

CITY OF WISCONSIN DELLS MEETING AGENDA

Meeting Description PUBLIC WORKS COMMITTEE

Date: MONDAY, FEBRUARY 17, 2020 Time: 6:30 PM

Location: MUNICIPAL BUILDING, 300 LA CROSSE STREET, WISCONSIN DELLS, WI

	Committee Members		
	Ald. Terry Marshall- Chair	Ald. Brian Holzem	
	Mayor Ed Wojnicz	Ald. Jesse DeFosse	

AGENDA ITEMS:

1	Call Meeting to Order and Attendance
2	Approval of the Minutes from the January 13, 2020 Public Works Meeting
3	Discussion/Decision on Pellitteri Recycling Contract
4	Discussion/Decision on proposed 9th Avenue Joint Jurisdictional Reconstruction
5	Discussion/Decision on Electric Transfer Area F-Trappers Turn (previous discussed at 1/21/19 Public Works Meeting)
6	Discussion/Decision on Right of Way Plat Acquisitions related to Wisconsin Dells High School Project
7	Discussion/Decision on Connecting Michigan Avenue to STH 13
8	Updates on Wisconsin Dells High School Utility Project
9	Update on Potential Multimodal Local Supplement (MLS) Grant Award (related to multi-use path on Trout Road and Fitzgerald Road)
10	Any other items for referral to a future meeting
11	Future Public Works Meeting (Monday, March 9, 2020)
12	Adjournment
	<p>Open Meetings Notice: If this meeting is attended by one or more members of the Common Council who are not members of this committee, their attendance may create a quorum of another city commission, board or committee under the Wisconsin Open Meetings Law; However, no formal action will be taken by any governmental body at the above stated meeting other than the body, committee, commission, or board identified in this meeting notice. Please be advised that upon reasonable notice, the City of Wisconsin Dells will furnish appropriate auxiliary aids and services to afford individuals with disabilities an equal opportunity to participate in meeting activities.</p>
	<p>Aldersperson Terry Marshall, Chairperson Distributed February 14, 2020</p>

**PUBLIC WORKS COMMITTEE
CITY OF WISCONSIN DELLS
MUNICIPAL BUILDING-300 LA CROSSE STREET
JANUARY 13, 2020**

Chairperson Marshall called the meeting to order at 5:42 PM. Notice of the meeting was provided to the Dells Events, WNNO Radio, and posted in accordance with State Statutes.

1. Present: Mayor Ed Wojnicz, Ald. Brian Holzem, Ald. Jesse DeFosse, and Ald. Terry Marshall
Others: Public Works Director David Holzem, City Planner/Zoning Administrator Chris Tollaksen, City Atty. Joseph Hasler, DPW Office Clerk Monica Dorow-Leis, City Clerk Nancy Holzem, Fire Chief Pat Gavinski and Ald. Anderson
2. Motion by Ald. Holzem and seconded by Ald. DeFosse approve the minutes of the December 9, 2019 meeting. Motion carried.
3. Motion by Ald. Holzem and seconded by Ald. DeFosse approve the Certified Survey Map associated with Wisconsin Dells High School Project Lift Station Relocation. Motion carried. This is on the Plan Commission Agenda, then Common Council for final approval.
4. Motion by Ald. DeFosse and seconded by Ald. Holzem recommend to council accept low bidder Gerke Excavating, Inc for the amount of \$1,912,056.50 for City of Wisconsin Dells High School Utility Extensions (MSA Project #00085092). Motion carried.
5. From a Public Works standpoint there may be discussion on Michigan Avenue connecting to STH 13.
6. Next meeting is scheduled for Monday, February 17, 2020.
7. Motion by Mayor Wojnicz and seconded by Ald. DeFosse to adjourn. Motion carried and the meeting adjourned at 5:48pm.

Monica Dorow-Leis
Public Works Office Clerk

Existing Contract

ITEM 3

CITY OF WISCONSIN DELLS

RECYCLING COLLECTION CONTRACT

PELLITTERI WASTE SYSTEMS, INC.

AGREEMENT

This Agreement made and entered into this March 5th, 2015, by and between the **City of Wisconsin Dells, Wisconsin**, hereinafter referred to as (the "City") and **Pellitteri Waste Systems, Inc.** hereinafter referred to as (the "Contractor.")

WITNESSETH THAT: In consideration of the premises and of the mutual promises, the parties hereto do mutually promise, covenant and agree as follows:

The Contractor hereby agrees to enter into a five (5) year Contract to furnish all labor, materials, and equipment called for in the "WISCONSIN DELLS RECYCLING COLLECTION CONTRACT" and shall perform all work necessary. By providing appropriate services as described in the accepted **Documents and Specifications (pg. 2-7)**, copy attached, which **Documents and Specifications (pg. 2-7)** are incorporated herein and made part of this Contract.

The Contractor acknowledges and agrees to having been fully informed regarding all of the conditions affecting the work to be done, and labor and materials to be furnished for the proper completion of this Contract, and that this information was secured by personal investigations.

The Contractor further agrees to begin work no later than April 1st, 2015 as outlined in the **Document and Specifications (pg. 2-7)** for this work and to continue service according to the **Document and Specifications (pg. 2-7)** for this work until March 31st, 2020. The Contractor agrees to fully comply with all federal and state laws and regulations and local ordinances of the City. In the event of termination of the Contract by the Contractor or by the City, the Contractor shall be entitled to receive payment only for the work actually performed.

The Contractor expressly warrants that no third party has been employed to solicit or obtain this Contract on Contractors behalf, or promised or agreed to pay to any third party.

IN WITNESS WHEREOF, the parties hereto have hereunto affixed their hands and seals this ___ day of ___, 20__.

BY: _____ DATE: _____

Mayor/Authorized Officer

BY: _____ DATE: _____

Clerk

BY: _____ DATE: _____

Pellitteri Waste Systems, Inc.

David A. Pellitteri, Vice President

DOCUMENTS AND SPECIFICATIONS

The recycling waste collection services shall conform to all City ordinances regarding recyclables and the following specifications or better.

1. **COLLECTION VEHICLES** - Contractor is to furnish the necessary vehicles for the collection of recyclables in leak-proof vehicles provided with tops or coverings to guard against spillage, and shall conceal said contents from view; said vehicles to be kept covered or closed at all times except when being loaded or unloaded.

2. **DEFINITIONS**
 - A. Whenever the term "Recyclables" is used in these specifications, it shall be construed as the following: reference Exhibit "A" for Commercial Recycling materials. Reference Exhibit "B" for Residential Recycling materials. These materials are subject to change due to change in market and/or Wisconsin State Recycling Laws.

3. **HOLIDAY SCHEDULE** - For the purpose of this Agreement, the following holidays shall be deemed official holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. If a holiday falls on a normal collection day then services for that week will be delayed by one (1) day for the remainder of the week. The City shall provide, at no cost to the Contractor, specific timely published notice to affected residents/businesses of any exceptions or changes in regular collection schedule due to holiday.

If emergency service is needed after hours or on a holiday the Contractor will bill the City for a minimum of three (3) hours plus any disposal fees associated with the service. Emergency services can only be requested by Public Works Director or their assignee.

4. **RESIDENTIAL COLLECTION TIMES** - No collections shall be made before 7:00 a.m. or after 7:00 p.m., on designated collection day.

5. **CLEANLINESS** - In the collection of recyclables, the Contractor and its employees shall not place the same upon or suffer the same to be placed, or scattered upon any public place, or private street, alley, or drive and agrees to replace any receptacle, can or lid damaged by it or its employees and upon collection leave the premises in a neat and clean condition. If an unsightly or unsanitary condition results from an action of the Contractor, the Contractor shall respond within four (4) hours of the receipt to the satisfaction of the City. All trucks will be equipped with a broom and pan.

6. **CUSTOMER SERVICE STANDARDS** - All complaints received by the Contractor or City before 12:00 p.m. shall be resolved by 6:00 p.m. on the day the complaint was received. All complaints received after 12:00 p.m. shall be resolved before noon the next day.

7. **CUSTOMER SERVICE CENTER** - The Contractor will operate and maintain a Customer Service Center with the following minimum standards 1) open between hours of 8:00 a.m. and 4:30 p.m. Monday through Friday, during such time, all calls will be answered by a Customer Service Representative; 2) during all other times, calls to the Customer Service Center will be received by an answering service or machine; 3) the Contractor will implement procedures approved by the City whereby complaints can be received via fax and email before the start of the Contract.

8. **PUBLICITY** - The Solid Waste Collection Contractor shall provide information promoting recycling and reduction of solid waste and adequate publicity to all residential dwelling units within the City as to the change-over of collection services prior to the initiation of said service. This publicity shall include, but not limited to, advertisement in local newspaper of general circulation; indicating the date of change-over, the day of collection, what items are collected and how they are to be stored, and the telephone number, and website of the Contractors office where questions can be handled as well as items and ways to recycle. Initially Contractor must provide a residential calendar and recycling guidelines to the customers through the City's utility billing mailing prior to April service. Such publicity shall be approved by the Public Works Department of the City prior to distribution and publication. The Contractor must provide annually at the end of November a residential calendar and recycling guidelines to the customers through the City's tax role mailing. This must also be approved by the City.
9. **INSURANCE** - In addition to workers compensation insurance for any compensated employee, the Contractor shall carry general public liability insurance and auto liability insurance with limits of not less than one million dollars (\$1,000,000.00) for bodily injury including accidental death, to one person and not less than one million dollars (\$1,000,000.00) for each accident. The Contractor also shall provide property damage insurance with limits of not less than five hundred thousand dollars (\$500,000.00) for each accident. Before commencement of the term of this Contract, the Contractor shall provide the City with evidence of insurance consistent with the requirements specified above. The City of Wisconsin Dells shall be listed as co-insured party on general public liability policy. All insurance policies carried by the Contractor, required by conditions of the Contract shall bare an endorsement or shall have attached thereto a rider providing that in the event of cancelation of such policies for any reason whatsoever, the City shall be notified in writing by the carrier and the Contractor by mail at least fifteen (15) days prior to any such cancellation.
10. **INDEMNITY** - The Contractor shall indemnify and hold the City, its appointed, hired and/or elected officers, agents, employees and designees, free and harmless from any and all costs, damages, claims, losses or expenses which may be incurred on account of damages, deaths, or injuries arising out of or related to work being performed by the Contractor under terms of any Contract entered into with the City or on account of enforcing provisions of the Contract against the Contractor or its agents or employees, including, but not limited by enumeration, reasonable attorney fees and court costs incurred by the City in defending against any claim or enforcing this provision.
11. **LAWS** - The Contractor will be required to obtain all licenses and permits and comply with all ordinances provided in City Code of Ordinances to the extent that they are not inconsistent with the provisions of the Contract and specifications. The Contractor shall at all times comply with any rules and regulations issued by the State of Wisconsin, and supply copies of all licenses held to the City upon request.
12. **VOLUME REPORT** - During the month of January each year, the Contractor shall issue a volume report to the City stating the volume of recyclables collected during the previous year in tons for both residential and commercial recycling, as well as maintaining an "open-book" policy of receipts and proof of "downstream" path for the recyclables.
13. **FORCE MAJEURE** - Except for the obligation to pay for services rendered, neither party hereto shall be liable for its failure to perform hereunder due contingencies beyond its reasonable control

including, but not limited to, a Change in Law, strikes, riots, terrorism, war, fire or acts of God (“force majeure event”). If either part experiences a majeure event, it shall provide reasonably prompt notice to the other party, and keep the performance hereunder.

14. FREQUENCY OF COMPENSATION - The City shall pay Contractor on a monthly basis for the services provided by the Contractor with any differences for extra services, increase in containers, and/or tonnage trued-up will be billed to and paid for by the City at the end of the calendar year. Should any extra services be deemed necessary per the direction of the Public Works Director or said office then such fees will be trued-up at the end of the calendar year. Payments shall be made by City within thirty (30) days after the receipt of invoice from Contractor.

15. CHARGABLE UNITS - The number of chargeable units shall be determined by the City and the City compensation adjusted accordingly.

16. PROCEEDS - The proceeds from sale of all recyclables collected within the City under the terms of this contract shall be the Contractors.

17. ADJUSTMENTS –

1) The Contractor reserves the right to petition the City to pass-through increases in governmental tax, surcharge or other fees applicable to the services and equipment to be provided under this Agreement. Contractor may petition the City to pass-through other increases in the cost of providing services and equipment to the City, City reserves the right to deny such petitions.

FUEL REBATE/SURCHARGE

The City shall receive a fuel rebate of \$10.00 per service day for each \$.25 below \$3.00 per gallon for diesel fuel. Should the cost of diesel fuel exceed \$4.50 per gallon the Contractor shall initiate a fuel surcharge of \$10.00 per service day for each \$.25 over \$4.50 per gallon. The fuel surcharge is based on cost increase analyses of the national average price of diesel fuel as reported weekly by the Energy Information Administration of the U.S. Department of Energy (“EIA/DOE”) in its Weekly Retail On-Highway Diesel Price Index. You may view this information at www.eia.doe.gov.

\$2.50 to \$2.74 = \$20.00 Rebate per service day

\$2.75 to \$2.99 = \$10.00 Rebate per service day

\$3.00 to \$4.49 = N/A

\$4.50 to \$4.74 = \$10.00 Surcharge per service day

\$4.75 to \$4.99 = \$20.00 Surcharge per service day

\$5.00 to \$5.24 = \$30.00 Surcharge per service day

18. TYPE OF CONTRACT - The parties may agree to extend the Contract prior to the expiration date.

19. REQUESTED SERVICES TO BE PROVIDED - The Contractor shall have the responsibility to collect, haul, and properly dispose of all residential recyclable material between 7:00 a.m. and

7:00 p.m. Commercial Business container collection will start no sooner than 3:00 a.m. These materials will be collected in properly identified trucks. ("Properly identified trucks" means the name, addresses, and phone number of the Contractor and designated type of material being collected must be displayed on the vehicle.) All these services, vehicles, equipment, and collected materials, as described below, are to comply with Wisconsin Solid Waste Law and local City and County regulations.

- 1) **AUTOMATED RESIDENTIAL CARTS** – The City will pay a base rate for automated recycling collection, based upon the collection of one 95-gallon recycling cart per dwelling (including condominiums) within the corporate limits of Wisconsin Dells (Appendix "A"). Residents will have the option to choose a 35, 65, or 95-gallon cart for recycling.

The Contractor will be responsible for the distribution of carts to all dwellings in the City. The Contractor shall deliver requested size containers to all dwellings. The Contractor shall deliver requested size carts to all dwellings that returned the cart order form. If no cart order form was received Contractor shall deliver 95-gallon carts to those dwellings. The City will address, stamp, and mail the cart order forms so that the City is assured every household has an opportunity to order the correct size cart up front and with no extra fees. Contractor will provide a self-addressed envelope in the mailer and collect the responses. The cart order form needs to be mailed to Pellitteri with any requests by the date on the mailer. Any resident that requests a different sized cart after the date on the mailer, will be charged a \$25.00 cart swap-out fee and receive the requested size cart. This fee will be waived if residents bring their carts to the corporate office during normal business hours.

The cart should be returned to the Contractor in the same condition as the date of distribution, with reasonable wear and tear. The Contractor will replace any cart damaged through service at no cost. The resident will be responsible for any cart not damaged by the Contractor.

- 4) **RESIDENTIAL RECYCLING CURB COLLECTION** - There shall be bi-weekly collection of recycling from the curb (or alley where necessary) of the premises. The resident is required to place their cart in an accessible curbside position (within two (2) feet of the street not behind or within two (2) feet of parked cars, mail boxes, or other obstructions) before 7:00 a.m. on their collection day. If no recycling cart is curbside on scheduled service day, when the Contractor arrives for pickup, no recycling will be picked up for that week. Unless the Contractor gives the City or affected residents at least thirty (30) days advance notice, all collections, for any designated area, shall occur on the same day each week.

If resident has more recyclables than what will fit inside their recycling carts they may place extra recyclables in a clear, plastic bag that does not exceed 30-gallons or 50 pounds at no additional charge. Bags must be accompanied by the resident's cart.

- 5) **COMMERCIAL BUSINESS CONTAINERS** – Contractor will provide "Pellitteri" branded 2, 4, 6, and 8 yard front load containers to Commercial Business accounts to replace rear load containers for the collection of recycling. The minimum container size for Commercial accounts will be a 65-gallon cart or 95-gallon cart and

will be limited to the guidelines of the residential program. If Commercial account uses carts it will be limited to two (2) recycling carts per business. Containers will be new or like new for initial conversion from rear load containers to front load containers. Once conversion is complete Contractor is allowed to use refurbished or cleaned containers that are in good condition. Contractor reserves the right to adjust, if necessary, the correct number, size, location and frequency of container(s) for commercial accounts based on waste flow to maintain efficiencies. If the correct container program cannot be agreed upon between Contractor and Commercial Business account holder the issue will be brought to the Public Works Department for review and the Public Works Department will make the final decision on the container program for the account.

Contractor shall coordinate the container switch from rear load containers to front load containers. Public Works Department will approve and support of the plan.

7) COMMERCIAL BUSINESS RECYCLING COLLECTION – Minimum recycling service level for Commercial Businesses will be one (1) 65-gallon cart picked up one (1) time bi-weekly with the residential recycling service. If Commercial Business does not generate enough waste to justify a 2 yard container a maximum of two (2) carts will be provided and those carts will be limited to being picked up one (1) time bi-weekly with the residential service.

Maximum recycling service level for Commercial Businesses will be 24 yards picked up two (2) times a week April through September and one (1) time a week October through March. If there is limited container space then the maximum Commercial Business service level will be limited to two (2) of the largest serviceable front load containers serviced two (2) times a week April through September and one (1) time a week October through March. It is understood that businesses sometimes have inflation in solid waste production. Extra recycling will be picked up for no charge only if the container is full and the following criteria are met:

- A. Material is properly prepared and free of contamination. Recyclable material must be bundled and/or bagged in a translucent or clear plastic bag and set next to the container. Bundles and bags must not weigh more than 50 pounds each.
- B. The level of service does not exceed the maximum Commercial Business service level. If a Commercial Business is exceeding the maximum commercial recycling service level then Commercial Business does not qualify for this public service and will be required to Contract privately.

When container is unserviceable Contractor will make a second attempt to service the stop once more on the same service day. If the stop is still unserviceable the container will be serviced on the next scheduled day.

20. PRICE FOR REQUIRED SERVICES

1)PART "A" RESIDENTIAL COLLECTION – For a five (5) year Contract beginning April

1, 2015 through March 31, 2020, provide a bulk price for bi-weekly Residential Recyclables Collection. Current number of Residential Dwelling Units = 850

Five (5) Year Contract, Bi-Weekly at the Unit Cost:
\$1.42 Per Month for Residential Recycling

Contractor reserves the right to take a 2% annual increase each subsequent year.

2)PART "B" COMMERCIAL COLLECTION- For a five (5) year Contract beginning April 1, 2015 through March 31, 2020, provide a monthly price for once a week collection of recyclables for six (6) months of the year beginning October 1st through March 31st, and there shall be a twice a week collection of recyclables for six (6) months out of the year beginning April 1st through September 30th. Number of Commercial of Containers = 143

Contractor shall perform the outlined Commercial Recycling program for the City at a base rate of \$64,200.00 per year (based on the current 143 containers). There will be no charges for additional tons. There shall be a container fee of \$10.00 per container per month for every additional commercial container over the number above. Contractual payments will be made over 12 equal monthly installments.

Contractor reserves the right to take a 2% annual increase each subsequent year.

Addendum to City Contract with Pellitteri Waste Systems, Inc.

1. **INDEPENDENT CONTRACTOR RELATIONSHIP.** The Contractor is an independent Contractor and is not an employee, servant, agent, partner or joint venture of the City. The City shall determine the work to be done by the Contractor, but the Contractor shall determine the legal means by which it accomplishes that work. The City is not responsible for the withholding, and shall not withhold, FICA or taxes of any kind from any payments which it owes the Contractor. Neither the Contractor nor its employees shall be entitled to receive any benefits which employees of the City are entitled to receive and shall not be entitled to workers compensation, unemployment compensation, medical insurance, life insurance, paid vacations, paid holidays, pension, profit sharing, or social security on account of their work for the City.
2. **EMPLOYEES OF CONTRACTOR.** The Contractor shall be solely responsible for paying its employees. The Contractor shall be solely responsible for FICA and other taxes, workers compensation, unemployment compensation, medical insurance, life insurance, paid vacations, paid holidays, pension, profit sharing and other benefits for the Contractor and its employees, servants, and agents.
3. **INSURANCE.** The Contractor shall furnish the City with current certificates of coverage of the Contractor, and proof of payment by the Contractor, for workers compensation insurance, general liability insurance, motor vehicle insurance and such other insurance as the City may require from time to time. The Contractor shall maintain all such insurance coverage and shall furnish the City with certificates of renewal coverage and proofs of premium payments.
4. **RISK; INDEMNIFICATION.** The Contractor shall perform the work at its own risk. The Contractor assumes all responsibility for the condition of tools, equipment, material and job site. The Contractor shall indemnify and hold harmless the City from any claim, demand, loss, liability, damage or expense arising in any way from the Contractors work.
5. **LAW.** This Agreement shall be governed and construed in accordance with Wisconsin state law. Venue for any disputes shall be the Circuit Court for Columbia County.

Desired adjustments to
Contract per Pettitteri ...

1, 2015 through March 31, 2020, provide a bulk price for bi-weekly Residential Recyclables Collection. Current number of Residential Dwelling Units = ~~830~~ 1005

Five (5) Year Contract, Bi-Weekly at the Unit Cost:
\$3.00 - ~~\$1.42~~ Per Month for Residential Recycling

Contractor reserves the right to take a 2% annual increase each subsequent year.

2) PART "B" COMMERCIAL COLLECTION- For a five (5) year Contract beginning April 1, 2015 through March 31, 2020, provide a monthly price for once a week collection of recyclables for six (6) months of the year beginning October 1st through March 31st, and there shall be a twice a week collection of recyclables for six (6) months out of the year beginning April 1st through September 30th. Number of Commercial Containers = ~~143~~ + 21 = 164

Contractor shall perform the outlined Commercial Recycling program for the City at a base rate of \$64,200.00 per year (based on the current ~~143~~ containers). There will be no charges for additional tons. There shall be a container fee of \$10.00 per container per month for every additional commercial container over the number above. Contractual payments will be made over 12 equal monthly installments.

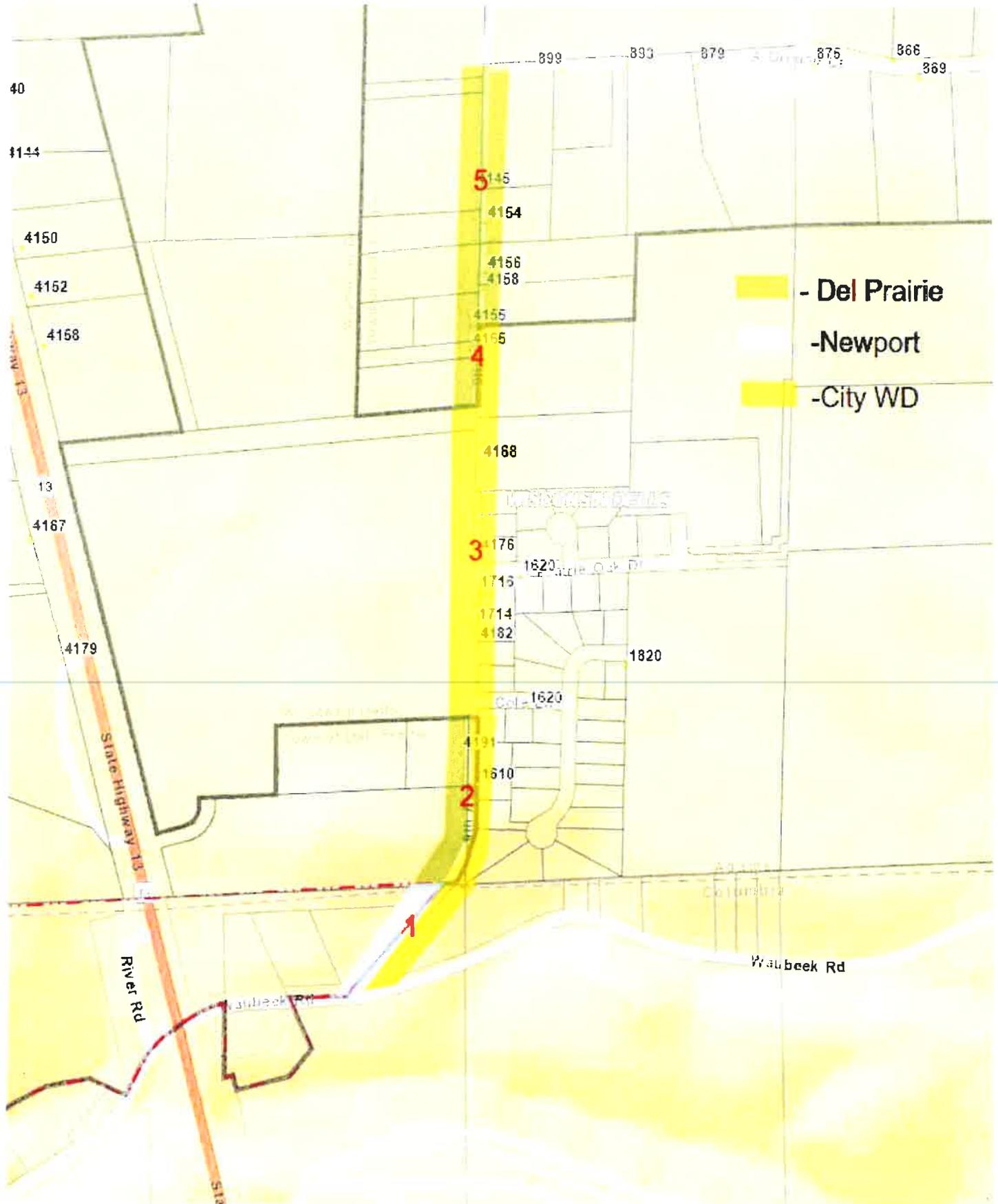
Contractor reserves the right to take a 2% annual increase each subsequent year.

CURRENT
NEW
5891.30
2130.00
8021.30
x 12
96,255.60

Explanation of changes . .

- City of Madison is 20 times bigger than Wisconsin Dells – we charged them \$24/ton for their recyclables last month. Current WI Dells pricing is based on no value/no cost of the material 5 years ago.
- Two recent local curbside rfps yielded the lowest bid recycling rates of \$3.60 per unit in Poynette and \$3.50 per unit in Rio. Both were from Columbia County. Current Dells price per unit is \$1.50, and was based on recycling recovery of five years ago.
- We collect 517 cubic yards of material in the 131 commercial accounts each trip. We make 82 trips per year. @50.00/yard average, that's 1060 tons per year. $1060 \times \$24 = \$25,440$ we need to add to the current rate to break even. David was pretty generous here, as I usually calculate recycling at 75lbs per cubic yard.
- Moving the resi recycling to \$3.00 per unit on the 1003 units serviced adds \$18,054 annually in costs.
- Total increase would be \$43,494. We could use the exact same contract-just change the two numbers identified for commercial and residential. Use the same escalators and other schedules.
- If it is decided to put out to RFP, our pricing would not be this low.

*\$2120⁰⁰/mo
ADDED TO
CURRENT
MONTHLY
CHANGE*



Section	Length	Owernship	Split	City WD	Newport	Del Prairie	
1	578	City WD/Newport	50/50	289	289	0	
2	711	City WD/Del Prairie	50/50	355.5	0	355.5	
3	1291	City WD	100	1291	0	0	
4	331	City WD/Del Prairie	50/50	165.5	0	165.5	
5	1066	Del Prairie	100	0	0	1066	
Total	3977			2101	289	1587	3977
Percentage of Ownership				53%	7%	40%	100%
02/04/2020 per discussion w/ Dan McFarland							
Pulverize and pave estimates			\$ 140,000.00				
TRIP Funding acquired by Del Prairie			\$ 43,000.00				
Net estimated Costs			\$ 97,000.00	\$ 51,243.90	\$ 7,048.78	\$ 38,707.32	\$ 97,000.00

Cost Valuation as of

12/31/2019

ALLIANT - WPL

Location: WI Dells
TrappersTurn Area
Area F

DATE PREPARED 1/20/2020
PREPARED BY Melanie Selck
REVIEWED BY Stephanie Kleine 1/20/20
PREPARED FOR Jim Moilanen

ITEM	UNIT	QTY	AVG UNIT PRICE	VINTAGE YEAR	ORIGINAL COST	ACCUMULATED DEPRECIATION	Net Book Value	REPROD COST	REPROD ACCUM. DEPR	REPROD LESS DEPR
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P/P Analysis valuation and depreciation for Distribution Property

Account: E364.0 Poles

Unknown - Used 35' 1936 is oldest	Each	2	58.71	1901	117.42	117.42	-	5,174.87	5,174.87	-
Poles 30'	Each	1	31.02	1948	31.02	31.02	-	598.20	598.20	-
Poles 30'	Each	1	34.96	1950	34.96	34.96	-	634.50	634.50	-
Poles 30'	Each	1	35.22	1952	35.22	35.22	-	571.81	571.81	-
Poles 30'	Each	2	60.32	1962	120.64	120.64	-	1,404.49	1,404.49	-
Poles 30'	Each	1	67.50	1968	67.50	67.50	-	650.79	650.79	-
Poles 30'	Each	1	96.05	1970	96.05	96.05	-	759.81	759.81	-
Poles 30'	Each	1	109.92	1972	109.92	109.92	-	762.04	762.04	-
Poles 30'	Each	1	126.17	1978	126.17	126.17	-	483.51	483.51	-
Poles 35'	Each	1	26.39	1942	26.39	26.39	-	904.53	904.53	-
Poles 35'	Each	1	45.48	1949	45.48	45.48	-	876.91	876.91	-
Poles 35'	Each	5	59.11	1952	295.57	295.57	-	4,799.14	4,799.14	-
Poles 35'	Each	1	75.09	1956	75.09	75.09	-	1,029.63	1,029.63	-
Poles 35'	Each	1	91.00	1966	91.00	91.00	-	951.62	951.62	-
Poles 35'	Each	1	87.66	1967	87.66	87.66	-	886.67	886.67	-
Poles 35'	Each	9	91.50	1968	823.54	823.54	-	7,939.41	7,939.41	-
Poles 35'	Each	9	112.44	1970	1,011.92	1,011.92	-	8,004.55	8,004.55	-
Poles 35'	Each	1	133.62	1972	133.62	133.62	-	926.30	926.30	-
Poles 35'	Each	3	137.91	1973	413.73	413.73	-	2,552.72	2,552.72	-
Poles 35'	Each	3	198.71	1975	596.13	596.13	-	2,590.24	2,590.24	-
Poles 35'	Each	1	197.07	1977	197.07	197.07	-	810.62	810.62	-
Poles 35'	Each	1	239.11	1978	239.11	239.11	-	916.34	916.34	-
Poles 35'	Each	2	412.19	1982	824.38	783.62	40.76	2,230.90	2,120.59	110.31
Poles 35'	Each	1	700.26	1996	700.26	448.05	252.21	1,221.36	781.47	439.89
Poles 35'	Each	1	680.18	2003	680.18	302.92	377.27	992.14	441.84	550.29
Poles 35'	Each	1	942.50	2004	942.50	392.64	549.86	1,339.92	558.20	781.71
Poles 35'	Each	1	1,484.89	2009	1,484.89	405.67	1,079.22	1,702.93	465.23	1,237.70
Poles 35'	Each	2	1,004.04	2010	2,008.07	491.94	1,516.14	2,273.36	556.93	1,716.43
Poles 35'	Each	1	1,541.31	2012	1,541.31	292.46	1,248.85	1,692.15	321.08	1,371.07
Poles 35'	Each	1	3,753.83	2013	3,753.83	610.52	3,143.31	4,063.35	660.86	3,402.49
Poles 40'	Each	3	76.26	1952	228.79	228.79	-	3,714.91	3,714.91	-
Poles 40'	Each	1	118.10	1959	118.10	118.10	-	1,487.12	1,487.12	-

Poles 40'	Each	1	119.16	1961	119.16	119.16	-	1,413.86	1,413.86	-	
Poles 40'	Each	1	120.04	1962	120.04	120.04	-	1,397.49	1,397.49	-	
Poles 40'	Each	2	122.59	1968	245.18	245.18	-	2,363.73	2,363.73	-	
Poles 40'	Each	3	138.91	1970	416.72	416.72	-	3,296.36	3,296.36	-	
Poles 40'	Each	1	250.22	1977	250.22	250.22	-	1,029.25	1,029.25	-	
Poles 40'	Each	1	503.10	1984	503.10	459.77	43.34	1,315.32	1,202.01	113.31	
Poles 40'	Each	5	536.17	1987	2,680.84	2,289.44	391.40	6,669.66	5,695.90	973.76	
Poles 40'	Each	2	585.26	1989	1,170.52	949.06	221.46	2,722.74	2,207.61	515.13	
Poles 40'	Each	3	615.76	1991	1,847.29	1,413.20	434.10	3,981.77	3,046.09	935.68	
Poles 40'	Each	1	682.08	1999	682.08	380.96	301.13	1,130.54	631.43	499.12	
Poles 40'	Each	1	879.44	2001	879.44	441.86	437.59	1,373.71	690.19	683.52	
Poles 40'	Each	5	1,180.65	2006	5,903.23	2,119.08	3,784.15	7,588.11	2,723.90	4,864.21	
Poles 40'	Each	4	1,262.81	2010	5,051.23	1,237.28	3,813.94	5,718.54	1,400.74	4,317.80	
Poles 40'	Each	1	1,521.37	2011	1,521.37	330.24	1,191.13	1,700.52	369.13	1,331.39	
Poles 40'	Each	1	2,657.13	2015	2,657.13	292.39	2,364.74	2,866.17	315.39	2,550.78	
Poles 40'	Each	2	2,050.06	2018	4,100.11	144.83	3,955.28	4,188.36	147.95	4,040.41	
Poles 40'	Each	1	2,481.17	2019	2,481.17	28.82	2,452.35	2,481.17	28.82	2,452.35	
Poles 45'	Each	1	161.10	1970	161.10	161.10	-	1,274.33	1,274.33	-	
Poles 45'	Each	2	766.38	1989	1,532.75	1,242.76	289.99	3,585.34	2,890.79	674.55	
Poles 45'	Each	1	837.39	1991	837.39	640.61	196.78	1,804.96	1,380.81	424.15	
Poles 45'	Each	1	965.79	1993	965.79	692.17	273.62	1,920.68	1,376.53	544.15	
Poles 45'	Each	1	1,041.69	2001	1,041.69	523.37	518.31	1,627.14	817.52	809.62	
Poles 45'	Each	1	1,281.26	2004	1,281.26	533.77	747.49	1,821.52	758.83	1,062.68	
Poles 45'	Each	3	1,584.29	2006	4,752.88	1,706.14	3,046.74	6,109.43	2,193.10	3,916.33	
Poles 45'	Each	3	2,036.48	2010	6,109.43	1,496.01	4,613.43	6,916.55	1,693.64	5,222.91	
Poles 45'	Each	1	1,985.92	2018	1,985.92	70.16	1,915.75	2,028.66	71.67	1,956.99	
Poles 45'	Each	2	1,846.47	2019	3,692.95	42.90	3,650.05	3,692.95	42.90	3,650.05	
Poles 50'	Each	2	1,291.24	1993	2,582.48	1,850.84	731.65	5,135.84	3,680.79	1,455.04	
Poles 50'	Each	1	1,413.22	2004	1,413.22	588.74	824.48	2,009.11	836.99	1,172.13	
Poles 50'	Each	1	2,610.15	2018	2,610.15	92.22	2,517.93	2,666.33	94.21	2,572.13	
Poles 55'	Each	1	1,524.99	2003	1,524.99	679.16	845.83	2,224.39	990.64	1,233.75	
Poles 60'	Each	2	269.88	1961	539.75	539.75	-	6,404.34	6,404.34	-	
Subtotal					120	78,718.14	30,947.87	47,770.26	165,385.70	107,803.89	57,581.81

Account: E365.0 Overhead Conductors and Devices

OH 1/C 1/0 & Larger ACSR	Feet	645	0.25	1961	159.30	155.69	3.61	2,744.85	2,682.62	62.23
OH 1/C 1/0 & Larger ACSR	Feet	143	0.23	1967	33.01	29.82	3.19	455.01	411.00	44.01
OH 1/C 1/0 & Larger ACSR	Feet	395	0.24	1968	94.94	84.52	10.42	1,232.89	1,097.56	135.33
OH 1/C 1/0 & Larger ACSR	Feet	1,364	0.35	1970	473.27	408.70	64.57	4,764.62	4,114.54	650.08
OH 1/C 1/0 & Larger ACSR	Feet	204	0.82	1982	167.35	115.19	52.16	649.10	446.78	202.31
OH 1/C 1/0 & Larger ACSR	Feet	162	0.83	1987	134.72	81.97	52.75	486.72	296.16	190.57
OH 1/C 1/0 & Larger ACSR	Feet	120	1.08	1994	130.19	63.89	66.30	353.22	173.35	179.88
OH 1/C 1/0 & Larger ACSR	Feet	1,194	2.87	1999	3,428.17	1,380.27	2,047.90	8,312.96	3,347.02	4,965.94
OH 1/C 1/0 & Larger ACSR	Feet	90	2.70	2003	243.22	80.18	163.03	493.04	162.54	330.49
OH 1/C 1/0 & Larger ACSR	Feet	70	4.10	2006	286.76	78.42	208.35	443.76	121.35	322.42

OH 1/C 1/0 & Larger ACSR	Feet	1,166	4.14	2010	4,830.82	947.40	3,883.41	6,374.68	1,250.18	5,124.50
OH 1/C 1/0 & Larger ACSR	Feet	520	10.64	2019	5,530.91	60.01	5,470.90	5,530.91	60.01	5,470.90
OH 2 ACSR 1/C	Feet	1,243	0.09	1956	116.20	116.20	-	2,082.26	2,082.26	-
OH 2 ACSR 1/C	Feet	321	0.11	1959	35.59	35.59	-	637.77	637.77	-
OH 2 ACSR 1/C	Feet	585	0.14	1962	83.88	80.99	2.89	1,391.83	1,343.80	48.02
OH 2 ACSR 1/C	Feet	2,254	0.21	1970	474.35	409.63	64.72	4,775.50	4,123.92	651.58
OH 2 ACSR 1/C	Feet	96	0.25	1972	24.46	20.45	4.01	221.36	185.07	36.28
OH 2 ACSR 1/C	Feet	725	0.23	1973	165.78	136.29	29.49	1,485.37	1,221.13	264.24
OH 2 ACSR 1/C	Feet	196	0.34	1975	66.43	52.72	13.71	416.23	330.30	85.93
OH 2 ACSR 1/C	Feet	354	0.35	1977	124.17	94.91	29.27	639.42	488.72	150.70
OH 2 ACSR 1/C	Feet	272	0.41	1978	111.45	83.53	27.93	587.43	440.24	147.19
OH 266 ACSR 1/C	Feet	2,196	4.90	2006	10,766.30	2,944.04	7,822.26	16,660.79	4,555.89	12,104.91
OH 4 ACSR 1/C 1936 Oldest	Feet	52	0.03	1902	1.50	1.50	-	70.83	70.83	-
OH 4 ACSR 1/C	Feet	831	0.04	1946	30.68	30.68	-	1,099.70	1,099.70	-
OH 4 ACSR 1/C	Feet	142	0.06	1955	8.80	8.80	-	171.37	171.37	-
OH 4 ACSR 1/C	Feet	242	0.10	1961	25.11	24.54	0.57	432.69	422.88	9.81
OH 4 ACSR 1/C	Feet	2,447	0.12	1968	305.27	271.76	33.51	3,964.13	3,528.99	435.13
OH 4 ACSR 1/C	Feet	185	0.18	1970	33.25	28.72	4.54	334.79	289.11	45.68
OH 4 ACSR 1/C	Feet	529	0.25	1975	132.71	105.31	27.40	831.54	659.87	171.66
OH 4 ACSR 1/C	Feet	486	0.57	1989	278.29	160.17	118.13	821.59	472.84	348.74
OH 4 ACSR 1/C - 2004 not enough	Feet	1,462	9.71	2004	14,190.75	4,414.61	9,776.14	27,168.62	8,451.90	18,716.72
OH 6A CW 1/C	Feet	126	0.07	1950	8.47	8.47	-	230.10	230.10	-
OH 6A CW 1/C	Feet	2,578	0.07	1952	178.88	178.88	-	4,109.75	4,109.75	-
OH 6A CW 1/C	Feet	300	0.13	1957	39.95	39.95	-	730.52	730.52	-
OH 6A CW 1/C	Feet	536	0.11	1964	59.07	55.60	3.47	945.11	889.57	55.54
OH 6A CW 1/C	Feet	456	0.18	1967	82.97	74.95	8.03	1,143.75	1,033.13	110.63
OH 6A CW 1/C	Feet	372	0.25	1970	93.82	81.02	12.80	944.57	815.69	128.88
OH 6A CW 1/C	Feet	74	0.69	1987	50.79	30.90	19.89	183.49	111.65	71.84
OH 1/0 AL 3/C (1/0 & Larger) ACSR	Feet	276	0.45	1968	124.56	110.89	13.67	1,617.46	1,439.91	177.54
OH 1/0 AL 3/C (1/0 & Larger) ACSR	Feet	169	0.39	1973	66.42	54.60	11.82	595.09	489.23	105.86
OH 1/0 AL 3/C (1/0 & Larger) ACSR	Feet	104	0.69	1978	72.09	54.03	18.06	379.95	284.75	95.20
OH 1/0 AL 3/C (1/0 & Larger) ACSR	Feet	45	14.48	1996	651.78	297.15	354.63	1,611.01	734.47	876.54
OH 1/0 AL 3/C (1/0 & Larger) ACSR	Feet	153	9.58	2012	1,466.07	229.38	1,236.69	1,850.14	289.47	1,560.67
OH 2 AL 3/C (1/0 & Larger) ACSR	Feet	131	0.26	1962	34.33	33.14	1.18	569.60	549.94	19.65
OH 2 AL 3/C (1/0 & Larger) ACSR	Feet	213	0.26	1970	55.45	47.88	7.57	558.24	482.08	76.17
OH 4 AL 2/C (1/0 & Larger) ACSR	Feet	196	2.66	1996	521.11	237.58	283.53	1,288.05	587.23	700.82
Subtotal				26,420	45,993.41	14,040.92	31,952.49	112,391.83	57,517.22	54,874.61

Account: E367.0 Underground Conductors and Devices

UG 350 AL 3/C- No asset	Feet	1	-	2001	-	-	-	-	-	-
UG 350 AL 3/C- No asset	Feet	15	-	2006	-	-	-	-	-	-

UG 1 AL 1/C- 1998 Oldest	Feet	280	4.91	1995	1,374.82	540.59	834.23	3,462.75	1,361.58	2,101.17
UG 1 AL 1/C-	Feet	785	11.53	2001	9,048.34	3,088.95	5,959.38	21,968.46	7,499.67	14,468.79
UG 1 AL 1/C-	Feet	527	8.74	2002	4,607.88	1,492.09	3,115.80	10,847.44	3,512.53	7,334.90
UG 1 AL 1/C-	Feet	132	11.33	2003	1,496.08	457.96	1,038.11	3,458.84	1,058.78	2,400.06
UG 1 AL 1/C- No 2004 use 2003 & 2005	Feet	185	14.95	2004	2,765.32	819.08	1,946.24	6,090.40	1,803.96	4,286.44
UG 1 AL 1/C- No 2007 use 2006 & 2010	Feet	200	20.07	2007	4,013.02	715.87	3,297.16	5,184.61	924.86	4,259.75
UG 1 AL 1/C-	Feet	24	29.27	2010	702.36	125.12	577.24	906.63	161.51	745.12
UG 1 AL 1/C- No 2011 use 2012	Feet	245	30.13	2011	7,381.92	1,048.10	6,333.83	8,080.99	1,147.35	6,933.64
UG 1 AL 1/C-	Feet	91	21.46	2013	1,953.25	240.71	1,712.54	2,096.73	258.39	1,838.34
UG 1 AL 1/C-	Feet	572	24.29	2019	13,891.41	133.98	13,757.44	13,891.41	133.98	13,757.44

UG 2 AL 2/C- No asset	Feet	508	-	1972	-	-	-	-	-	-
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Subtotal	3,565	47,234.40	8,662.44	38,571.96	75,988.25	17,862.61	58,125.64
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Account: E368.0 Line Transformers

OH 1kVA	Each	1	365.44	1990	365.44	201.29	164.15	1,596.54	879.39	717.15
OH 5kVA 120/240V 1PH	Each	1	106.05	1966	106.05	91.75	14.31	1,099.20	950.92	148.28
OH 10kVA 120/240V 1PH	Each	1	386.97	1981	386.97	265.58	121.39	2,005.40	1,376.31	629.09
OH 10kVA 120/240V 1PH	Each	1	433.68	1988	433.68	252.75	180.93	1,995.41	1,162.93	832.49
OH 10kVA 120/240V 1PH	Each	1	500.03	1994	500.03	241.90	258.13	2,092.65	1,012.36	1,080.29
OH 10kVA 120/240V 1PH	Each	1	399.44	1997	399.44	172.19	227.26	1,798.40	775.23	1,023.18
OH 10kVA 120/240V 1PH	Each	1	795.38	2006	795.38	209.86	585.52	2,192.24	578.41	1,613.83
OH 10kVA 120/240V 1PH	Each	1	929.70	2016	929.70	64.62	865.09	1,098.64	76.36	1,022.28
OH 15kVA 120/240V 1PH	Each	1	319.22	1977	319.22	236.06	83.16	2,190.53	1,619.89	570.64
OH 15kVA 120/240V 1PH	Each	1	346.62	1978	346.62	251.85	94.77	2,225.04	1,616.71	608.34
OH 25kVA 120/240V 1PH	Each	1	260.13	1965	260.13	227.66	32.48	2,724.54	2,384.39	340.15
OH 25kVA 120/240V 1PH	Each	1	628.22	1982	628.22	422.37	205.85	3,019.70	2,030.25	989.45
OH 25kVA 120/240V 1PH	Each	2	695.06	1992	1,390.11	719.77	670.34	5,961.89	3,086.93	2,874.97
OH 25kVA 120/240V 1PH	Each	1	715.69	1994	715.69	346.23	369.46	2,995.20	1,448.98	1,546.22
OH 25kVA 120/240V 1PH	Each	1	1,489.33	2010	1,489.33	278.37	1,210.96	2,445.35	457.07	1,988.29
OH 25kVA Dual 120/240V 1PH	Each	2	1,643.13	2018	3,286.25	98.17	3,188.08	3,409.62	101.85	3,307.76
OH 50kVA 120/240V 1PH	Each	1	3,878.30	2012	3,878.30	574.13	3,304.17	5,733.89	848.82	4,885.06
OH 50kVA Dual 120/240V 1PH	Each	1	1,546.62	2006	1,546.62	408.07	1,138.56	4,262.86	1,124.74	3,138.12
OH 50kVA Dual 120/240V 1PH	Each	2	2,544.28	2011	5,088.57	852.40	4,236.17	7,935.93	1,329.37	6,606.56
OH 75kVA 120/240V 1PH	Each	1	1,460.65	1989	1,460.65	828.09	632.56	6,473.68	3,670.15	2,803.54

Account: E368.3 Pad Mt Transformers

UG 25kVA 240/120V 1PH	Each	1	455.73	1972	455.73	428.47	27.25	3,499.97	3,290.68	209.28
UG 25kVA 240/120V 1PH	Each	1	1,982.70	2003	1,982.70	746.49	1,236.21	4,241.55	1,596.95	2,644.60
UG 50kVA 240/120V 1PH	Each	1	1,806.21	1995	1,806.21	1,015.76	790.46	4,597.09	2,585.25	2,011.83
UG 50kVA 240/120V 1PH	Each	1	1,550.87	2001	1,550.87	657.95	892.93	3,403.06	1,443.73	1,959.33

UG 50kVA 240/120V 1PH	Each	1	1,315.47	2002	1,315.47	526.75	788.72	2,790.83	1,117.53	1,673.31
UG 50kVA 240/120V 1PH	Each	1	2,450.43	2004	2,450.43	863.75	1,586.68	4,118.01	1,451.56	2,666.45
UG 50kVA Dual 240/120V 1PH	Each	1	3,289.89	2007	3,289.89	922.76	2,367.13	3,080.50	864.03	2,216.47
UG 50kVA Dual 240/120V 1PH	Each	1	3,806.77	2010	3,806.77	796.75	3,010.01	4,525.69	947.22	3,578.47
UG 100kVA 240/120V 1PH	Each	1	1,846.63	2001	1,846.63	783.42	1,063.21	4,052.04	1,719.05	2,332.99
UG 100kVA 240/120V 1PH	Each	1	6,522.04	2011	6,522.04	1,212.54	5,309.50	7,094.80	1,319.02	5,775.78
UG 100kVA Dual 240/120V 1PH	Each	1	12,486.65	2012	12,486.65	2,032.10	10,454.55	13,544.84	2,204.31	11,340.53
UG 167kVA Dual 240/120V 1PH	Each	1	6,178.89	2019	6,178.89	62.08	6,116.81	6,178.89	62.08	6,116.81
UG 300kVA Dual 480/277V 3PH	Each	1	16,825.05	2013	16,825.05	2,352.88	14,472.17	18,781.45	2,626.47	16,154.98
Subtotal				36	84,843.73	19,144.79	65,698.94	143,165.44	47,758.94	95,406.50

Account: E369.0 OH Dist - Services

OH 1/0 4/C- service	Feet	160	0.94	1967	149.74	149.74	-	1,404.13	1,404.13	-
OH 1/0 AL 3/C- service	Feet	10	3.74	1994	37.38	32.55	4.83	75.42	65.68	9.75
OH 2 AL 3/C- service	Feet	1	0.38	1962	0.38	0.38	-	4.34	4.34	-
OH 2 AL 3/C- service	Feet	80	0.33	1964	26.54	26.54	-	291.95	291.95	-
OH 2 AL 3/C- service	Feet	22	0.98	1981	21.51	21.51	-	63.10	63.10	-
OH 2 AL 3/C- service	Feet	12	16.14	2012	193.69	45.89	147.80	216.81	51.37	165.44
OH 4/0 AL 3/C-service	Feet	53	0.34	1966	17.79	17.79	-	178.55	178.55	-
OH 4/0 AL 3/C-service	Feet	135	0.34	1968	45.48	45.48	-	400.27	400.27	-
OH 4/0 AL 4/C-service	Feet	130	17.33	2006	2,253.46	1,013.67	1,239.79	3,011.64	1,354.72	1,656.92
Subtotal				603	2,745.98	1,353.56	1,392.42	5,646.21	3,814.10	1,832.11

Account: E369.2 UG Dist - Services

UG 1/0 AL 3/C- service	Feet	55	4.28	1986	235.13	162.54	72.60	618.36	427.44	190.91
UG 1/0 AL 3/C- service	Feet	94	4.26	1991	400.59	240.45	160.14	875.69	525.63	350.06
UG 1/0 AL 3/C- service	Feet	4	4.09	1996	16.37	8.23	8.15	33.49	16.82	16.66
UG 1/0 AL 3/C- service	Feet	90	4.11	2006	369.86	107.99	261.87	473.26	138.18	335.09
UG 1/0 AL 3/C- service	Feet	24	16.72	2017	401.33	21.26	380.06	458.11	24.27	433.84
UG 350 AL 3/C - service	Feet	335	2.95	1994	988.54	536.07	452.47	2,088.99	1,132.82	956.17
UG 350 AL 3/C - service	Feet	16	5.11	1999	81.82	36.08	45.74	168.42	74.27	94.15
UG 350 AL 3/C - service	Feet	9	3.72	2001	33.44	13.34	20.09	64.70	25.82	38.88
UG 350 AL 3/C - service	Feet	8	3.66	2002	29.30	11.07	18.23	53.64	20.27	33.37
UG 350 AL 3/C - service	Feet	240	3.90	2003	936.32	333.88	602.44	1,688.21	601.99	1,086.22
UG 350 AL 3/C - service	Feet	10	4.13	2004	41.31	13.84	27.46	73.09	24.50	48.60
UG 350 AL 3/C - service	Feet	10	4.23	2007	42.30	11.43	30.87	57.24	15.46	41.78
UG 350 AL 3/C - service	Feet	25	11.26	2010	281.54	57.60	223.94	382.89	78.33	304.56
UG 350 AL 3/C - service	Feet	25	8.60	2011	215.03	39.30	175.73	250.87	45.86	205.02
UG 350 AL 3/C - service	Feet	3	16.72	2017	50.17	2.66	47.51	57.26	3.03	54.23

UG 350 AL 3/C - service	Feet	83	15.57	2019	1,292.62	13.59	1,279.03	1,292.62	13.59	1,279.03
UG 4/0 AL 3/C-service	Feet	124	1.31	1972	163.05	147.14	15.91	881.97	795.90	86.06
UG 4/0 AL 3/C-service	Feet	261	1.88	1977	490.32	409.34	80.99	1,977.92	1,651.22	326.70
UG 4/0 AL 3/C-service	Feet	43	1.96	1978	84.31	69.16	15.16	318.51	261.26	57.26
UG 4/0 AL 3/C-service	Feet	7	3.38	1982	23.64	17.93	5.71	62.16	47.14	15.02
UG 4/0 AL 3/C-service	Feet	15	3.25	1995	48.81	25.50	23.31	99.92	52.21	47.72
UG 4/0 AL 3/C-service	Feet	147	4.14	1997	608.63	293.44	315.19	1,226.28	591.23	635.05
UG 4/0 AL 3/C-service	Feet	164	4.11	2006	673.97	196.78	477.19	862.39	251.79	610.60
UG 4/0 AL 3/C-service	Feet	94	11.01	2012	1,034.74	166.74	868.00	1,099.41	177.16	922.25
UG 350 AL 4/C - service	Feet	36	15.61	2013	561.86	78.29	483.57	586.51	81.73	504.78
Subtotal				1,922	9,104.99	3,013.64	6,091.35	15,751.90	7,077.91	8,673.98
Account: E373.0 Dist - Street Lighting and Sign										
100W HPS OH Feed	Each	2	449.22	1996	898.43	642.10	256.33	1,943.52	1,389.03	554.49
Subtotal				2	898.43	642.10	256.33	1,943.52	1,389.03	554.49
TOTALS		32,668			269,539.09	77,805.33	191,733.76	520,272.84	243,223.69	277,049.15

previously approved total was \$ 224,280.81
 increase - \$ 52,768.34

Attached for 2/17/20 meetings. Would be looking for PW recommendation to CC to approve the plat and relocation order so that we (City and MSA) have authorization to move ahead to the next steps of the acquisition process. The next steps are to: conduct appraisals, establish fair market values of the FEE areas listed in the schedule of lands on page 2 of the plat, and then develop agreements with the property owners to complete transactions.

RELOCATION ORDER

LPA1708 08/2011 (Replaces LPA3006)

Project 00085095	Road name CITY OF WISCONSIN DELLS, CTH A (USH 12 -COMMERCIAL AVENUE	Highway CTH A	County SAUK
Right of way plat date 02/12/2020	Plat sheet number(s) 1 - 2	Previously approved Relocation Order date N/A	

Description of termini of project:

Beginning at a point APPROXIMATELY 189 feet south of and 487 feet west of the Center of Section 4, T-13-N, R-6-E, City of Wisconsin Dells, Sauk County, Wisconsin, thence northerly to a point APPROXIMATELY 354 feet north of and 459 feet west of the Center of Section 4, T-13-N, R-6-E, City of Wisconsin Dells, Sauk County, Wisconsin as shown on the right-of-way plat or a copy thereof marked:

CITY OF WISCONSIN DELLS, CTH A
(USH 12 - COMMERCIAL AVENUE)
CTH A SAUK COUNTY

The same being sheets 1 - 2 of said plat.

To properly establish, lay out, widen, enlarge, extend, construct, reconstruct, improve, or maintain a portion of the highway designated above, it is necessary to relocate or change and acquire certain lands or interests in lands as shown on the right of way plat for the above project.

To effect this change, pursuant to authority granted under Section 62.22, Wisconsin Statutes, the City of Wisconsin Dells orders that:

1. The said road is laid out and established to the lines and widths as shown on the plat.
2. The required lands or interests in lands as shown on the plat shall be acquired by: City of Wisconsin Dells
3. This order supersedes and amends any previous order issued by the: City of Wisconsin Dells

Name and Title

Date

R/W PROJECT NUMBER 00085095	SHEET NUMBER	TOTAL SHEETS
R/W PROJECT NUMBER 00085095	1	2
PLAT OF RIGHT OF WAY REQUIRED FOR CITY OF WISCONSIN DELLS, CTH A (USH 12-COMMERCIAL AVENUE)		
CTH A	SAUK COUNTY	

ORIGINAL PLAT PREPARED BY



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1702 Pankratz Street, Madison, WI 53704
608-242-7779 1-800-446-0679 www.msa-ps.com
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02/12/2020
(DATE)

Bradley L. Tisdale
(Professional Land Surveyor)

CAUTION:
THIS PLAT IS FOR ILLUSTRATIVE PURPOSES ONLY. DEEDS
MUST BE CHECKED TO DETERMINE PROPERTY BOUNDARIES.



PROJECT LOCATION

CONVENTIONAL SYMBOLS

SECTION LINE		PARCEL NUMBER		UTILITY NUMBER	
QUARTER LINE		SECTION CORNER		R/W MONUMENT	
SIXTEENTH LINE		NOTATION FOR COMBUSTIBLE FLUIDS		NON-MONUMENTED R/W POINT	
NEW REFERENCE LINE		NOTATION FOR HIGH VOLTAGE TRANSMISSION LINES		FOUND IRON PIN	
NEW R/W LINE		CAUTION		VALVE (GAS, WATER, ETC.)	
EXISTING R/W LINE		SIGN		OFF-PREMISE SIGN	
PROPERTY LINE		ACCESS CONTROLLED BY ACQUISITION			
LOT, TIE, AND OTHER MINOR LINES		NO ACCESS (BY STATUTORY AUTHORITY)			
SLOPE INTERCEPT		ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)			
CORPORATE LIMITS		NO ACCESS (NEW HIGHWAY)			
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)		NATIONAL GEODETIC SURVEY MONUMENT			
FEE ACQUISITION AREA (HATCHING VARIES BY OWNER)		SIXTEENTH CORNER MONUMENT			
TEMP. LIMITED EASEMENT AREA		PARALLEL OFFSETS			
EASEMENT AREA (HIGHWAY, PERMANENT LIMITED, OR RESTRICTED DEVELOPMENT)					
TRANSMISSION STRUCTURES					
BUILDING					
BUILDING (TO BE REMOVED)					
BRIDGE					

CONVENTIONAL UTILITY SYMBOLS

WATER	
GAS	
TELEPHONE	
OVERHEAD TRANSMISSION LINES	
ELECTRIC	
CABLE TELEVISION	
FIBER OPTIC	
SANITARY SEWER	
STORM SEWER	
ELECTRIC TOWER	

POWER POLE		NON-COMPENSABLE		COMPENSABLE	
TELEPHONE POLE					
TELEPHONE PEDESTAL					

CURVE DATA ABBREVIATIONS

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

CONVENTIONAL ABBREVIATIONS

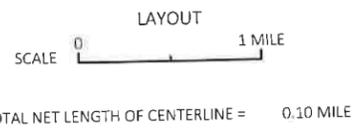
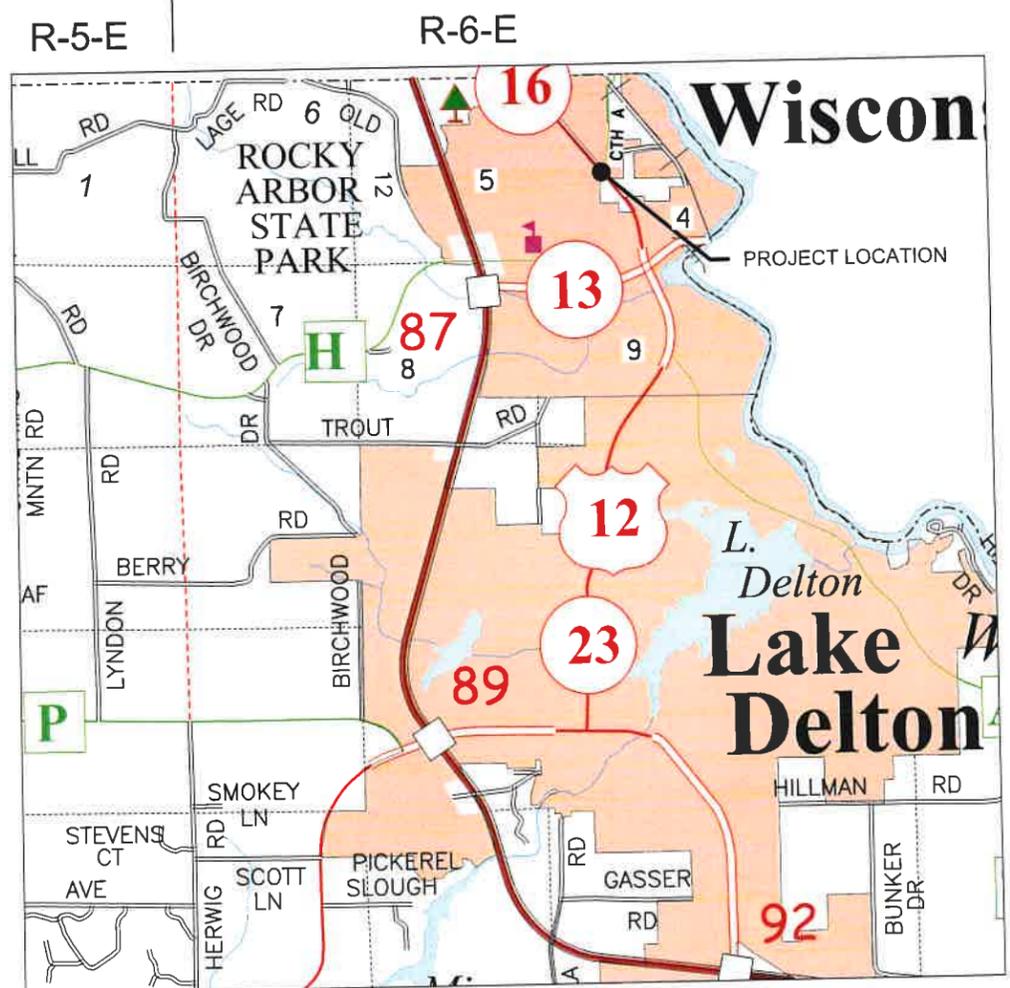
ACCESS RIGHTS	AR	OUTLOT	OL
ACRES	AC	PAGE	P
AHEAD	AH	POINT OF TANGENCY	PT
ALUMINUM	ALUM	PROPERTY LINE	PL
AND OTHERS	ET AL	RECORDED AS	(100')
BACK	BK	REEL / IMAGE	R/I
BLOCK	BLK	REFERENCE LINE	R/L
CENTERLINE	C/L	PERMANENT LIMITED EASEMENT	PLE
CERTIFIED SURVEY MAP	CSM	POINT OF BEGINNING	POB
CONCRETE	CCNC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

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK 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.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

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.



SCHEDULE OF LANDS & INTERESTS REQUIRED		OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY.				
PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SO FT REQUIRED	TLE SO FT		
			NEW	EXISTING	TOTAL	
1	PLEASANT VALLEY PROPERTIES OF WI LLC	FEE/TLE	5118	--	5118	739
2	ANNA NYKAZA REVOCABLE LIVING TRUST	FEE	2,312	10,771	13,083	--

UTILITY INTERESTS REQUIRED				
UTILITY NUMBER	OWNER(S)	PARCEL AFFECTED	INTEREST REQUIRED	EASEMENT AFFECTING
80	WISCONSIN POWER & LIGHT - ELECTRIC	1	RELEASE OF RIGHTS	BLANKET EASEMENT #276199
81	CHARTER COMMUNICATION	1	RELEASE OF RIGHTS	NO EASEMENT OF RECORD
82	FRONTIER COMMUNICATIONS	1	RELEASE OF RIGHTS	NO EASEMENT OF RECORD

SCHEDULE OF SIGN STRUCTURES	
SIGN NUMBER	SIGN OWNER(S)
S1	STAND ROCK CAMPGROUND

CTH A (EAST CURB) ALIGNMENT INFORMATION

STA 21+54.76
Y = 296,643.741
X = 637,964.843

DA = N06°06'22"E

PI = STA 22+70.32
Y = 296,758.644
X = 637,977.135
Δ = 9°23'27"
T = 82.13'
L = 163.90'
R = 1000.00'
LC = 163.72'
CB = N01°24'39"E
PC = STA 21+88.18
PT = STA 23+52.08

DA = N03°17'05"W

PI = STA 25+07.57
Y = 296,995.875
X = 637,963.520
Δ = 12°03'51"
T = 72.28'
L = 144.02'
R = 684.00'
LC = 143.76'
CB = N02°44'51"E
PC = STA 24+35.29
PT = STA 25+79.32

DA = N08°46'46"E

STA 27+00.00
Y = 297,186.573
X = 637,992.972

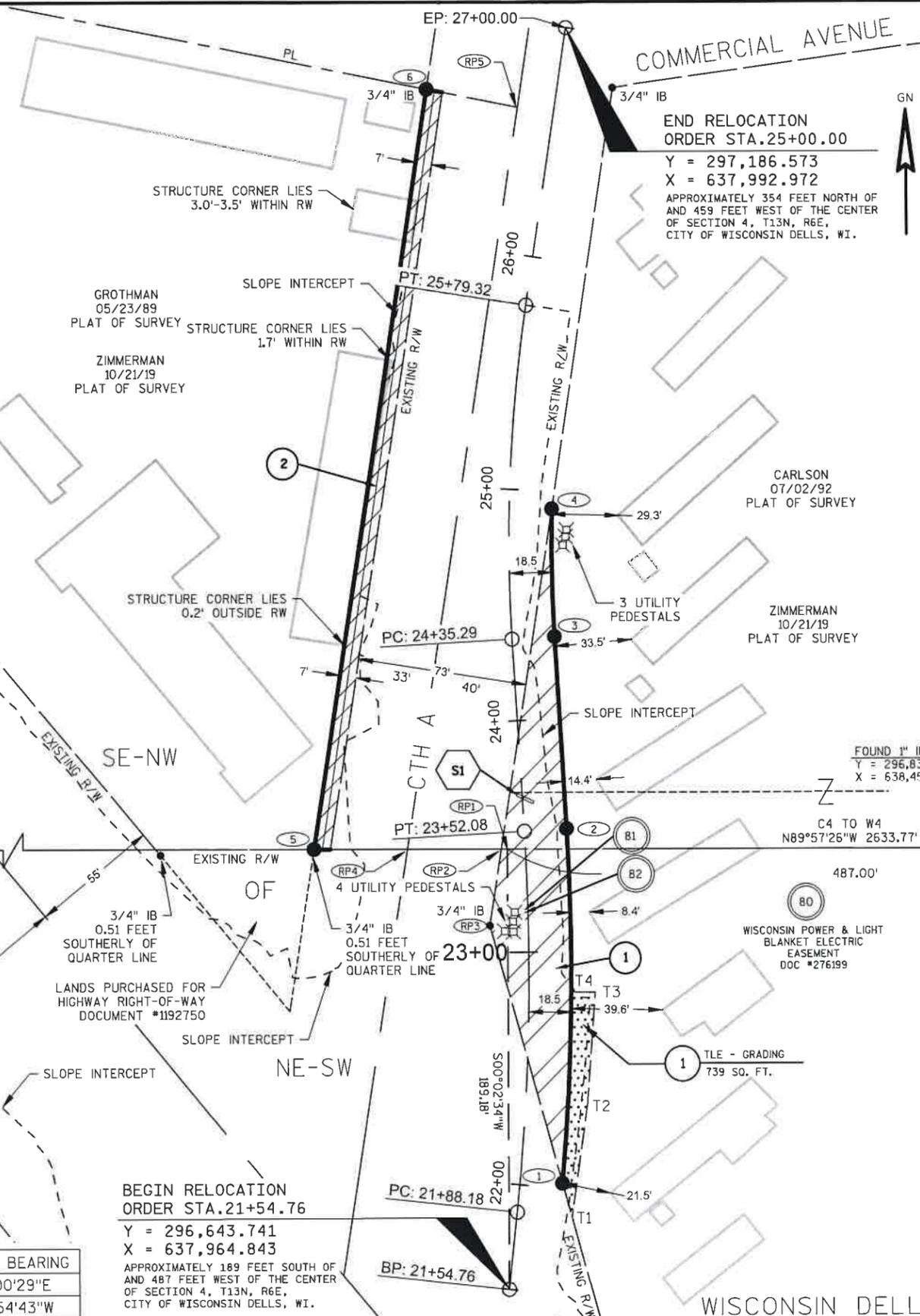
R/W POINT	STATION	OFFSET	NORTHING	EASTING
1	22+02.25	18.50' R	296,689.259	637,988.216
2	23+52.08	18.50' R	296,841.703	637,990.898
3	24+35.29	18.50' R	296,924.776	637,986.131
4	24+91.94	18.50' R	296,979.869	637,985.254
5	23+49.41	91.24' L	296,832.987	637,881.478
6	26+64.56	55.93' L	297,160.084	637,932.288

LINE	BEARING	DISTANCE
2-3	N03°17'05"W	83.21'
4-RP3	S08°49'46"W	182.09'
RP3-1	S15°36'16"E	114.92'
RP1-RP2	N89°57'26"W	2.56'
RP2-RP3	S08°49'46"W	33.38'
RP1-RP4	N89°57'26"W	43.03'
RP4-5	N89°57'26"W	40.48'
5-6	N08°49'46"E	331.02'
6-RP5	S78°44'16"E	40.04'
RP5-RP4	S08°49'46"W	323.14'

TLE POINT	STATION	OFFSET
T1	21+88.51	23.97' R
T2	22+36.00	27.00' R
T3	22+83.00	29.00' R
T4	22+83.00	18.50' R

CURVE	LENGTH	RADIUS	DELTA	CHORD DISTANCE	CHORD BEARING
1-2	152.61'	1018.50'	08°35'06"	152.47'	N01°00'29"E
3-4	55.12'	665.50'	04°44'43"	55.10'	N00°54'43"W

REVISION DATE	DATE	SCALE, FEET	HWY:	CITY R/W PROJECT NUMBER	PLAT SHEET
	02/12/2020	0 30 60	CTH A	00085095	2 OF 2
			SAUK	00085095	PS&E SHEET N/A



R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
00085095	2	2

PLAT OF RIGHT OF WAY REQUIRED FOR
CITY OF WISCONSIN DELLS, CTH A
(USH 12 - COMMERCIAL AVENUE)

CTH A SAUK COUNTY

NOTES:

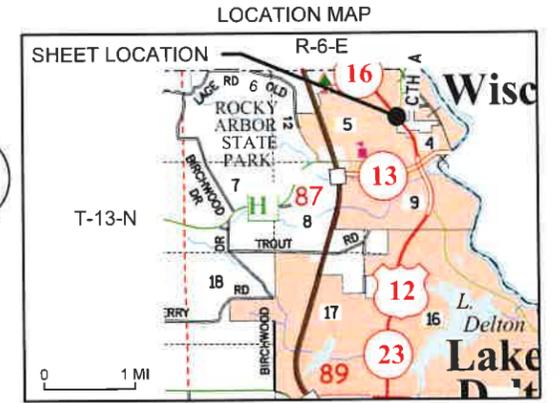
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), SAUK COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE 3/4"X24" REBAR AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

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.

USH 12 RIGHT-OF-WAY BASED ON CSM #6737, GROTHMAN PLAT OF SURVEY, ZIMMERMAN PLAT OF SURVEY AND PREVIOUS FEDERAL PROJECT 44 & 176.

CTH A RIGHT-OF-WAY BASED ON CSM #6737, GROTHMAN PLAT OF SURVEY, CARLSON PLAT OF SURVEY, ZIMMERMAN PLAT OF SURVEY AND DOCUMENT #361388.



MSA ENGINEERING | ARCHITECTURE | SURVEYING
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1702 Panikratz St Madison, WI 53704
(608) 242-7779 www.msa-ps.com

I, BRADLEY L. TISDALE, 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 CITY OF WISCONSIN DELLS I HAVE SURVEYED AND MAPPED THIS RIGHT OF WAY PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL INTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: *Bradley L. Tisdale* DATE: 02/12/20
PRINT NAME: BRADLEY L. TISDALE
REGISTRATION NUMBER: S-2824

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF WISCONSIN DELLS

SIGNATURE: _____ DATE: _____
PRINT NAME: _____



 **MSA** Memo

To: Chris Tollaksen – Zoning Administrator
City of Wisconsin Dells

From: Chuck Bongard, P.E.

Subject: Michigan Avenue/STH 13 Connection

Date: January 28, 2020 (Updated February 11, 2020)

The City has contemplated the connection of Michigan Avenue to STH 13 for a number of years. The right-of-way is platted and the connection on the east side of STH 13 to the Oaklawn Subdivision was constructed in the late 1980s. Development currently proposed on the west side of the highway has again raised the issue for consideration. While the current proposal for multi-family housing on Race Street may not mandate the highway connection at the present time, if the City determines that this connection is desirable in the future, then the grading of the multi-family site needs to take into account the future grade of Michigan Avenue.

The quadrant of the City west of STH 13 and north of Broadway has been a combination of commercial development and lower density residential housing. There is a 60-unit multi-family project currently proposed for vacant land south of Michigan Avenue and east of Race Street. There is also a potential gas station/convenience store under consideration for the intersection of Broadway and Race Street as a re-development of the Indian Trail Motel site. It seems likely that re-development will continue to occur on lands to the west of Race Street and north of Broadway. While none of the currently proposed projects will likely mandate the immediate connection of Michigan Avenue, the cumulative effect of these current and future projects will add traffic pressure to the intersections of Race Street and Broadway and Vine Street and Broadway.

The distance along State Highway 13 from Broadway (STH 23) to River Road is one mile. The distance from Broadway to Michigan Avenue is approximately 1000 feet or roughly one fourth of the total distance. So the connection of Michigan Avenue would provide another route for residents of that part of the City (and emergency responders) to exit or enter that neighborhood from the north or from the east. The potential negative perception of a connection at Michigan Avenue is that it will increase traffic on relatively quiet City streets. The City must decide if that negative perception outweighs the benefit of improved access and circulation.

Without the benefit of a complete Traffic Impact Analysis (TIA) it is not possible to project the level of improvement to circulation that would occur, or at what point in time that traffic would dictate that this

MEMO

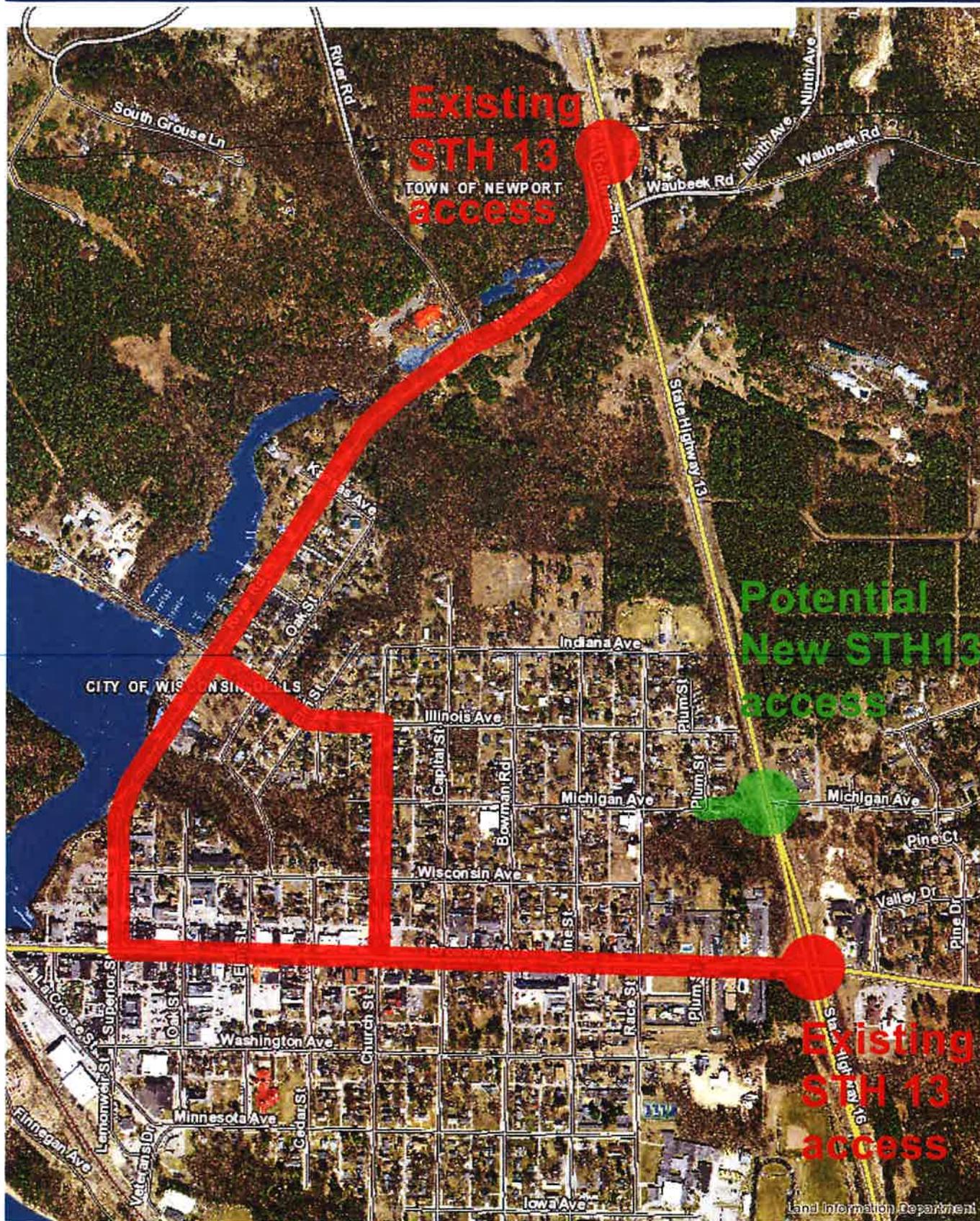
January 28, 2020

road connection be made. Such a TIA will likely be required by the Department of Transportation prior to allowing the road connection to be made.

Absent a defined proposed land use (such as was the case with the Woodside Sports Complex), future land uses and timelines need to be assumed to project traffic generation, so there is a level of speculation in a TIA. Traffic levels for existing conditions and with those known uses can be accurately projected although those levels may not show an immediate need for the street connection.

As a point of reference, the current average daily traffic (adt) on Race Street at between Wisconsin Avenue and Broadway is 200 vehicles. The proposed 60-unit motel would add approximately 440 vehicles to this count if all of the traffic from the apartment complex travels on Race Street. What percentage of those trips would use Michigan Avenue to STH 13 could only be estimated. The current average daily traffic on Broadway at Race Street is 8,900 vehicles. Experience with a convenience store near our office shows that this traffic level will increase as locals choose to patronize that business. So it is safe to assume that the level of traffic congestion at Broadway and Race Street will increase with the two uses currently being contemplated. Again, how much improvement would result in the connection of Michigan Avenue to STH 13 can only be speculated but with experience drivers will seek a path of lesser congestion.

So with the current level of available information, I cannot make a definitive case for the connection of Michigan Avenue to STH 13, but my engineering judgement tells me that this connection would provide a level of convenience and improved access to and from this part of the City. I think it is important to get the input of emergency response providers regarding this issue.





Michigan Ave.

Potential extension of Michigan Ave. to HWY 13

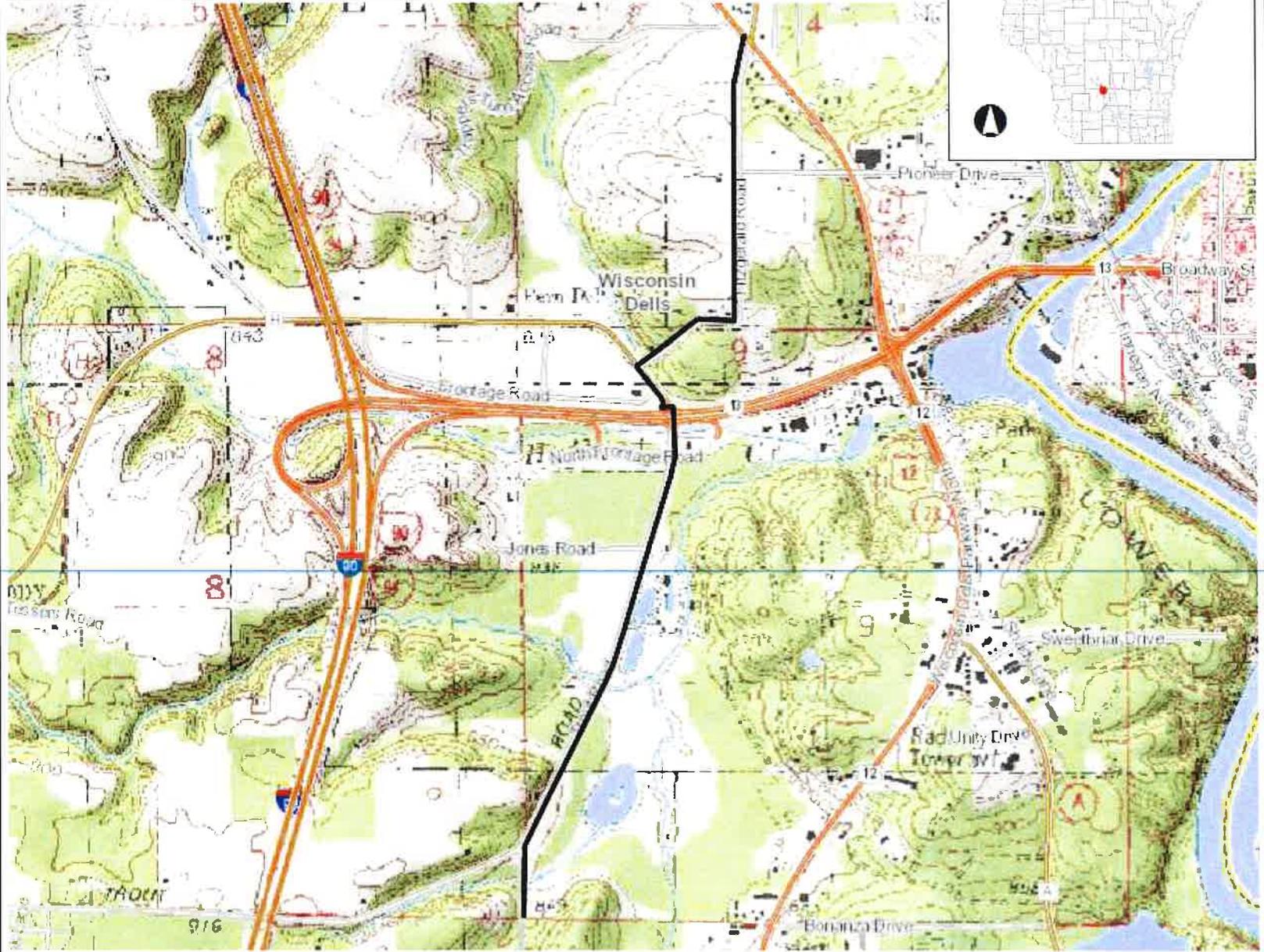
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MLS Grant - Project Limits



Trout Road & Fitzgerald Road Multi-Use Path



- Legend**
- Municipality
 - State Boundaries
 - County Boundaries
 - Major Roads**
 - Interstate Highway
 - State Highway
 - US Highway
 - County and Local Roads**
 - County HWY
 - Local Road
 - Railroads
 - Tribal Lands
 - Rivers and Streams
 - Intermittent Streams
 - Lakes and Open water
 - 24K USGS Quad Index - Level 7 - 16



NAD_1983_HARN_Wisconsin_TM

1: 15,840

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Notes

Project Limits

STEWARDSHIP APPLICATION - AMENDED MULTI-USE PATH ROUTE

