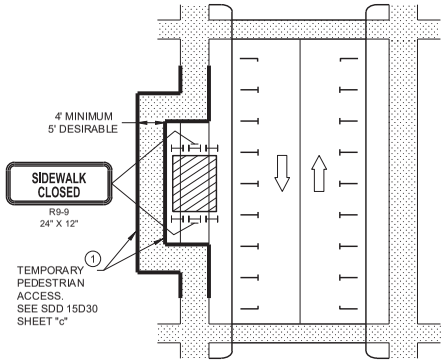
SDD 15D30-a Traffic Control, Pedestrian Accommodation

NOTE: MAY BE USED ON ROADWAY WITH POSTED SPEED OF LESS THAN 40 MPH.

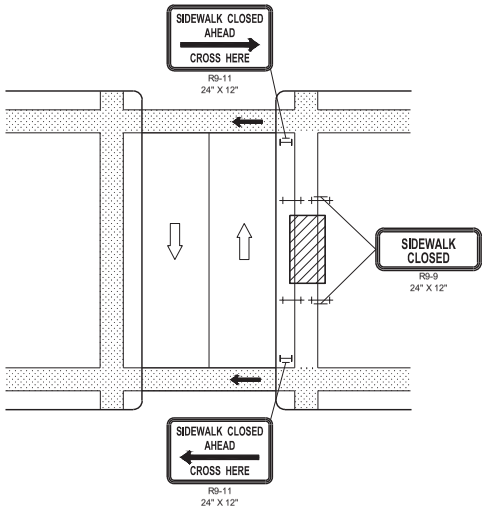


MID-BLOCK SIDEWALK CLOSURE IN PARKING LANE

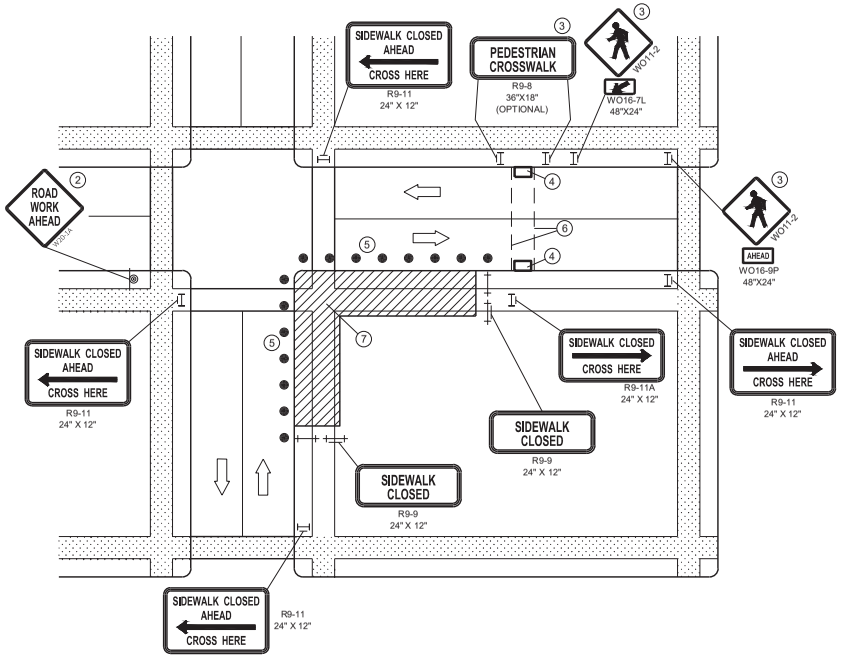
NOTE: LAYOUT SAME AS ABOVE.



SIDEWALK DIVERSION



MID-BLOCK SIDEWALK CLOSURE



CORNER SIDEWALK CLOSURE WITH TEMPORARY CROSSWALK

GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

"WO" SIGN IS THE SAME AS "W" SIGN, EXCEPT THE BACKGROUND IS ORANGE.

FOR NIGHTIME CLOSURE, USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEK LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

1. IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE
2. "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.
3. IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND WO11-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.
4. TEMPORARY CURB RAMPS. SEE SDD 15D30 SHEET "b".
5. DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.
6. TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.
7. LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- PEDESTRIAN CHANNELIZATION DEVICE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
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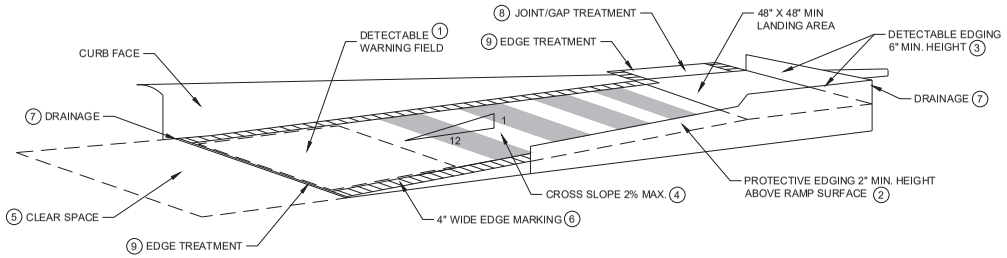
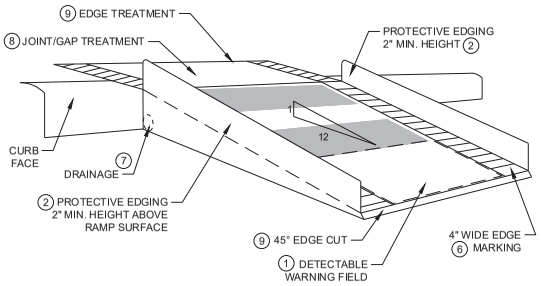
SDD 15D30 - 06a

SDD 15D30 - 06a

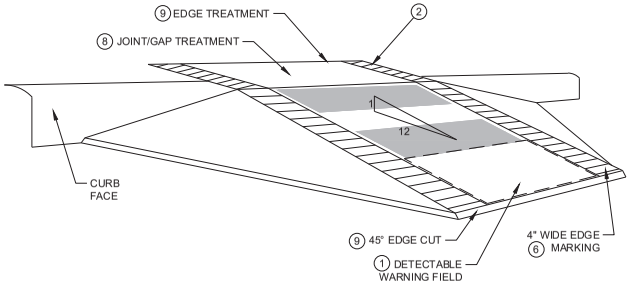
SDD 15D30-b Traffic Control, Pedestrian Accommodation



TEMPORARY CURB RAMP PARALLEL TO CURB



WITH PROTECTIVE EDGE



WITH SIDE APRON

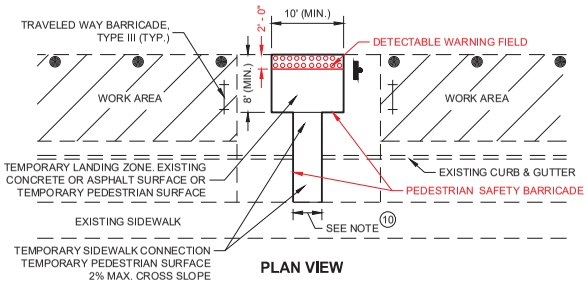
TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

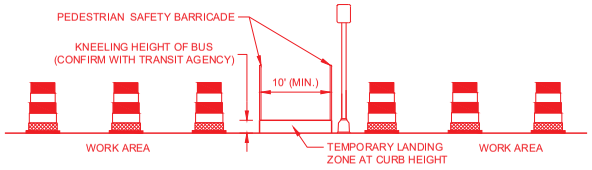
NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

1. CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 08D05, SHEET "e".
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.
5. CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
6. THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.
7. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
8. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.
9. CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES SHALL BE VERTICAL UP TO ¼" HIGH AND BEVELED AT 1:2 BETWEEN ¼" AND ½".
10. 5' WIDE MIN. WITH PEDESTRIAN SAFETY BARRICADE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY BARRICADE.



PLAN VIEW



PROFILE VIEW

TEMPORARY BUS STOP PAD

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- WORK AREA

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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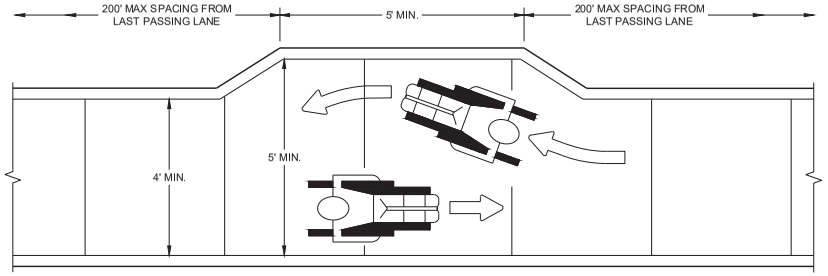
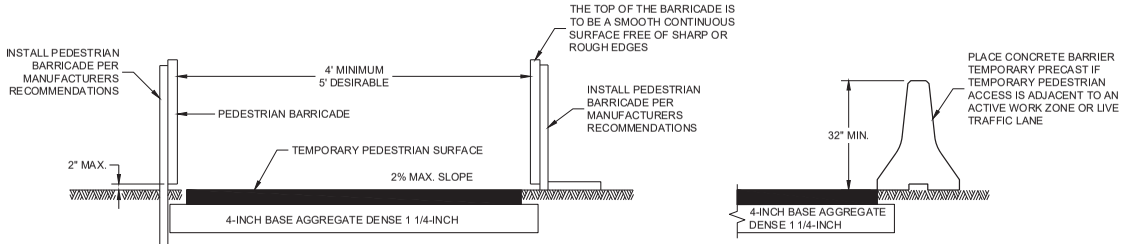
SDD 15D30 - 06b

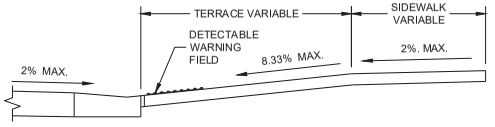
SDD 15D30-c Traffic Control, Pedestrian Accommodation



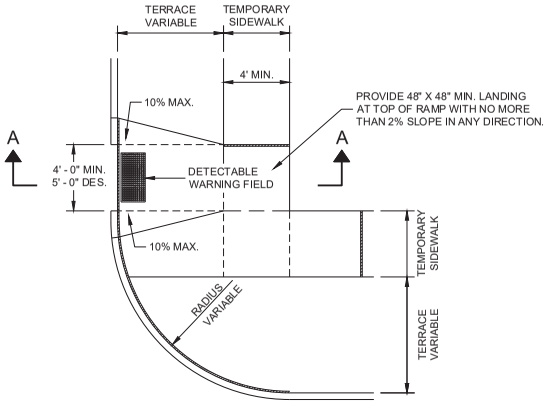
NARROW SIDEWALK PASSING DETAIL



TEMPORARY PEDESTRIAN ACCESS



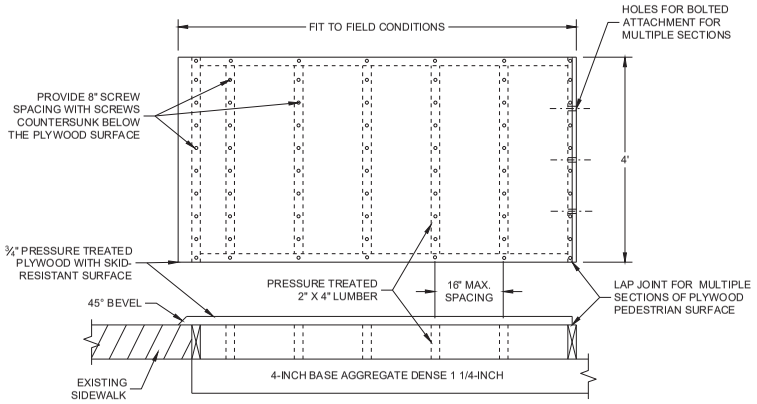
SECTION A - A



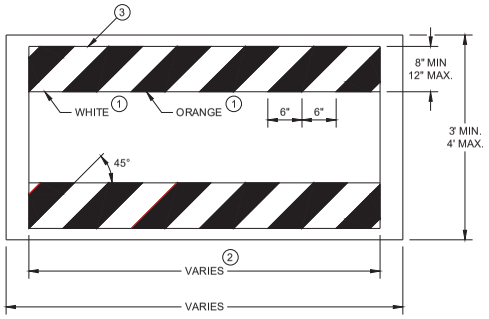
PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)



TEMPORARY PEDESTRIAN SURFACE PLYWOOD



TEMPORARY PEDESTRIAN BARRICADE *

GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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SDD 15D30 - 06c

SDD 15D30 - 06c

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 FOLLWING 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

Project I.D. 4992-03-21, Parcel 1, 460 Ahnaip Street, Menasha, WI 54952, Winnebago County

Project/Parcel Number	**Option A –** Contractor to Pay WisDOT	**Option B –** Contractor to Receive Payment from WisDOT
4992-03-21 Parcel 1	$	$
	$	$
	$	$
	$	$
	$	$
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 SCHEDULE OF ITEMS HERE