

VILLAGE OF ROCHESTER COMMITTEE MEETINGS

300 W. SPRING STREET, P.O. BOX 65, ROCHESTER, WI 53167, PHONE (262)534-2431, FAX (262)534-4084

AGENDA

Public Works Committee

Monday, August 29th, 2016

7:00 PM

**ROCHESTER VILLAGE HALL
300 W. Spring Street, Rochester WI**

1. Call meeting to order.
2. Member Roll Call: Chris Johnson (Chairperson), Nick Ahlers, Chris Bennett, Gary Beck Jr; Ed Chart, Vince Klemko, Mike Weinkauff and Christopher Birkett, Public Works Manager

THE FOLLOWING ITEMS WILL BE DISCUSSED WITH POSSIBLE ACTION BY THE PUBLIC WORKS COMMITTEE:

3. Period for public comment.
4. Approve minutes from the July 25th Public Works Comm. meeting.

Information Items:

5. Update on N. River Rd. project.

Action Items:

6. Review request to keep chickens at 407 Paul St.
7. Ag school drainage easement specifications and landowners Q&A.
8. Review and select sewer repair contractor.
9. Review and select sidewalk replacement contractor.
10. Review possible approval of final proposal for new bridge lighting.
11. Adjourn.

It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above stated meeting to gather information; no action will be taken by any other governmental body except the Public Works Committee.

Please note: Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service, please contact the Village Hall at 262-534-2431.

*Posted; 8-26-2016
Christopher J Birkett
Manager DPW.*

Chris Johnson called the meeting to order at 7:00 p.m. with Nick Ahlers, Chris Bennett, Gary Beck Jr., Ed Chart, Vince Klemko, and Mike Weinkauf present.

Also present: Village Trustee Gary Beck; Christopher Birkett, Public Works Manager; and Betty Novy, Clerk-Treasurer, were present.

Period for Public Comment: No citizens registered for public comment.

Weinkauf moved, 2nd by Gary Beck Jr. to approve the minutes from the June 27, 2016 meeting. Motion carried.

Information Items:

Update on N. River Road project.

Birkett reported the job is progressing well. The last sewer lateral replacement occurred the day of the meeting. The project required a much higher amount of slurry than originally estimated due to the soil conditions in the trenches. The estimated cost of slurry was \$80,000. Actual costs are just shy of \$200,000. Payne & Dolan would not allow the use of any other fill material or they would not guarantee the pavement. Out of 39 originally estimated replacements, 35 were actually completed- two properties shared lateral connections; and the connection of one property actually went to Evergreen Drive. Chart complained that the sewer contractors have not been doing a good job of fixing the road at the end of each work day. The road has been left rough and dusty. Birkett noted they have been using salt brine to keep down the dust, but it is getting on bikes and cars and that has been generating other types of complaints.

Action Items:

Review, discuss, and provide direction on any follow up actions resulting from the July 25, 2016 Academy Road drainage meeting

Committee members discussed some of the actions County officials asked of the Village in terms of following up on drainage issues brought up by residents at the meeting. Ahlers moved, 2nd by Weinkauf to recommend authorizing up to five hours of the village engineer's time to prepare a report of what's been done on the Ag School Drain Tile project to date and to provide rough cost estimates for the remainder of the work, including the preparation of easements and the cost of installing new pipe, based on information already documented in the Ag School Tile Drainage Study. Motion carried.

Resolution #2016-10 "Endorsing a Memorandum of Understanding Between the Town of Burlington and Village of Rochester" (to allow the use of each other's administrative facilities in the case of a catastrophic event).

Skip Twadorz, Town of Burlington Emergency Manager, addressed the Committee. Twadorz explained the purpose of the memorandum of understanding is to provide for the continuation of governmental operations should the facilities of either municipality be impacted to the point of non-use. He noted Town of Burlington and Village of Rochester have similar sized administrative operations and that the two are similar and compatible in terms of needs. This makes the cooperative agreement a good fit. Bennett moved, 2nd by Chart to recommend adoption of Resolution #2016-10. Motion carried.

Discussion and possible action regarding paving parking areas on Main St in conjunction with County paving project.

Birkett reported on notification that Racine County has money left over in their road replacement budget and is planning on resurfacing Hwy D. (Main Street) from State Street to Highway 36 this fall. The parking areas on Main Street are the Village's responsibility. The county inquired whether the Village would like to include resurfacing of the parking area with their project. Costs to resurface and re-stripe the parking area are estimated between \$15,000 and \$20,000. The county also offered to finance the Village's portion of the project on the condition that they be reimbursed in 2017. It was noted that the cost to complete the work with the county's

project is much less than if the work would be performed separately. Birkett also noted that underground stormwater and sewer utility mains should be televised before the asphalt is replaced to determine whether any repairs are needed. Bennett moved, 2nd by Beck Jr. to recommend including the resurfacing of Main Street parking areas with the County Highway D paving project with the Village to reimburse those costs to the County as funds allow, but no later than 2017. Motion carried.

Review and make recommendation regarding adoption of CMOM (Capacity Management Operations and Maintenance) plan.

Birkett reported that the creation of a Capacity, Management, Operations and Maintenance plan was mandated by the Wisconsin Department of Natural Resources. Each sewer utility in the state was required to have a plan in place by August 1st to keep its system current on maintenance, to identify the strengths and weaknesses of its system, and to outline the proper procedures to handle spills and other discharges. Committee members reviewed the plan. Klemko moved, 2nd by Bennett to recommend adoption of the CMOM plan as presented. Motion carried.

Bennett moved, 2nd by Chart to adjourn at 7:41 p.m. Motion carried.

Respectfully submitted:

Betty J. Novy, MMC CMTW WCPC
Clerk-Treasurer

Staff Report DPW Committee.

8-29-2016

Approve minutes. Minutes are in packets.

Information Items.

Update on N. River Rd. This is what I sent to the residents: Here is the latest schedule for the project. This is subject to change due to weather and subcontractors scheduling.

The ditching is not complete due to the sewer lining company working in the same area as the excavators, once they have moved on the ditch work will continue. The road base will be getting touched up and any soft spots dug up and replaced on the 31st of August. The first layer of asphalt is due to go down on the 6th of September. The pavers will be working around the sewer lining company, so they won't be able to pave from one end all the way through to the other. There will be some jumping around to accommodate the lining company. When the first layer is done the contractor will start working on the landscape repairs.

The sewer lining on N. River Rd should be done by September 14th, they will then have 3-4 days on Evergreen Dr. The finish layer of asphalt is expected to be placed on the 15th of September, the remainder of the work, landscape finishing, shoulder work and the epoxy paint striping will follow that operation. The mailboxes will then be reinstalled on the 26th. The estimated time for completion is September 27th.

While the paving operation is being carried out you might experience some short delays if they are paving past your driveway you might have a 10 min wait before you can drive on the new asphalt, please be patient. I will be informing the contractors when school starts and also the bus companies that our project is not done and what they can expect with the work schedule.

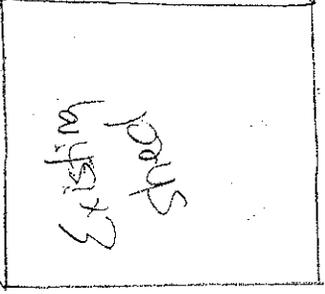
Action Items:

Chicken Permit. We have another request to keep chickens. The location is at 407 Paul St. I will report on my inspection and have a recommendation at the meeting.

Academy Rd. Drainage. I have invited three property owners to our meeting, Tom Kircher is not able to attend, but is open to what we are proposing. Tim Wegge might not be able to make it but I have been emailing him with what the project will entail. I have not heard from Mr. Rivera, I will try to contact him by meeting time.

Sewer repair on HWY D. The sewer main between Musquequak and N Washington St. has a slipped joint and bad cracking by that joint. This is not repairable with trenchless technology. I have contacted 3 contractors Wanasek, Reesman, RLP Diversified. Wanasek is the low bid at **\$7,350.00**, Reesman at **\$12,252.70**, RLP Diversified at **\$12,865.00**.

Fencing -



garden area

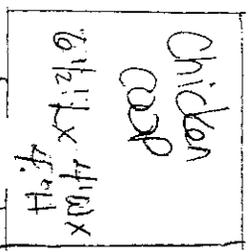
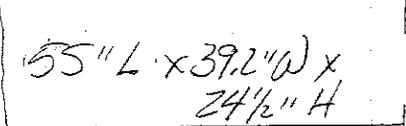


Back of house

Garage

Double door

Chicken Run



Garden area

Fencing

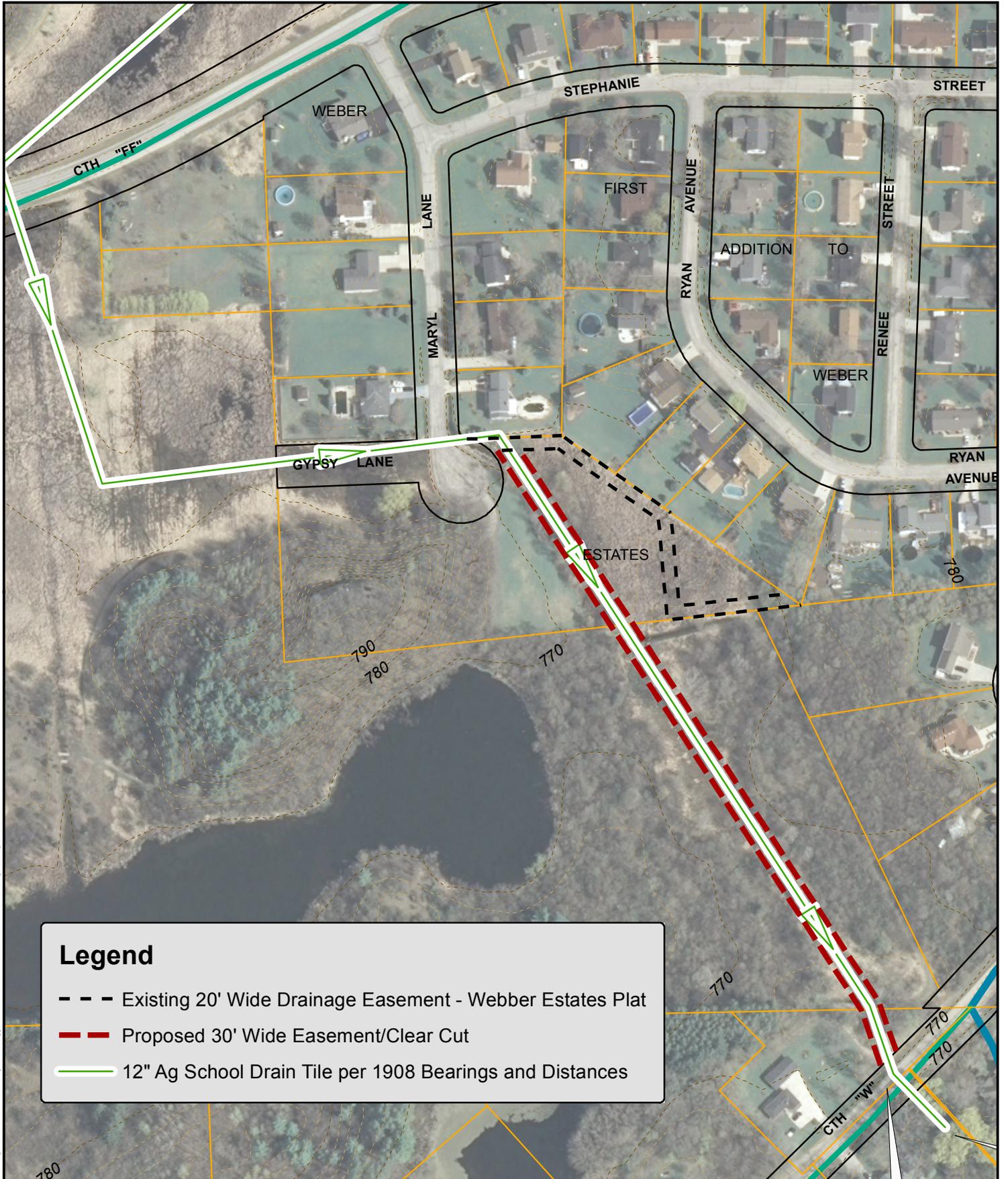
Fencing

Written plan for disposal of manure:

407 Paul Street, Rochester, WI. 53167

Using dry and absorbent bedding, and having a well-ventilated coop. We will be using pine shavings as bedding because it dries out the manure and can be sifted through and easily disposed of. We will be using a compost pile as well to dispose of the manure which is already in place. I use shavings in the nesting boxes and on the floor. If a hen poops in the nesting box, it's easy to clean out using a kitty litter scoop. I will do this daily. I might also use the scoop or a rake if I see a big pile on the floor. Once a week I will be going into the coop and, using a fine-tined pitchfork, sift through the shavings, removing the manure

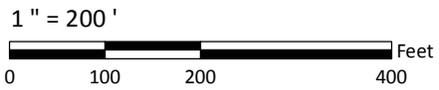
We will have a bin placed outside near the coop for extra bedding and a large garbage can strictly used for disposal to be carried over to the compost pile.



Legend

- Existing 20' Wide Drainage Easement - Webber Estates Plat
- Proposed 30' Wide Easement/Clear Cut
- 12" Ag School Drain Tile per 1908 Bearings and Distances

I:\Burlington\GIS\General\GIS\Ag_School\Wedge_Krueger.mxd Saved: 5/25/2016 3:14:58 PM Designer: 391jlr





Wanasek Corporation
 29606 Durand Avenue
 Burlington, WI 53105
 Phone (262)763-3561
 Fax (262)767-9917

To: Rochester, Village Of Address: 303 E. State Street Rochester, WI 53167	Contact: Chris Birkett Phone: Fax:
Project Name: Rochester Sanitary Repair Project Location: E. Main St & Musquequak St, Rochester, WI	Bid Number: Bid Date: 08/23/2016

Item #	Item Description	Estimated Quantity	Unit
1	Mobilization	1.00	LS
2	Traffic Control	1.00	LS
3	Replacement Of Approximately 10' Of 8" Sanitary Line	10.00	LF
4	Lawn Restoration	40.00	SY

Total Bid Price: \$7,350.00

Notes:

- Exclusions: Excavation below subgrade due to poor soil conditions, locating of private underground utilities, all unforeseen excavation obstructions (such as buried frost walls and footings), erosion control.
- As required by the Wisconsin Lien law, The Wanasek corp. hereby notifies you that persons or companies furnishing labor or material for construction on your land may have lien rights on your land and buildings is not paid. Those entitled to lien rights, in addition to the undersigned, are those who contract directly with you or those who give you notice within 60 days after they first furnished labor or material for the construction. Accordingly, you will probably receive notice from those who furnish labor or material for the construction, and you should give a copy of each notice received to your mortgage lender, if any. We agree to cooperate with you and your lender, if any, to see that all potential lien claimants are duly paid.
- 1% Bond fee is not included.

Payment Terms:

Payment terms of net 30 days from the date of invoice. A 1.5% service charge will be added on all past due outstanding balances.

<p>ACCEPTED:</p> <p>The above prices, specifications and conditions are satisfactory and are hereby accepted.</p> <p>Buyer: _____</p> <p>Signature: _____</p> <p>Date of Acceptance: _____</p>	<p>CONFIRMED:</p> <p>The Wanasek Corporation</p> <p>Authorized Signature: _____</p> <p>Estimator: Ron D Miller (262) 763-3561 rdmill@wanasek.com</p>
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PROPOSAL



Reesman's Excavating & Grading, Inc.

28815 Bushnell Road
Burlington, WI 53105
Phone:
Fax:

Quote To: Village of Rochester
C/O Chris Birkett

Job Name: CTHD Sewer Repair
Date of Plans: N/A
Date of Proposal: 8-23-2016
Proposal Number: 16-099

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization	1.00	LS	1,687.45	1,687.45
2	8" Sewer Repair	10.00	LF	826.89	8,268.90
3	Restoration	1.00	LS	2,296.35	2,296.35
GRAND TOTAL					\$12,252.70

NOTES:

1. Proposal based on replacing 10 feet of 8" sewer main.
2. Includes slurry backfill
3. Includes Sidewalk replacement, asphalt replacement, and lawn replacement. Quantity is relative to 40 l.f. of disturbance.
4. Permits by owner.
5. Includes Flaggers for traffic control.
6. Does not include post repair televising.

8.25.2016

RLP DIVERSIFIED INC.
207 FRONT STREET
BURLINGTON WI 53105
262-206-1297

Proposal to:

Village OF Rochester WI

RE: East Main and Musquequack

Site utility repairs

Provide all equipment, labor, materials and traffic control for the repair of 10' of 8" Sewer main along HWY D.

Any sidewalk or asphalt damaged will be replaced.

Backfill to be aggregate slurry to sub grades

Furnish topsoil and seeding restoration

Estimated cost for work to be performed \$12,865.00



We Energies
 700 S. Kane St.
 Burlington, WI 53105

www.we-energies.com

August 24, 2016

Village of Rochester
 Attention: Chris Birkett
 P.O. Box 65
 Rochester, WI 53167

Subject: Work Request 3949521; Non-Standard Lighting at Main St. Bridge

Dear Mr. Birkett:

Thank you for requesting a lighting proposal from Night Aura® Outdoor Lighting provided by We Energies. The proposed work is detailed on subsequent pages of this letter. The upfront charge for this work, which expires 90 days from the date of this letter, is \$3,537.22 and does not include site restoration. The initial net change to monthly charges will be \$27.70, which are subject to future rate changes as approved by the Public Service Commission of Wisconsin.

- Luminaires are controlled to provide dusk to dawn operation.
- Normal maintenance is performed by the Company upon notification.
- All fixtures are warranted until removed. Non-Standard poles and conductors are warranted for 15 years.
- For installation, removal and maintenance, the customer shall locate private underground facilities and grant or obtain, without expense to We Energies: access to property, necessary permissions, easements, ordinance satisfaction and permits.
- Termination or change requests after installation and prior to conclusion of the Initial Term shall result in customer charges. Monthly rates for fixtures on the LED rate are reduced after Initial Term.
- We Energies does not guarantee this installation meets AASHTO or the Illuminating Engineering Society's minimum recommended standards for lighting.
- Please refer to Company Tariffs for a complete list of applicable terms & conditions.

Please sign all of the enclosed documents and return them, along with payment for the upfront charge (check made payable to We Energies) in the enclosed envelope. Material will be ordered after this authorization and payment have been received and this order will be released to construction for scheduling after all contingencies have been met. If you have any questions, please call me at 262-763-1048.

Sincerely,

Peggy Sawasky

By signing this letter, you authorize us to do this work and acknowledge acceptance of the Rates and Conditions of the specified tariffs as approved by the Public Service Commission of Wisconsin.

By: _____

Date: _____

Print Name: _____

Title: _____



ELEC WR **BU 3949521**

GAS WR

CITY / TOWN / VILLAGE: V/ROCHESTER

CUST/PROJ NAME: CTH D (MAIN STREET) BRIDGE

PROJECT LOCATION: MAIN STREET BRIDGE, ROCHESTER
BETWEEN FRONT AND WATER STREET

WORK DESCRIPTION: INSTALL LED LIGHTS
MEDIUM RECTANGULAR LED FIXTURE W/6' ARM

PREPARED BY: PAM RAKAUSKAS

E-MAIL: pamela.rakauskas@we-energies.com

OFFICE #: 262-763-1007 CELL #: 414-531-0839

PAGER #: _____ IO #: _____

PROJECT ID: _____ CGS #: _____

DATE PREPARED: 08/17/2016 DATE REVISED: _____

COMMON INFORMATION

STAKING REQUIREMENTS:

- SURVEYOR
- DESIGNER
- STAKED
- NOT NEEDED

MAIN / SERVICE IN EASEMENT:

- YES
- NO

RESTORE PRIVATE PROPERTY: WE ENERGIES CUSTOMER

WORK IS APPROX 115 FT, DIRECTION EAST OF CL OF
FRONT STREET NEAREST CROSS STREET
(ALSO FOR GAS SERVICE TEE)

ELECTRIC INFORMATION

OPER MAP #: 3996-7304-04 FEEDER/LINE #: X26764
CATV JOINT USE #: NA TEL JOINT USE #: NA

PROPOSED GAS SERVICE INFORMATION

MTR SIZE: _____ MTR TYPE: _____ PRES: _____ EFV
 SERV PIPE SIZE: _____ MATERIAL: _____ RELIGHT
 MTR LOC: _____ FT. _____ OF _____ CORNER CURB VLV
 CONSTRUCTION TYPE: _____ TIE IN PIPING

JOB INFO:

SECTION / TOWN / RANGE: NW1/4 SEC 11, T03N, R19E
SITE VISIT COMPLETED BY: Pam Rakauskas
JOB OWNER: Peggy Sawasky

MAIN CONTACTS:

- CONTRACTOR/BUILDER:
- PLUMBER/HVAC:
- ELECTRICIAN:
- CUSTOMER: Chris Birkett 262-332-1017

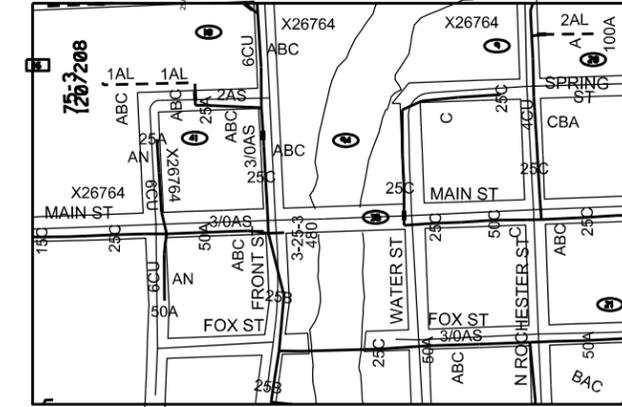
CONTINGENCIES & COMMENTS:

DIGGERS HOTLINE / MISS DIG REQUIRED
WE ENERGIES WILL / WILL NOT RESTORE
WE ENERGIES WILL / WILL NOT HAUL SPOIL
CUSTOMER IS REQUIRED TO LOCATE ALL
PRIVATE UNDERGROUND FACILITIES PRIOR
TO INSTALLATION
WE ENERGIES IS NOT RESPONSIBLE FOR
ROOT DAMAGE

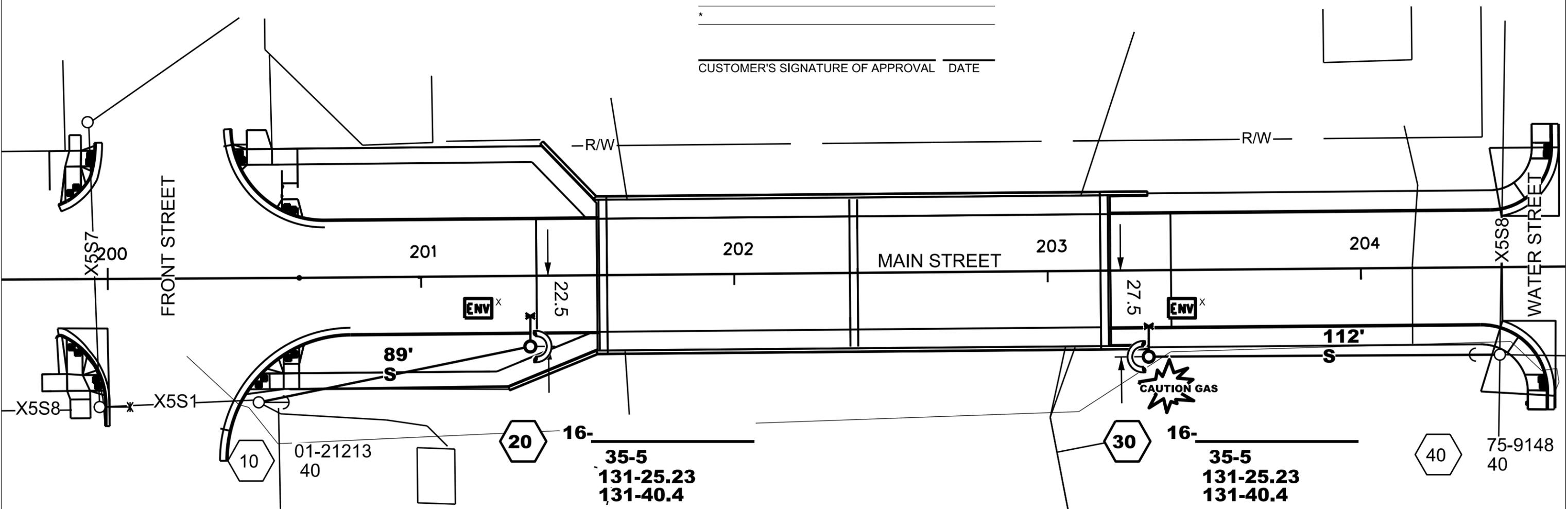
CONSTRUCTION REMARKS

* _____
* _____

CUSTOMER'S SIGNATURE OF APPROVAL DATE



**CONSTRUCTION NOTE:
LOCATION OF POLES TO BE
STAKED BY SURVEYOR
AS PER HIGH WAY STATIONING.**



STATION 201 + 34.5', 22.5 RIGHT

STATION 203 + 27.5', 27.5 RIGHT

WE ENERGIES - ELECTRIC OPERATIONS

CLEARANCE NOTES:

- LOCATION OF OBSTRUCTIONS ARE FROM RECORDS AND MUST BE VERIFIED IN THE FIELD.
- MAINTAIN 2' MIN. CLEARANCE BETWEEN OUTSIDE FACE OF MANHOLE & BELL OF PIPE.
- THIS APPLIES TO GAS AND WATER MAINS.
- MAINTAIN 2' MIN. VERTICAL CLEARANCE AT CROSSINGS OF SEWER OR WATER MAINS.
- MAINTAIN 5' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND SEWER.
- MAINTAIN 3' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND WATER MAINS.

NOTE - CLEARANCES SHOWN ARE MINIMUM DISTANCES - REFERENCE PERMITS FOR SPECIFIC CLEARANCE REQUIREMENTS. ADDITIONAL UNDERGROUND INFORMATION ON EXCAVATION, BACKFILLING AND CLEARANCES CAN BE FOUND IN STD. 281-02.

OVERHEAD PRIMARY
E, F, H, Q, R, W, X or Z

- Z 1 #2 ACSR
- Z1 1 #1/0 ACSR
- Z2 1 #3/0 ACSR
- Z3 3 #2 ACSR
- Z4 3 #1/0 ACSR
- Z5 3 #3/0 ACSR
- Z7 3 #336 ACSR
- Z9 SPECIAL LIST ON SKETCH
- Z10 1 WIRE REMOVAL
- Z11 2 WIRE REMOVAL
- Z12 3WIRE REMOVAL

STANDARD WIRE KEY

DIRECT BURY PRIMARY - E, F, H, Q, R, W, X or Z

- Z13 1 #1 AL 25KV
- Z14 3 #1 AL 25KV
- Z15 3 #500 AL 28KV
- X16 1 #2 AL 15KV
- X17 3 #2 AL 15KV
- X18 3 #500 AL 15KV
- R19 3 #1/0 AL 35KV
- R20 3 #750 AL 35KV
- Z21 3 #750 AL 28KV
- X22 1 #2 Cu 15kV
- X23 3 #2 Cu 15kV
- Z24 1 #2 Cu 25kV
- Z25 3 #2 Cu 25kV
- X26 3 #500 Cu 15kV
- Z27 3 #500 Cu 28kV
- Z28 3 #750 Cu 28kV
- Z29 SPECIAL - LIST ON SKETCH

NEUTRAL

- N 1-#2 ACSR
- N1 1-#1/0 ACSR
- N2 1-#3/0 ACSR
- N3 1-#4/0 AL
- N4 1-#336 ACSR
- N5 REMOVAL

GUYING

- G 1/4" ARM GUY
- G1 5/16" ARM GUY
- G2 3/8" ARM GUY
- G3 5/16" POLE GUY
- G4 3/8" POLE GUY
- G5 7/16" POLE GUY

SECONDARY - 1PHASE

- S 6DX
- S1 4 TX
- S2 2 TX
- S3 1/0 TXR
- S4 3/0 TXR
- S5 350 TXR
- S6 750 TXR
- S7 1/0 TXF
- S8 4/0 TXF
- S9 336 TXR
- S10 750 TXF
- S11 3 WIRE REMOVAL
- S12 3 WIRE MAIN

SECONDARY - 3PHASE

- \$ 1/0 TXF
- \$1 4/0 TXF
- \$2 336 TXF
- \$3 3/0 TX
- \$4 350 TX
- \$5 750 TX
- \$6 1/0 QXF
- \$7 3/0 QXF
- \$8 350 QXR
- \$9 750 QXR
- \$10 3 WIRE REMOVAL
- \$11 3/0 QXR
- \$12 4 WIRE REMOVAL

EROSION CONTROL LEGEND

ENY 8, 27 ENY 8, 27 (WITH & WITHOUT PERIMETER CONTROL) APPROXIMATE BORE PIT LOCATION

	INLET PROTECTION, TYPE A/B/C/D
	12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EEL
	STONE DITCH CHECK
	SAND or ROCK BAG
	MULCH
	SOIL STABILIZER, TYPE B
	EROSION MAT CLASS I, TYPE A
	EROSION MAT CLASS I, TYPE B
	EROSION MAT CLASS I, TYPE A URBAN
	EROSION MAT CLASS I, TYPE B URBAN
	EROSION MAT CLASS II
	EROSION MAT CLASS III
	VEGETATIVE BUFFER
	TRACKING PAD
	TIMBER MAT
	SILT FENCE
	TEMPORARY SEDIMENT BASIN
	SURFACE WATER FLOW

WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests)

General

1. If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project.

Erosion Control

2. If soil disturbance occurs on slopes or channels/ditches leading to wetlands or waterways, or within wetlands, the disturbed areas shall be stabilized and appropriate erosion control Best Management Practices (BMP's) shall be implemented.
3. Erosion Control BMR's shall meet or exceed the approved WDNR Storm Water Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html). Refer to We Energies Construction Site Sediment and Erosion Control Standards.
4. Inspect installed erosion control BMP's at least one time per week and after 1/2" rain events: repair as necessary.
5. When temporary stabilization is required (e.g. for winter or short-term construction) prior to final restoration, soil stabilizer shall be installed wherever possible. Erosion mat shall be used temporarily only where appropriate, in accordance with state standards, and when approved by the Operations Supervisor.

Contaminated Soils

6. Whenever soil exhibiting obvious signs of contamination (e.g., discoloration, petroleum or solvent odor, free liquids other than water, buried containers or tanks, or other obvious signs of environmental impacts) is encountered during excavation or installation, cease work immediately, take appropriate immediate precautions to ensure worker health and safety, and contact the Operations Supervisor or Inspector.

Spills

7. If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478:
 - a. Any quantity of oil is spilled into surface water;
 - b. Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land;
 - c. Any oil spill containing greater than 500 ppm PCB;
 - d. Five gallons or more of oil spilled to the ground;
 - e. Any oil spill involving a police department, fire department, DNR, or concerned property owner.

Notes 8 through 27 apply as noted at specific points within each work request:

Dewatering

8. Dewatering of pits or trenches shall be done in accordance with state standards. Use an approved sediment bag, a straw bale dewatering basin, a combination of both, or equivalent.

Wetlands

9. As much as practicable, the majority of the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands.
10. All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands.
11. If soils are not frozen or stable to a point that avoids rutting, timber mats, mud tracks, or equivalent shall be utilized to access pole locations.
12. Excavated soils cannot be stockpiled in wetlands.

Waterways

13. All excess spoils shall be removed from wetlands and placed in a suitable upland location.
14. Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
15. Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.
16. No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
17. No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
18. Any disturbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.

Threatened and Endangered Species

19. Threatened or endangered species are known to occur in the work area. It is illegal to harass, harm, or kill a protected species under state and federal regulations. Proper precautions shall be taken to ensure harm to individuals is avoided.
20. In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
21. Exclusion fencing must be installed at the work area prior to March 15.
22. A qualified biologist must be present when conducting work at this location.

Invasive Species

23. State regulated invasive species are known to occur in the work area. Reasonable precautions are legally required to prevent the spread of these species. The Wisconsin Council on Forestry Transportation and Utility Rights-of-Way Best Management Practices should be followed: (<http://council.wisconsinforestry.org/invasives/transportation/>).

Cultural and Historical Resources, cont.

24. The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction.
25. If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at that site MAY NOT PROCEED until the Environmental Department authorizes it.
26. A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (6), must be present to monitor all ground disturbing activities.

Frac-out Contingency Plan

27. A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components.
 - a. Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately.
 - b. Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur.
 - c. A vac truck shall be accessible on short notice in order to respond quickly to a frac-out.

