

It is expected that a Quorum of the Personnel Committee, Administration Committee, and Common Council will be attending this meeting: (although it is not expected that any official action of any of those bodies will be taken)

CITY OF MENASHA
Board of Public Works
Third Floor Council Chambers
140 Main Street, Menasha
November 17, 2008
7:00 PM
or immediately following the Administration Committee

AGENDA

- A. CALL TO ORDER
- B. ROLL CALL/EXCUSED ABSENCES
- C. MINUTES TO APPROVE
 - 1. [November 3, 2008](#)
- D. ACTION ITEMS
 - 1. [Change Order – DeGroot, Inc., City of Menasha Wastewater Collection System Rehabilitation Improvements Project – Phase 3; Contract No. E145-07-01C; DEDUCT: \\$24,682.90 \(Change Order No. 4\)](#)
 - 2. [Payment – Infrastructure Technologies, Inc.; City of Menasha Wastewater Collection System Rehabilitation Improvements Project – Phase 3; Contract No. E145-07-01D; Sanitary Manhole Lining; \\$50,944.78 \(Payment No. 8\)](#)
 - 3. [Payment – Insituform Technologies, USA, Inc.; City of Menasha Wastewater Collection System Rehabilitation Improvements Project – Phase 3; Contract No. E145-07-01A-06; Sanitary Sewer Lining; \\$214,933.00 \(Payment No. 6\)](#)
 - 4. [Request to Install Stop for Pedestrians Sign in Ahnaip Street at RR Donnelly Pedestrian Crossing](#)
 - 5. [Authorization to Execute Compliance Agreement with Department of Natural Resources \(Sanitary Sewer Bypasses\)](#)
 - 6. [Update on Phase 3 Sanitary Sewer Improvement Program](#)
- E. ADJOURNMENT

"Menasha is committed to its diverse population. Our Non-English speaking population and those with disabilities are invited to contact the Menasha City Clerk at 967-3603 24-hours in advance of the meeting for the City to arrange special accommodations."

CITY OF MENASHA
Board of Public Works
Third Floor Council Chambers
140 Main Street, Menasha
November 3, 2008
MINUTES

A. CALL TO ORDER

Meeting called to order by Chairman Pack at 6:35 p.m.

B. ROLL CALL/EXCUSED ABSENCES

PRESENT: Ald. Taylor, Wisneski, Pack, Hendricks, Zelinski, Michalkiewicz, Benner,
Pamenter

ALSO PRESENT: Mayor Merkes, CA/HRD Brandt, PC Stanke, CDD Keil, C/T Stoffel,
Clerk Galeazzi, and the Press

C. MINUTES TO APPROVE

1. [October 20, 2008](#)

Moved by Ald. Michalkiewicz, seconded by Ald. Hendricks to approve
Motion carried on voice vote

D. ACTION ITEMS

1. [Payment – National Power Rodding Corporation; City of Menasha Wastewater Collection System Rehabilitation Improvements Project – Phase 3; Contract No. E145-07-01B Sanitary Sewer Rehabilitation; \\$70,206.70 \(Payment No. 2\)](#)

No Questions or Discussion

Moved by Ald. Wisneski, seconded by Ald. Pamenter to recommend approval to
Common Council
Motion carried on voice vote

2. [Request for an Additional Street Light at South End of Kenwood Drive](#)

Discussion ensued on when the street light will be installed, should it wait until the
Community Based Residential Facility (CBRF) project is completed, are there sufficient
funds available to cover the cost, the area does need extra lighting.

CDD Keil explained the street light maybe installed by the end of this year.

Moved by Ald. Michalkiewicz, seconded by Ald. Wisneski to recommend approval to
Common Council
Motion carried on voice vote

E. ADJOURNMENT

Moved by Ald. Michalkiewicz, seconded by Ald. Wisneski to adjourn at 6:40 p.m.
Motion carried on voice vote

Respectfully submitted by
Deborah A. Galeazzi, City Clerk

CHANGE ORDER NO. CO-1450701C-04 DATE October 17, 2008

KAEMPFER & ASSOCIATES, INC. PROJECT: WASTEWATER COLLECTION SYSTEM
Consulting Engineers REHABILITATION IMPROVEMENTS PHASE 3
Post Office Box 150 OWNER: CITY OF MENASHA
650 East Jackson Street 140 Main Street
Oconto Falls, WI 54154 Menasha, WI 54952

OWNER'S PROJECT NO.: _____ ENGINEER'S PROJECT NO.: E145-05.11

CONTRACTOR: DE GROOT, INC. CONTRACT DATE: November 12, 2007

COMPLETION DATE: October 28, 2008

ADDRESS: 4201 Champion Road
Green Bay, Wisconsin 54311-9801

CONTRACT: E145-07-01C, Sanitary Sewer Replacement

You are directed to make the changes noted below in the above contract and this Change Order becomes a part of your contract, subject to all the conditions thereof;

NATURE OF CHANGE: Revise contract price to reflect as-built quantities.

ADDITIONAL NUMBER OF CONTRACT DAYS PROVIDED BY THIS CHANGE ORDER: 0 DAYS

Enclosures: Unit Price Spreadsheet.

The changes result in the following adjustment of Contract Price:

Contract Price Prior to this Change Order \$214,671.57

Net (~~Increase~~/Decrease) Resulting from this Change Order (\$ 24,682.90)

Current Price, including this Change Order \$189,988.67

The above changes are approved:

FOR THE ENGINEER: By: Taryn S. Nall Date: 10/30/08
Taryn S. Nall, P.E.

FOR THE OWNER: By: _____ Date: _____
Mark Radtke, P.E., Director of Public Works

The above changes are accepted:

FOR THE CONTRACTOR: DE GROOT, INC.
By: Mark De Groot Date: _____
Mark De Groot, President

Unit Price Contract
 E145-07-01C Sanitary Sewer Replacement
 September 24, 2008

PROJECT: Wastewater Collection System Rehabilitation Improvements Phase 3
 OWNER: City of Menasha
 CONTRACTOR: De Groot, Inc.

ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	BID QTY.	BID TOTAL	PREVIOUSLY REQUESTED		CURRENT REQUEST		REVISED * QUANTITY	TOTAL	ADD (+) DEDUCT (-)
						QTY.	TOTAL	QTY.	TOTAL			
1C	18-inch PVC sanitary sewer pipeline spot replacement, with granular backfill	LF	\$757.50	2	\$1,515.00	0	\$0.00	0	\$0.00	0	\$0.00	-\$1,515.00
2C	10-inch PVC sanitary sewer pipeline spot replacement, with granular backfill	LF	\$454.50	3	\$1,363.50	15	\$6,817.50	15	\$0.00	15	\$6,817.50	\$5,454.00
3C	8-inch PVC sanitary sewer pipeline spot replacement, with granular backfill	LF	\$404.00	17	\$6,868.00	22	\$8,888.00	22	\$0.00	22	\$8,888.00	\$2,020.00
4C	8-inch PVC sanitary sewer pipeline replacement, with granular backfill	LF	\$56.60	2,107	\$119,256.20	2,103	\$119,029.80	2,103	\$0.00	2103	\$119,029.80	-\$226.40
5C	Type 4S manhole up to 8-foot depth including up to 5 feet of interconnecting sewer and connections to existing sanitary sewers	EA	\$2,322.81	5	\$11,614.05	4	\$9,291.24	4	\$0.00	4	\$9,291.24	-\$2,322.81
6C	Type 4S manhole greater than 8-foot depth	VF	\$101.00	14.00	\$1,414.00	13.05	\$1,318.05	13.05	\$0.00	13.05	\$1,318.05	-\$95.95
7C	Type 4L manhole, including up to 5 feet of interconnecting sewer and connections to existing sanitary sewers	EA	\$2,323.00	4	\$9,292.00	5	\$11,615.00	5	\$0.00	5	\$11,615.00	\$2,323.00
8C	Replacement of cone section	EA	\$1,010.00	1	\$1,010.00	1	\$1,010.00	1	\$0.00	1	\$1,010.00	\$0.00
9C	Connection of 8-inch SL to SS pipeline	EA	\$858.50	2	\$1,717.00	1	\$858.50	1	\$0.00	1	\$858.50	-\$858.50
10C	Connection of 6-inch SL to SS pipeline	EA	\$505.00	27	\$13,635.00	41	\$20,705.00	41	\$0.00	41	\$20,705.00	\$7,070.00
11C	Connection of 4-inch SL to SS pipeline	EA	\$505.00	27	\$13,635.00	3	\$1,515.00	3	\$0.00	3	\$1,515.00	-\$12,120.00
12C	8-inch SL replacement	LF	\$43.43	20	\$868.60	7	\$304.01	7	\$0.00	7	\$304.01	-\$564.59
13C	6-inch SL replacement	LF	\$48.65	270	\$13,135.50	46.5	\$2,262.23	46.5	\$0.00	46.5	\$2,262.23	-\$10,873.27
14C	4-inch SL replacement	LF	\$48.12	270	\$12,992.40	0.5	\$24.06	0.5	\$0.00	0.5	\$24.06	-\$12,968.34
15C	Sewer cleaning and televising	LF	\$1.26	2,107	\$2,654.82	0	\$0.00	2,103	\$2,649.78	2103	\$2,649.78	-\$5.04
16C	Abandon-in-place 36 lineal feet of 21-inch SS	EA	\$505.00	1	\$505.00	1	\$505.00	1	\$0.00	1	\$505.00	\$0.00
17C	Provide concrete pipe plug in Manhole 296	EA	\$252.50	1	\$252.50	1	\$252.50	1	\$0.00	1	\$252.50	\$0.00
18C	Abandon-in-place 185 lineal feet of 8-inch SS	EA	\$505.00	1	\$505.00	1	\$505.00	1	\$0.00	1	\$505.00	\$0.00
TOTAL, PART C ITEMS 1C THROUGH 18C					\$212,233.57		\$184,900.89		\$2,649.78		\$187,550.67	-\$24,682.90
CHANGE ORDER #CO-1450701C-03												
19C	Perform rock excavation to construct Manhole 712 or Seventh Street	EA	\$350.00	1	\$350.00	0	\$0.00	1	\$350.00	1	\$350.00	\$0.00
20C	Provide slurry backfill for spot sanitary sewer replacement at Paris Street and DePere Street	EA	\$2,088.00	1	\$2,088.00	0	\$0.00	1	\$2,088.00	1	\$2,088.00	\$0.00
TOTAL CHANGE ORDER #CO-1450701C-03					\$2,438.00		\$0.00		\$2,438.00		\$2,438.00	\$0.00
TOTAL CONTRACT AMOUNT TO DATE					\$214,671.57		\$184,900.89		\$5,087.78		\$189,988.67	-\$24,682.90
CHANGE ORDER #CO-1450701C-04												
Revised quantities							\$0.00		\$0.00		\$0.00	\$24,682.90
TOTAL CHANGE ORDER #CO-1450701C-04					-\$24,682.90		\$0.00		\$0.00		\$0.00	\$24,682.90
TOTAL CONTRACT AMOUNT TO DATE					\$189,988.67		\$184,900.89		\$5,087.78		\$189,988.67	\$0.00

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* This estimate based on _____ Estimated Quantity _____ X _____ Field Measured Quantity

MONTHLY STATEMENT OF UNIT PRICE CONTRACT AMOUNT

Request for: Partial Payment No. PR-1450701D-08 Date: October 27, 2008
 (Partial/Final)

Project: Wastewater Collection System Rehabilitation Improvements, Phase 3

Owner: City of Menasha

Contractor: Infrastructure Technologies, Inc. E145-05.11

Original Contract Amount as Bid:	\$312,491.00
*(ADD)(DEDUCT) by Revised Quantities:	\$0.00
*Amount Added by Change Order:	\$0.00
*Amount Deducted by Change Order:	(\$5,760.00)
TOTAL CONTRACT THIS DATE:	\$306,731.00
Value of Work Completed to Date:	\$252,189.56
Less <u>2.5</u> Per Cent Retainable: OF TOTAL CONTRACT THIS DATE	(\$7,668.28)
Net Total:	\$244,521.28

Project on Schedule: X YES NO 82 % Complete

Record of Previous Payments:

1	<u>\$32,983.37</u>	<u>1/14/08</u>	6	<u>\$23,493.85</u>	<u>8/27/08</u>	11	<u> </u>	<u> </u>
2	<u>\$30,495.91</u>	<u>5/13/08</u>	7	<u>\$39,097.98</u>	<u>9/29/08</u>	12	<u> </u>	<u> </u>
3	<u>\$19,350.57</u>	<u>6/9/08</u>	8	<u> </u>	<u> </u>	13	<u> </u>	<u> </u>
4	<u>\$27,059.63</u>	<u>7/9/08</u>	9	<u> </u>	<u> </u>	14	<u> </u>	<u> </u>
5	<u>\$21,095.19</u>	<u>8/1/08</u>	10	<u> </u>	<u> </u>	15	<u> </u>	<u> </u>

Amount Previously Paid:	\$193,576.50
AMOUNT DUE THIS REQUEST:	\$50,944.78

This is to certify that, in accordance with the terms of the Contract, the Contractor is entitled to a payment in the amount requested.

Engineer's Approval for Payment

Owner's Approval for Payment

BY: 
 Taryn S. Nall, P.E.
 KAEMPFER & ASSOCIATES, INC.

BY:
 Mark Radtke, P.E., Dir. of Public Works
 CITY OF MENASHA

* See Unit Price Contract Spreadsheet
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Unit Price Contract
 E145-07-01D Sanitary Manhole Lining
 October 27, 2008

PROJECT: Wastewater Collection System Rehabilitation Improvements Phase 3
 OWNER: City of Menasha
 CONTRACTOR: Infrastructure Technologies, Inc.

ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	BID QTY.	BID TOTAL	PREVIOUSLY REQUESTED		CURRENT REQUEST		REVISED * QUANTITY	TOTAL	ADD (+) / DEDUCT (-)
						QTY.	TOTAL	QTY.	TOTAL			
1D	Manhole concrete lining	VF	\$226.00	972	\$219,672.00	651.53	\$147,245.78	150.53	\$34,019.78	802.06	\$181,265.56	-\$38,406.44
2D	Sanitary sewer pipe connection	EA	\$75.00	268	\$20,100.00	182	\$13,650.00	40	\$3,000.00	222	\$16,650.00	-\$3,450.00
3D	Manhole flow channel construction to springline	EA	\$367.00	72	\$26,424.00	62	\$22,754.00	5	\$1,835.00	67	\$24,589.00	-\$1,835.00
4D	Manhole flow channel construction to 1-inch above crown of pipe	EA	\$580.00	39	\$22,620.00	16	\$9,280.00	11	\$6,380.00	27	\$15,660.00	-\$6,960.00
5D	Internal/external manhole chimney seal	EA	\$280.00	31	\$8,680.00	18	\$5,040.00	8	\$2,240.00	26	\$7,280.00	-\$1,400.00
6D	Urethane chimney seal	EA	\$210.00	31	\$6,510.00	10	\$2,100.00	2	\$420.00	12	\$2,520.00	-\$3,990.00
7D	Butyl and urethane chimney seal	EA	\$260.00	31	\$8,060.00	5	\$1,300.00	10	\$2,600.00	15	\$3,900.00	-\$4,160.00
8D	Butyl chimney seal	EA	\$50.00	18	\$900.00	21	\$1,050.00	0	\$0.00	21	\$1,050.00	\$150.00
	Deduct alternative bid item 1D for lining Manhole 614	EA	-\$475.00	1	-\$475.00	1	-\$475.00	0	\$0.00	1	-\$475.00	\$0.00
TOTAL, PART D ITEMS 1D THROUGH 8D						\$312,491.00		\$201,944.78		\$50,494.78	\$252,439.56	-\$60,051.44

CHANGE ORDER #CO-1450701D-01												
6D	Urethane chimney seal	EA	\$210.00	-26	-\$5,460.00	0	\$0.00	0	\$0.00	0	\$0.00	\$5,460.00
7D	Butyl and urethane chimney seal	EA	\$260.00	-14	-\$3,640.00	0	\$0.00	0	\$0.00	0	\$0.00	\$3,640.00
9D	Provide temporary concrete pavement restoration in place of permanent concrete restoration at manholes	EA	\$50.00	-30	-\$1,500.00	-22	-\$1,100.00	0	\$0.00	-22	-\$1,100.00	\$400.00
5D	Internal/external manhole chimney seal	EA	\$280.00	13	\$3,640.00	0	\$0.00	0	\$0.00	0	\$0.00	-\$3,640.00
8D	Butyl chimney seal	EA	\$50.00	24	\$1,200.00	8	\$400.00	9	\$450.00	17	\$850.00	-\$350.00
TOTAL CHANGE ORDER #CO-1450701D-01						-\$5,760.00		-\$700.00		\$450.00	-\$250.00	\$5,510.00
TOTAL CONTRACT AMOUNT TO DATE						\$306,731.00		\$201,244.78		\$50,944.78	\$252,189.56	-\$54,541.44

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MONTHLY STATEMENT OF UNIT PRICE CONTRACT AMOUNT

Request for: Partial Payment No. PR-1450701A-06 Date: September 5, 2008
(Partial/~~Final~~)

Project: Wastewater Collection System Rehabilitation Improvements, Phase 3

Owner: City of Menasha

Contractor: Insituform Technologies USA, Inc. E145-05.11

Original Contract Amount as Bid:	<u>\$1,582,723.00</u>
*(ADD)(DEDUCT) by Revised Quantities:	<u>\$0.00</u>
*Amount Added by Change Order:	<u>\$0.00</u>
*Amount Deducted by Change Order:	<u>\$0.00</u>
TOTAL CONTRACT THIS DATE:	<u>\$1,582,723.00</u>
Value of Work Completed to Date:	<u>\$1,247,185.00</u>
Less <u>2.5</u> Per Cent Retainable: OF TOTAL CONTRACT THIS DATE	<u>(\$39,568.08)</u>
Net Total:	<u>\$1,207,616.92</u>

Project on Schedule: X YES _____ NO 79 % Complete

Record of Previous Payments:

1	<u>\$186,051.80</u>	<u>4/8/08</u>	6	_____	11	_____
2	<u>\$171,410.40</u>	<u>6/27/08</u>	7	_____	12	_____
3	<u>\$252,779.80</u>	<u>6/27/08</u>	8	_____	13	_____
4	<u>\$197,035.92</u>	<u>7/7/08</u>	9	_____	14	_____
5	<u>\$185,406.00</u>	<u>8/5/08</u>	10	_____	15	_____

Amount Previously Paid:	<u>\$992,683.92</u>
AMOUNT DUE THIS REQUEST:	<u>\$214,933.00</u>

This is to certify that, in accordance with the terms of the Contract, the Contractor is entitled to a payment in the amount requested.

Engineer's Approval for Payment

Owner's Approval for Payment

BY: Taryn S. Nall
Taryn S. Nall, P.E.
KAEMPFER & ASSOCIATES, INC.

BY: _____
Mark Radtke, P.E., Dir. of Public Works
CITY OF MENASHA

* See Unit Price Contract Spreadsheet
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Unit Price Contract
 E145-07-01A Sanitary Sewer Lining
 August 27, 2008

PROJECT: Wastewater Collection System Rehabilitation Improvements Phase 3
 OWNER: City of Menasha
 CONTRACTOR: Insituform Technologies USA, Inc.

ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	BID QTY.	BID TOTAL	PREVIOUSLY REQUESTED		CURRENT REQUEST		REVISED * QUANTITY	TOTAL	ADD (+) DEDUCT (-)	
						QTY.	TOTAL	QTY.	TOTAL				
1A	21-inch sanitary sewer CIPP lining	LF	\$64.00	1,006	\$64,384.00	0	\$0.00		\$0.00	0	\$0.00	-\$64,384.00	
2A	18-inch sanitary sewer CIPP lining	LF	\$44.00	7,643	\$336,292.00	2,021	\$88,924.00	2,170	\$95,480.00	4,191	\$184,404.00	-\$151,888.00	
3A	15-inch sanitary sewer CIPP lining	LF	\$37.00	2,547	\$94,239.00	2,939	\$108,743.00		\$0.00	2,939	\$108,743.00	\$14,504.00	
4A	12-inch sanitary sewer CIPP lining	LF	\$31.00	13,417	\$415,927.00	9,394	\$291,214.00	3,356	\$104,036.00	12,750	\$395,250.00	-\$20,677.00	
5A	10-inch sanitary sewer CIPP lining	LF	\$27.00	6,546	\$176,742.00	6,861	\$185,247.00	571	\$15,417.00	7,432	\$200,664.00	\$23,922.00	
6A	8-inch sanitary sewer CIPP lining	LF	\$24.00	14,650	\$351,600.00	13,461	\$323,064.00		\$0.00	13,461	\$323,064.00	-\$28,536.00	
7A	Pressure inject grouting lateral connection	EA	\$300.00	220	\$66,000.00	0	\$0.00		\$0.00	0	\$0.00	-\$66,000.00	
8A	Pressure inject grout material as specified in Article C2.18	GAL	\$25.00	580	\$14,500.00	0	\$0.00		\$0.00	0	\$0.00	-\$14,500.00	
OPTIONAL WORK ITEMS													
9A	12-inch sanitary sewer CIPP lining on Melissa St.	LF	\$30.00	399	\$11,970.00	0	\$0.00		\$0.00	0	\$0.00	-\$11,970.00	
10A	10-inch sanitary sewer CIPP lining on Jefferson Street and Brighton Drive	LF	\$28.00	698	\$19,544.00	695	\$19,460.00		\$0.00	695	\$19,460.00	-\$84.00	
11A	8-inch sanitary sewer CIPP lining on Eighth Street and Harding Street	LF	\$25.00	879	\$21,975.00	624	\$15,600.00		\$0.00	624	\$15,600.00	-\$6,375.00	
12A	Pressure inject grouting lateral connection	EA	\$300.00	26	\$7,800.00	0	\$0.00		\$0.00	0	\$0.00	-\$7,800.00	
13A	Pressure inject grout material as specified in Article C2.18	GAL	\$25.00	70	\$1,750.00	0	\$0.00		\$0.00	0	\$0.00	-\$1,750.00	
TOTAL, PART A ITEMS 1A THROUGH 13A						\$1,582,723.00		\$1,032,252.00		\$214,933.00		\$1,247,185.00	-\$335,538.00

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November 12, 2008

Board of Public Works
City of Menasha
Menasha, WI 54952

RE: Request to Install Stop for Pedestrians Sign in Ahnaip Street at RR Donnelly
Pedestrian Crossing

Members of the Board:

We have received a request from RR Donnelly to install an in street "Stop for Pedestrians in Crosswalk" sign in Ahnaip Street on both approaches to the crosswalk connecting the employee parking lot with the building employee entrance. Attached to this report are copies of email communications between Donnelly and the City and the pertinent Manual on Uniform Traffic Control Devices (MUTCD) sections regarding signage at mid-block pedestrian crossings.

According to RR Donnelly's Regional HR Manager, Joel Schultz, traffic on Ahnaip Street, particularly traffic exiting the Racine Street Bridge, often does not heed the warning signals at the crosswalk, placing the employees in a hazardous situation when crossing Ahnaip Street. The amber colored warning signals are activated via push button by the user when crossing the street. Donnelly is requesting the installation of two in street signs, one on each side of the crosswalk, with the message to Stop for Pedestrians in the Crosswalk per State Law.

During my review of this request, I discovered the State of Wisconsin only allows **Yield to Pedestrians** signs (see attached reference R1-6 sign). If the in street Yield to Pedestrians sign were approved, I would recommend the installation of only one double faced sign, which is allowed by the MUTCD, to minimize the cost. Each sign costs approximately \$265. Any sign allowed in the street would need to be removed during snow plowing months.

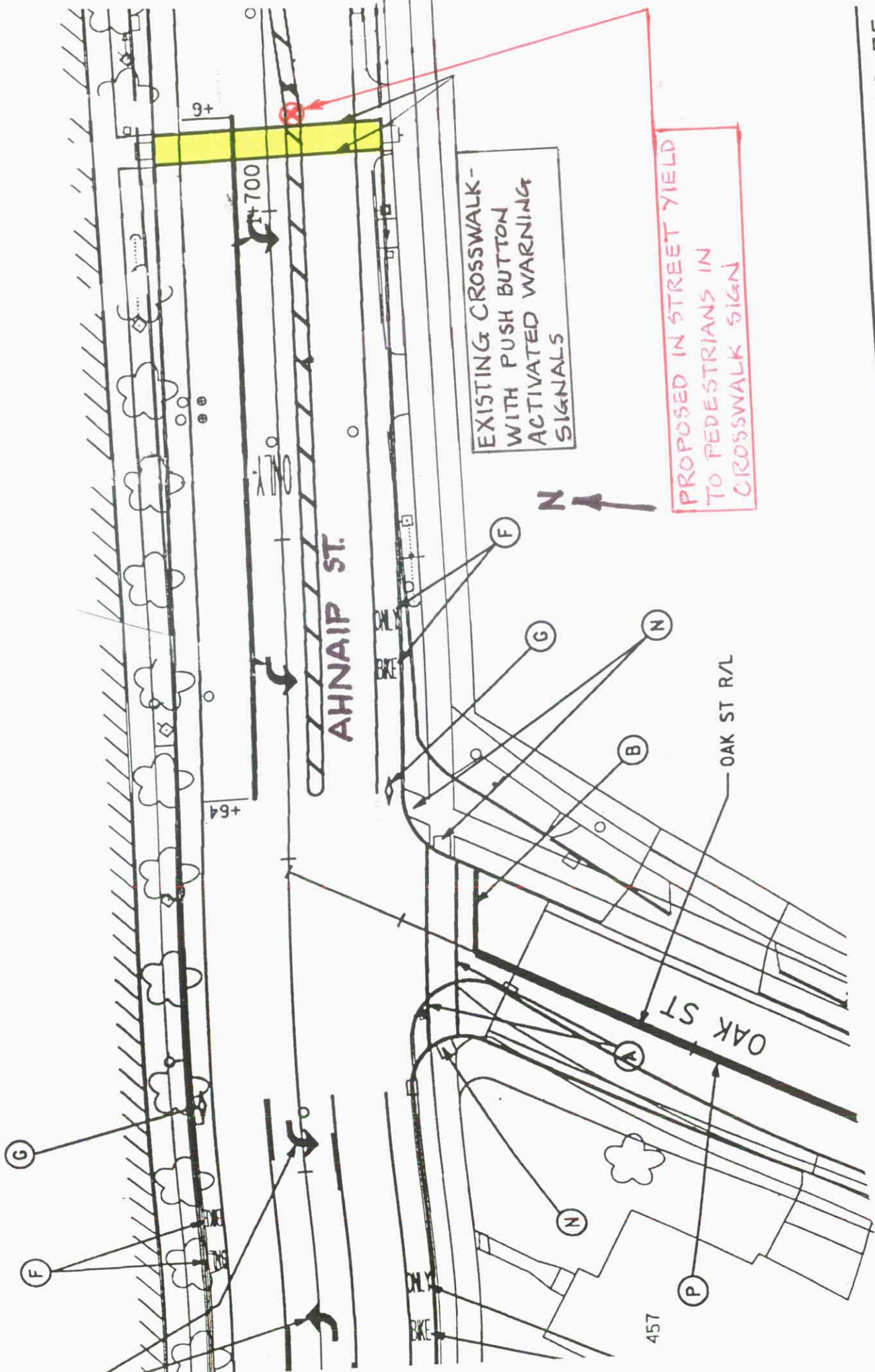
Another option for this situation is the placement of two Yield to Pedestrians signs in the terraces at the crosswalk (MUTCD R1-5). These signs would be in place year round and could be made in our Sign Shop for a total of approximately \$150. RR Donnelly prefers the in street signs because they believe they would be more effective than the terrace signs.

Sincerely,

Mark Radtke
Director of Public Works

Attachments

M:\word\BPW\letter re RR Donnelly sign request 11-12-08.doc



EXISTING CROSSWALK-
WITH PUSH BUTTON
ACTIVATED WARNING
SIGNALS

PROPOSED IN STREET YIELD
TO PEDESTRIANS IN
CROSSWALK SIGN

STATE PROJECT NO: 4992-00-35

COUNTY: WINNEBAGO

AHNAIP STREET

Section 2B.11 Yield Here To Pedestrians Signs (R1-5, R1-5a)

Standard:

If yield lines are used in advance of an unsignalized marked midblock crosswalk, Yield Here To Pedestrians (R1-5 or R1-5a) signs (see Figure 2B-2) shall be placed 6.1 to 15 m (20 to 50 ft) in advance of the nearest crosswalk line (see Section 3B.16 and Figure 3B-15).

Section 2B.12 In-Street Pedestrian Crossing Signs (R1-6, R1-6a)

Option:

The In-Street Pedestrian Crossing (R1-6 or R1-6a) sign (see Figure 2B-2) may be used to remind road users of laws regarding right of way at an unsignalized pedestrian crossing. The legend STATE LAW may be shown at the top of the sign if applicable. The legends STOP FOR or YIELD TO may be used in conjunction with the appropriate symbol.

Guidance:

If an island (see Chapter 3G) is available, the In-Street Pedestrian Crossing sign, if used, should be placed on the island.

Standard:

The In-Street Pedestrian Crossing sign shall not be used at signalized locations.

The STOP FOR legend shall only be used in States where the State law specifically requires that a driver must stop for a pedestrian in a crosswalk.

If used, the In-Street Pedestrian Crossing sign shall have a black legend (except for the red STOP or YIELD sign symbols) and border on either a white and/or fluorescent yellow-green background.

If the In-Street Pedestrian Crossing sign is placed in the roadway, the sign support shall comply with the breakaway requirements of the latest edition of AASHTO's "Specification for Structural Supports for Highway Signs, Luminaires, and Traffic Signals" (see Page i).

Support:

The Provisions of Section 2A.18 concerning mounting height are not applicable for the In-Street Pedestrian Crossing sign.

Option:

The In-Street Pedestrian Crossing sign may be used seasonably to prevent damage in winter because of plowing operations, and may be removed at night if the pedestrian activity at night is minimal.

Figure 2B-2. Unsignalized Pedestrian Crossing Signs



WISCONSIN SUPPLEMENT TO MUTCD

February 4, 2005

Section 2B.10 Yield Sign Placement

Standard:

The DO NOT ENTER sign shall not be mounted back to back with a YIELD sign. The DO NOT ENTER sign shall not protrude beyond the edges of the YIELD sign.

Section 2B.11 Yield Here to Pedestrians Signs (R1-5, R1-5a)

Standard:

When used, the R1-5 and R1-5a shall only be used at mid-block pedestrian crossings and shall also include a W11-2 pedestrian sign in advance of the crossing. The advanced pedestrian sign shall be supplemented with an AHEAD plaque (W16-19P).

Section 2B.12 In-Street Pedestrian Crossing Signs (R1-6, R1-6a)

Standard:

The R1-6a (Stop for Pedestrians) shall not be used in Wisconsin. In Wisconsin, Statute 346.24 indicates Yield to Pedestrians.

When used, they shall only be used as an in-street sign, not on the outside shoulder or parking lane.

The R1-6 sign shall not be used at intersection approaches that are controlled by a stop sign.

The sign support shall be a maximum 2" square or 2" round post that meets NCHRP 350 breakaway standards.

The maximum mounting height shall be 2 feet to the bottom of the sign.

When used, only one sign per approach shall be used and only at marked and maintained crosswalks.

When used, the In-Street Pedestrian Crossing sign shall be placed in each direction of the two-way street approach or utilize back-to-back signs.

Guidance:

The sign is not recommended for roadways with a speed limit of 45 MPH or higher.

Carol.

Please place this item on the **November 17th** BPW meeting. The item would be "Request to Install Stop for Pedestrians Sign in Ahnaip Street at RR Donnelly Pedestrian Crossing." Include this email in the packet.

Thanks, Mark

Mark Radtke
Director of Public Works
City of Menasha
Tel. (920) 967-3610
Fax (920) 967-5272
mradtke@ci.menasha.wi.us

-----Original Message-----

From: joel.p.schultz@rrd.com [mailto:joel.p.schultz@rrd.com]

Sent: Wednesday, October 22, 2008 10:51 AM

To: Mark Radtke

Cc: joel.p.banks@rrd.com; patrick.j.kloehn@rrd.com

Subject: RE: Ahnaip St Crosswalk

Mark-

Thanks for stopping over this morning to review signage options to help stop traffic for our employees and other citizens while in the crosswalk on Ahnaip Street. As discussed, our recommendation would be to have signs in the middle of the road on both sides of the crosswalk alerting the cars to the upcoming crosswalk and reminding them it is state law to stop for pedestrians crossing.. We feel this option would be more effective than signs in the terrace because parked cars will make it difficult to view those in the terrace plus they would just blend in with the other signs already in place. We understand that the signs in the road would have to be taken down in the winter.

If you would like someone from RR Donnelley present when you review this matter with the board, please advise.

Thanks again for your support on this matter.

Joel Schultz

Joel Schultz | Regional HR Manager | RR Donnelley
460 Ahnaip Street | PO Box 60 | Menasha, WI 54952 | ☎ 920-751-7210 | 📠 920-540-7394 | 📠 920-751-7252 | 📧 joel.p.schultz@rrd.com

"Mark Radtke" <mradtke@ci.menasha.wi.us>

10/20/2008 02:05 PM

Yes. I'll see you then at your place.

Mark Radtke
Director of Public Works
City of Menasha
Tel. (920) 967-3610
Fax (920) 967-5272
mradtke@ci.menasha.wi.us

To <joel.p.schultz@rrd.com>

CC

Subject RE: Ahnaip St Crosswalk

-----Original Message-----

From: joel.p.schultz@rrrd.com [mailto:joel.p.schultz@rrrd.com]
Sent: Monday, October 20, 2008 12:27 PM
To: Mark Radtke
Subject: RE: Ahnaip St Crosswalk

Mark-

Are you planning on coming over to our plant Wednesday at 9?

Thanks,
Joel

Joel Schultz | Regional HR Manager | RR Donnelley
460 Ahnaip Street | PO Box 60 | Menasha, WI 54952 | ☎ 920-751-7210 | 📠 920-540-7394 | 📠 920-751-7252 | ✉ joel.p.schultz@rrrd.com

"Mark Radtke" <mradtke@ci.menasha.wi.us>

10/17/2008 11:59 AM

To <joel.p.schultz@rrrd.com>
cc
Subject RE: Ahnaip St Crosswalk

Joel,

I think to have both types of sign in use would be an unnecessary duplication, and I'm not sure if that is even allowed. My preference is for the signs in the terrace because they would be in place year-round. The only times I have available next week are Monday, Wednesday or Thursday mornings – 9:00 each of those days would work best. Please let me know if any of those times work for you.

Thanks, Mark

Mark Radtke
Director of Public Works
City of Menasha
Tel. (920) 967-3610
Fax (920) 967-5272
mradtke@ci.menasha.wi.us

-----Original Message-----

From: joel.p.schultz@rrrd.com [mailto:joel.p.schultz@rrrd.com]
Sent: Friday, October 17, 2008 10:28 AM
To: Mark Radtke
Cc: joel.p.banks@rrrd.com
Subject: RE: Ahnaip St Crosswalk

Thanks a lot Mark for info.. We are definitely interested in pursuing signage.. Our thinking would be to have signs before the crosswalk as laid out in your attachment plus the sign in the crosswalk for all times of the year except winter. Would you have some time next week to stop over and talk with our plant manager and me on where we could

place the signs and timing to accomplish this project?

Thanks for your help..

Joel Schultz

Joel Schultz | Regional HR Manager | RR Donnelley
460 Ahnaip Street | PO Box 60 | Menasha, WI 54952 | ☎ 920-751-7210 | 📠 920-540-7394 | 📠 920-751-7252 | ✉ joel.p.schultz@rrd.com

"Mark Radtke" <mradtke@ci.menasha.wi.us>

10/16/2008 02:33 PM

To <joel.p.schultz@rrd.com>

cc

Subject RE: Ahnaip St Crosswalk

Sorry for the slow response Joel. Attached is the section of the Manual on Uniform Traffic Devices that describes the use of the signs you asked about.

Mark

Mark Radtke
Director of Public Works
City of Menasha
Tel. (920) 967-3610
Fax (920) 967-5272
mradtke@ci.menasha.wi.us

-----Original Message-----

From: joel.p.schultz@rrd.com [mailto:joel.p.schultz@rrd.com]

Sent: Tuesday, October 14, 2008 2:08 PM

To: joel.p.schultz@rrd.com

Cc: Mark Radtke

Subject: Re: Ahnaip St Crosswalk

Mark-

Just checking in to make sure you received this email.. Please advise..

Thanks,

Joel Schultz

Joel Schultz | Regional HR Manager | RR Donnelley
460 Ahnaip Street | PO Box 60 | Menasha, WI 54952 | ☎ 920-751-7210 | 📠 920-540-7394 | 📠 920-751-7252 | ✉ joel.p.schultz@rrd.com

Joel P Schultz/US/DNY

10/08/2008 03:56 PM

To: mrادتke@ci.menasha.wi.us

CC

Subject: Ahnaip St Crosswalk

Mark-

Thanks a lot for taking some time today to discuss our concerns with the crosswalk on Ahnaip Street used by our employees when exiting/entering our facility. I have worked in this plant for 21 years and every couple of years employees voice a concern to Human Resources about almost getting "picked off" in the Ahnaip Street crosswalk. This time, I have to say, the concerns have been quite numerous and alarming from a safety standpoint. After hearing stories from my employees I'm surprised there hasn't been an accident..

Mark, we would certainly appreciate anything the City could do from a signage standpoint to reduce the safety risk of our employees and increase the awareness of the drivers that there are pedestrians in the crosswalk and they are required to yield to them. As discussed, email me some options and I will share them with my management team and then get back to you.

Thanks so much for your support on this very important matter.

Joel Schultz

Joel Schultz | Regional HR Manager | RR Donnelley
460 Ahnaip Street | PO Box 60 | Menasha, WI 54952 |  920-751-7210 |  920-540-7394 |  920-751-7252 |  joel.p.schultz@rtd.com



Memorandum

DATE: November 12, 2008

TO: Board of Public Works

FROM: Mark Radtke, Director of Public Works *MR*

RE: Authorization to Execute Compliance Agreement with Department of Natural Resources (Sanitary Sewer Bypasses)

Attached are documents related to the proposed compliance agreement with WisDNR resulting from two sewer bypasses the City of Menasha experienced earlier this year. In April and June of this year, the City bypassed diluted sanitary sewerage to the storm sewer system due to extremely high flows in the sanitary sewer system. The bypasses occurred during two separate periods of heavy rainfall combined with saturated soil conditions, which produced a high volume of infiltration and inflow (I&I) into the sanitary sewer system.

The City only initiates bypassing when there is a likelihood of property damage due to basement back-ups if bypassing were not to occur. As required by our WPDES permit, we notified WisDNR after each of the two bypass occurrences. In September of this year, we were notified by WisDNR that we were in violation of our permit requirement regarding unscheduled sanitary sewer overflows (bypasses).

As a result, we met with WisDNR officials to discuss the bypass situations and proposed corrective actions to reduce the frequency of future bypasses. From that meeting the WisDNR submitted a draft compliance agreement for the City's consideration addressing the areas of concern in our system. The City modified the agreement due to what we felt were severe time constraints to complete various activities outlined in the agreement. WisDNR has accepted our modifications and the proposed final compliance agreement is now before us for approval.

The compliance agreement requires the City to analyze the capacity of the sewer system in the bypass areas, conduct various home and system inspections to identify sources of I&I, evaluate the contribution of wastewater from Waverly Sanitary District, and televise certain sewer segments to determine possible bypass impact. Many of these tasks can be done with our Engineering Department staff. Capacity analysis will need to be done by an engineering consultant. I recommend approval of the Compliance Agreement with WisDNR. Our engineering consultant and I will be available at the Board meeting to answer any questions you have.

Attachments

M:\word\BPW memo re DNR compliance agreement 11-12-08.doc

Mark Radtke

From: Van Grinsven, Anne - DNR [Anne.VanGrinsven@Wisconsin.gov]
Sent: Thursday, October 30, 2008 2:52 PM
To: Mark Radtke; engineers@kaempferassociates.com
Cc: Savinski, James L - DNR
Subject: Final - Menasha Compliance Agreement

Attached for your signature is the City of Menasha compliance agreement. Please print two copies, sign both, and forward both to my attention at the Green Bay address. I will return to you one signed document for your files.

Please call with questions --- and thank you for your cooperation in this effort.

<<Menasha comp.doc>>

NOTICE OF CONFIDENTIALITY

THIS MESSAGE MAY CONTAIN INFORMATION WHICH, BY LAW, IS PRIVILEGED, CONFIDENTIAL OR EXEMPT FROM DISCLOSURE. PLEASE CONTACT THE SENDER FOR PERMISSION PRIOR TO DISCLOSING THE CONTENTS OF THIS MESSAGE TO ANY OTHER PERSON.

 **Anne M. Van Grinsven**

Environmental Enforcement Specialist - Leadworker

Bureau of Law Enforcement

Wisconsin Department of Natural Resources

(☎) phone: (920) 662-5163

(☎) fax: (920) 662-5413

(✉) e-mail: Anne.Vangrinsven@wisconsin.gov

COMPLIANCE AGREEMENT BY
THE DEPARTMENT OF NATURAL RESOURCES
AND
THE CITY OF MENASHA
OF APPLICABLE REGULATIONS AND
ACTIONS REQUIRED TO RETURN TO COMPLIANCE

Mark Radtke, Director of Public Works
City of Menasha
140 Main Street
Menasha, Wisconsin 54212

City of Menasha / Winnebago County
WPDES Permit WI-0047341-04
CT # 08-NEEE-059

The following is an agreement between the Department of Natural Resources (DNR) and the City of Menasha (Menasha) regarding permit requirements that apply and the actions that Menasha is required to undertake in response to unscheduled sanitary sewer overflows. Menasha is the owner/operator of a sanitary collection system.

Signing of this agreement does not excuse past violations by Menasha nor preclude the Department from taking enforcement action for any past violations.

APPLICABLE PERMIT REQUIREMENTS

1. Menasha's wastewater collection system operates under the authority of WPDES Permit WI-0047341-04, effective March 1, 2006 (Permit).
2. Section 2.1 of the Permit prohibits Menasha from unscheduled sanitary sewer overflows with limited exceptions.
3. Section 2.2 of the Permit requires Menasha to verbally notify the Department within 24 hours of initiation of the sanitary sewer overflow and in writing within 5 days of the conclusion of the sanitary sewer overflow of the items outlined in the Permit.
4. For the occurrences outlined in the September 25, 2008 Notice of Violation, Menasha did not meet any of the sanitary sewer overflow exceptions outlined in the Permit.

AGREEMENT

Menasha acknowledges that the actions listed below are necessary in order to eliminate sanitary sewer overflows in the future and to comply with the Permit, and accordingly agrees to do the following with regard to Menasha's sewage collection system (note – the Phase numbers refer to the designated areas in Menasha's ongoing SSES and sewer evaluation program):

1. Notify the Department both verbally and in writing of any sanitary sewer overflows as required by the Permit.
2. For each report identified below and required to be submitted, Menasha shall identify the necessary corrective actions and the timeline by which they will be completed.

3. Phase 1 evaluations -

- a. Menasha shall evaluate the Ninth Street Sewage Lift Station near Ninth Street and Elmwood Drive to determine the lift station's capacity to pump the peak wastewater flow from the Phase 1 area. Menasha shall complete this work by no later than December 31, 2008. After completion of the evaluation, Menasha shall submit a summary of its findings to Jim Savinski, 625 E County Road Y, Suite 700, Oshkosh, WI 54901, by no later than January 15, 2009. The lift station and sewage force main improvements that are needed, based on the evaluation, will be completed within 15 months of the DNR approval of the evaluation.
- b. Menasha shall meter the flow entering into the lift station. After completion of the metering project, Menasha shall submit a summary of its findings to Jim Savinski, 625 E County Road Y, Suite 700, Oshkosh, WI 54901, by no later than April 30, 2009.
- c. Menasha shall conduct residential sump pump and foundation drain inspections to determine compliance with Menasha's rules. After completion of the residential sump pump inspections, Menasha shall submit a summary of its findings to Jim Savinski, 625 E County Road Y, Suite 700, Oshkosh, WI 54901, by no later than May 31, 2009.

4. Phase 2 evaluations -

- a. Menasha shall evaluate the contribution of wastewater received from Waverly and determine if that amount is excessive. After completion of the Waverly evaluation, Menasha shall submit a summary of its findings to Jim Savinski, 625 E County Road Y, Suite 700, Oshkosh, WI 54901, by no later than March 31, 2009.
- b. Menasha shall evaluate the hydraulic capacity of the major trunk and interceptor sewers that serve the Phase 1 and Phase 2 areas. The hydraulic evaluation will include a review of the impact of the surcharge of the manhole at Fifth Street and London Street and on the bypassing at Seventh Street and Ida Street. After completion of the hydraulic evaluation, Menasha shall submit a summary of its findings to Jim Savinski, 625 E County Road Y, Suite 700, Oshkosh, WI 54901, by no later than March 15, 2009. The collection system improvements that are needed will be completed within 18 months of the DNR approval of the evaluation.
- c. Menasha shall evaluate the sewer system to determine if there are any cross connections between the Phase 2 area and Phase 3 area that would have caused bypassing at the two bypass locations in the Phase 2 area. After completion of the sewer system evaluation, Menasha shall submit a summary of its findings to Jim Savinski, 625 E County Road Y, Suite 700, Oshkosh, WI 54901, by no later than January 15, 2009.

5. Phase 4 evaluations –

- a. Menasha shall conduct home inspections in and around Keyes and Park Streets to determine sump pump and foundation drain connections. After completion of these home inspections, Menasha shall submit a summary of its findings to Jim Savinski, 625 E County Road Y, Suite 700, Oshkosh, WI 54901, by no later than June 30, 2009.
- b. Menasha shall conduct inspections of sanitary manholes in order to determine the impact of infiltration from the manholes on the bypassing events at the Keyes Street and Park Street manhole. Menasha shall submit a summary of its findings to Jim Savinski, 625 E County Road Y, Suite 700, Oshkosh, WI 54901, by no later than March 31, 2009. The manhole rehabilitation work that is needed, based on the inspection program, will be completed by June 30, 2010.
- c. Menasha shall televise the sewer lines that are necessary in order to determine their potential impact to bypassing events at the Keyes and Park Streets manhole. After completion of the televising project, Menasha shall submit a summary of its findings to Jim Savinski, 625 E County Road Y, Suite 700, Oshkosh, WI 54901, by no later than July 15, 2010. The sewer rehabilitation work that is needed, based on the sewer televising program, will be completed by September 30, 2011.

FOR:

City of Menasha

Mark Radtke, Director of Public Works

Date

FOR:

THE DEPARTMENT OF NATURAL RESOURCES

Anne Van Grinsven, Environmental Enforcement Specialist

Date

Jim Savinski, Wastewater Engineer

Date

Cc: Tom Gilbert – WT/3

Mark Radtke

From: Mark Radtke
Sent: Thursday, October 23, 2008 10:51 AM
To: 'Van Grinsven, Anne - DNR'
Cc: 'james.savinski@wisconsin.gov'; engineers@kaempferassociates.com
Subject: RE: For your Review - Draft Compliance Agreement for City of Menasha

Anne,

Attached please find our response regarding the proposed compliance agreement. The revisions are indicated in different text color. Please contact me if you have any questions. I will be out of the office from October 23rd to November 7th.

Thanks,
Mark

Mark Radtke
Director of Public Works
City of Menasha
Tel. (920) 967-3610
Fax (920) 967-5272
mradtke@ci.menasha.wi.us

-----Original Message-----

From: Van Grinsven, Anne - DNR [mailto:Anne.VanGrinsven@Wisconsin.gov]
Sent: Monday, October 20, 2008 11:20 AM
To: Mark Radtke; engineers@kaempferassociates.com
Subject: For your Review - Draft Compliance Agreement for City of Menasha

Dear Mark and Taryn,

Thank you for meeting with us last week. Per our discussion, I am attaching a draft compliance agreement for your review and comment. Please respond by Monday October 27.

<<Menasha comp.doc>>

NOTICE OF CONFIDENTIALITY

THIS MESSAGE MAY CONTAIN INFORMATION WHICH, BY LAW, IS PRIVILEGED, CONFIDENTIAL OR EXEMPT FROM DISCLOSURE. PLEASE CONTACT THE SENDER FOR PERMISSION PRIOR TO DISCLOSING THE CONTENTS OF THIS MESSAGE TO ANY OTHER PERSON.

 **Anne M. Van Grinsven**

Environmental Enforcement Specialist - Leadworker

Bureau of Law Enforcement

Wisconsin Department of Natural Resources

(☎) phone: (920) 662-5163

(☎) fax: (920) 662-5413

(✉) e-mail: Anne.Vangrinsven@wisconsin.gov

11/12/2008

COMPLIANCE AGREEMENT BY
THE DEPARTMENT OF NATURAL RESOURCES
AND
THE CITY OF MENASHA
OF APPLICABLE REGULATIONS AND
ACTIONS REQUIRED TO RETURN TO COMPLIANCE

Mark Radtke, Director of Public Works
City of Menasha
140 Main Street
Menasha, Wisconsin 54212

City of Menasha / Winnebago County
WPDES Permit WI-0047341-04
CT # 08-NEEE-059

The following is an agreement between the Department of Natural Resources and the City of Menasha (Menasha), owner/operator of a sanitary collection system serving residents, of the permit requirements that apply and the actions that Menasha is required to undertake in response to unscheduled sanitary sewer overflows.

Signing of this agreement does not excuse past violations by Menasha nor preclude the Department from taking enforcement action for any past violations.

APPLICABLE PERMIT REQUIREMENTS

1. Menasha's sewage collection system operates under the authority of WPDES Permit WI-0047341-04, effective March 1, 2006 (Permit).
2. Section 2.1 of the Permit prohibits Menasha from an unscheduled sanitary sewer overflows with limited exceptions.
3. Section 2.2 of the Permit requires Menasha to verbally notify the Department within 24 hours of initiation of the sanitary sewer overflow and in writing within 5 days of the conclusion of the sanitary sewer overflow of the items outlined in the Permit.
4. For the occurrences outlined in the September 25, 2008 Notice of Violation, Menasha did not meet any of the sanitary sewer overflow exceptions outlined in the Permit.

AGREEMENT

Menasha acknowledges that the actions listed below are necessary in order to eliminate sanitary sewer overflows in the future and to comply with the Permit, and accordingly agrees to do the following with regard to Menasha's sewage collection system (note – the Phase numbers refer to the designated areas in Menasha's ongoing SSES and sewer evaluation program):

1. Notify the Department both verbally and in writing of any sanitary sewer overflows as required by the Permit.
2. For each report identified below and required to be submitted, Menasha shall identify the necessary corrective actions and the timeline by which they will be completed.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
2984 Shawano Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

September 25, 2008

RECEIVED SEP 26 2008

Don Merkes, Mayor
City of Menasha
140 Main Street
Menasha, Wisconsin 54952

HAND DELIVERED
Casetrack # 2008-NEEE-059
WPDES Permit: WI-0047341-04
Winnebago County

Subject: **NOTICE OF VIOLATION / NOTICE OF CLAIM / ENFORCEMENT
CONFERENCE**

Dear Mayor Merkes:

The Department of Natural Resources (Department) has reason to believe the City of Menasha (Menasha) is in violation of its General Permit to Discharge under the Wisconsin Pollutant Discharge Elimination System (WPDES) permit, number WI-0047341-04 (the Permit) effective March 1, 2006. The Permit regulates bypasses or sanitary sewer overflows (SSO) from the sewage collection system owned and operated by municipalities and non-municipal entities that do not own or operate a wastewater treatment plant.

The Department alleges Menasha violated the following specific Permit requirements:

1. Section 2.1 of the Permit, prohibits any unscheduled SSO from the collection system, with limited exceptions.

On April 11, 2008, Menasha provided the Department with verbal notification of four unscheduled bypasses of domestic sewage. These included:

- Bypass began April 10, 2008, and ended on April 11, 2008, at Park Street / Keyes Street manhole. Menasha provided written notification to the Department on April 21, 2008. According to Menasha's written documentation, Menasha bypassed approximately 310,000 gallons of sewage to the Fox River.
- Bypass began April 11, 2008, and ended later that same day, at the Ninth Street / Elmwood Drive lift station manhole. Menasha provided written notification to the Department on April 21, 2008. According to Menasha's written documentation, Menasha bypassed approximately 138,000 gallons of sewage to the Fox River.
- Bypass began April 11, 2008, and ended later that same day, at the Fifth Street / London Street manhole. Menasha provided written notification to the Department on April 21, 2008. According to Menasha's written documentation, Menasha bypassed approximately 205,000 gallons of sewage to the Fox River.
- Bypass began April 11, 2008, and ended later that same day, at the Seventh Street / Ida Street manhole. Menasha provided written notification to the Department on April 21, 2008. According to

Menasha's written documentation, Menasha bypassed approximately 428,000 gallons of sewage to the Fox River.

On June 13, 2008, Menasha provided the Department with verbal notification of four unscheduled bypasses of domestic sewage. These included:

- Bypass began June 12, 2008, and ended on June 13, 2008, at the Park Street / Keyes Street manhole. Menasha provided written notification to the Department. According to Menasha's written documentation, Menasha bypassed approximately 355,000 gallons of sewage.
- Bypass began June 12, 2008, and ended on June 13, 2008 later that same day, at the Seventh Street / Ida Street manhole. Menasha provided written notification to the Department. According to Menasha's written documentation, Menasha bypassed approximately 790,000 gallons of sewage to the Fox River.
- Bypass began June 12, 2008, and ended on June 13, 2008, at the Fifth Street / London Street manhole. Menasha provided written notification to the Department. According to Menasha's written documentation, Menasha bypassed approximately 495,000 gallons of sewage to the Fox River.
- Bypass began June 12, 2008, and ended on June 13, 2008, at the Ninth Street / Elmwood Drive lift station manhole. Menasha provided written notification to the Department. According to Menasha's written documentation, Menasha bypassed approximately 70,000 gallons of sewage to the Fox River.

As a reminder, Menasha is required to provide written notification within 5 days after the conclusion of an occurrence.

The Department therefore alleges that on several dates, Menasha was in violation of Section 2.1 of the Permit for bypassing domestic sewage.

The Department is concerned about the unscheduled bypassing by Menasha and the resultant discharge of untreated domestic sewage to the Fox River. You and/or authorized representatives should plan to attend an enforcement conference on **Thursday, October 16, 2008 at 9:00 a.m. The meeting will be held at the Department of Natural Resources Oshkosh Service Center, 625 E. County Road Y, Suite 700, in Oshkosh.** A map is enclosed for your convenience. **You should contact me immediately if Menasha are unable to attend the conference** on this date. Generally, please be prepared to describe why sewage was bypassed to the Fox River instead of seeking out alternative methods of disposal; a detailed report describing corrective actions that have been taken and will be taken to identify and correct the sources of excessive infiltration/inflow thereby preventing further violations and to maintain compliance with the Permit; a schedule by which these actions will be completed; and information as to who will be performing the work. The information provided will be incorporated into a compliance agreement to be signed by Menasha. If possible, Menasha should submit a written summary to the above questions in advance of the enforcement conference so that the information provided can be incorporated into the compliance agreement. Please submit the summary to my attention at the address shown in the letterhead.

Upon completion of the Department's review of the circumstances surrounding the bypass event, the Department may take further action, which could include:

1. Referral to the Wisconsin Department of Justice for prosecution;
2. Modification of your permit requiring specific actions and a compliance schedule;

3. Requesting, with your consent, additional investigations and implementation of actions that may be identified to correct or eliminate such occurrences.

Please be advised that the Department is authorized to seek injunctive or other appropriate relief for violations of pollution discharge elimination laws, including forfeitures of no more than \$10,000 per day of violation, pursuant to s. 283.91(2), Wis. Stats. Any person who willfully or negligently violates laws relating to pollution discharge elimination may be fined not more than \$25,000 per day of violation or imprisoned for not more than 6 months or both, pursuant to s. 283.91(3), Wis. Stats. Each day of violation is considered a separate offense.

This letter also serves as a Notice of Claim. The Department hereby gives notice of its intent and reserves its right to seek corrections, injunctive relief, and monetary penalties as allowed by ch. 283, Wis. Stats., for the above alleged violations. This Notice of Claim fulfills the requirements of s. 893.80(1), Wis. Stats., which requires a written notice of the circumstances of a claim be served within 120 days after the happening of the event which gave rise to the claim

If you have technical questions regarding your wastewater system, please contact Wastewater Engineer Mr. Jim Savinski at (920) 424-4013. If you have questions regarding this notice, please contact me at (920) 662-5163.

Sincerely,



Anne M. Van Grinsven
Environmental Enforcement Specialist - Leadworker

Enc: Map

Cc: J. Savinski / file – Oshkosh
M. Hofer - LC/8
WT/3
M. Radtke – Director of Public Works, City of Menasha, 140 Main Street, Menasha, WI 54952

Sanitary Sewer Overflow (SSO) Detail Report

Report Data Criteria : Facility : MENASHA CITY, Dates : 01/01/2000 - 10/15/2008

10/16/2008

Page 1 of 4

Grand Chute Menasha West Sewerage Commission - City of Menasha

0047341-04-0

Winnebago County

Northeast Region

SSO Time Period : 05/18/2000 00:00

SSO Volume (MG) : 0.1100

Event Location Bypassing at 9th St. / Elmwood Dr. due to heavy rainfall, wet soil conditions during this period

Causes : Rain

Explanation of Cause :

Rainfall Duration : 0.00 h Rainfall Amount : 2.00 in

Downstream Surface Water :

Corrective Action : ?

SSO Time Period : 04/06/2001 00:00

SSO Volume (MG) : 0.0400

Event Location Bypass location at Ninth & Elmwood (Lift station)

Causes : Rain

Explanation of Cause :

Rainfall Duration : 0.00 h Rainfall Amount : 1.30 in

Downstream Surface Water :

Corrective Action :

SSO Time Period : 06/11/2001 00:00

SSO Volume (MG) : 0.2400

Event Location Bypass location at Ninth & Elmwood (lift station).

Causes : Powerout

Explanation of Cause :

Rainfall Duration : 0.00 h Rainfall Amount : 2.30 in

Downstream Surface Water :

Corrective Action : Bypass caused by power outage.

SSO Time Period : 06/11/2001 00:00

SSO Volume (MG) : 0.2000

Event Location Bypass location at Paris & DePere (lift station).

Causes : Powerout

Explanation of Cause :

Rainfall Duration : 0.00 h Rainfall Amount : 2.30 in

Downstream Surface Water :

Corrective Action : Bypass occurred due to power outage.

SSO Time Period : 06/11/2001 00:00

SSO Volume (MG) : 0.0700

Event Location Bypass location at Twelfth & DePere (lift station).

Causes : Powerout

Explanation of Cause :

Rainfall Duration : 0.00 h Rainfall Amount : 2.30 in

Downstream Surface Water :

Corrective Action : Bypass caused by power outage.

Sanitary Sewer Overflow (SSO) Detail Report

Report Data Criteria : Facility : MENASHA CITY, Dates : 01/01/2000 - 10/15/2008

10/16/2008

Page 2 of 4

Grand Chute Menasha West Sewerage Commission - City of Menasha

0047341-04-0

Winnebago County

Northeast Region

SSO Time Period : 06/11/2001 00:00

SSO Volume (MG) : 0.1600

Event Location Bypass location at Parks & Keyes (sanitary manhole).

Causes : Powerout

Explanation of Cause :

Rainfall Duration : 0.00 h Rainfall Amount : 2.30 in

Downstream Surface Water :

Corrective Action : Bypass occurred due to power outage.

SSO Time Period : 06/11/2001 00:00

SSO Volume (MG) : 0.8100

Event Location Bypass location at Seventh & Ida.

Causes : Powerout

Explanation of Cause :

Rainfall Duration : 0.00 h Rainfall Amount : 2.30 in

Downstream Surface Water :

Corrective Action : Bypass occurred due to power outage.

SSO Time Period : 04/10/2008 22:00 to 04/11/2008 22:30

SSO Volume (MG) : 0.3100

Event Location Manhole at Park Street and Keyes Street

Causes : Rain, Rain/Snowmelt

Explanation of Cause : This section of the City has not yet undergone SSES to identify I/I sources. We anticipate completion of the SSES in 2009 with follow up corrective work, as identified, in 2010-2011.

Rainfall Duration : 98.00 h Rainfall Amount : 3.30 in

Downstream Surface Water : Fox River

Corrective Action : Bypass pump was monitored and throttled down or shut off as necessary. The City is currently performing a city-wide SSES to identify I/I sources. We are in Phase 3 of 4 and anticipate completion of SSES in 2009 or 2010. Sections of our sanitary sewer system have been relayed, lined (CIPP), grouted, spot lined as identified in the SSES. We have seen improvements in wet weather flows based on our improvements made to the sewer lines and manholes. This rain event necessitated pumping to protect basements and to prevent basement flooding.

SSO Time Period : 04/11/2008 00:30 to 04/11/2008 20:00

SSO Volume (MG) : 0.1380

Event Location Ninth Street at Elmwood Drive Lift Station

Causes : Rain, Rain/Snowmelt

Explanation of Cause : Besides the heavy rain and saturated soils, there may be some material build up on the inside wall of the force main pipe. We will be testing this forcemain to determine if there is any restriction resulting in friction losses/reduced flow capacity.

Rainfall Duration : 98.00 h Rainfall Amount : 3.30 in

Downstream Surface Water : Fox River

Corrective Action : Bypass pump was monitored and throttled down or shut off as necessary. The City is currently performing a city-wide SSES to identify I/I sources. We are in Phase 3 of 4 and anticipate completion of SSES in 2009 or 2010. Sections of our sanitary sewer system have been relayed, lined (CIPP), grouted, spot lined as identified in the SSES. We have seen improvements in wet weather flows based on our improvements made to the sewer lines and manholes. This rain event necessitated pumping to protect basements and to prevent basement flooding.

Sanitary Sewer Overflow (SSO) Detail Report

Report Data Criteria : Facility : MENASHA CITY, Dates : 01/01/2000 - 10/15/2008

10/16/2008

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Grand Chute Menasha West Sewerage Commission - City of Menasha

0047341-04-0

Winnebago County

Northeast Region

SSO Time Period : 04/11/2008 01:00 to 04/11/2008 22:00

SSO Volume (MG) : 0.2050

Event Location : Manhole at Fifth Street and London Street

Causes : Rain, Rain/Snowmelt

Explanation of Cause : Manhole bench channels could be re-done to provide better flow characteristics.

Rainfall Duration : 98.00 h Rainfall Amount : 3.30 in

Downstream Surface Water : Fox River

Corrective Action : Bypass pump was monitored and throttled down or shut off as necessary. The City is currently performing a city-wide SSES to identify I/I sources. We are in Phase 3 of 4 and anticipate completion of SSES in 2009 or 2010. Sections of our sanitary sewer system have been relayed, lined (CIPP), grouted, spot lined as identified in the SSES. We have seen improvements in wet weather flows based on our improvements made to the sewer lines and manholes. This rain event necessitated pumping to protect basements and to prevent basement flooding.

SSO Time Period : 04/11/2008 02:45 to 04/11/2008 20:00

SSO Volume (MG) : 0.4280

Event Location : Manhole at Seventh Street and Ida Street

Causes : Rain, Rain/Snowmelt

Explanation of Cause : No further explanation other than heavy rain amount with saturated soil conditions.

Rainfall Duration : 98.00 h Rainfall Amount : 3.30 in

Downstream Surface Water : Fox River

Corrective Action : Bypass pump was monitored and throttled down or shut off as necessary. The City is currently performing a city-wide SSES to identify I/I sources. We are in Phase 3 of 4 and anticipate completion of SSES in 2009 or 2010. Sections of our sanitary sewer system have been relayed, lined (CIPP), grouted, spot lined as identified in the SSES. We have seen improvements in wet weather flows based on our improvements made to the sewer lines and manholes. This rain event necessitated pumping to protect basements and to prevent basement flooding.

SSO Time Period : 06/12/2008 20:00 to 06/13/2008 14:30

SSO Volume (MG) : 0.3550

Event Location : Park Street and Keyes Street Manhole

Causes : Rain

Explanation of Cause : Bypass necessary due to a heavy rainfall event following a prolonged recent period of higher than average precipitation. Bypassing started upon notice that residential back ups were occurring.

Rainfall Duration : 9.50 h Rainfall Amount : 2.40 in

Downstream Surface Water :

Corrective Action : Our bypass pumps were continuously monitored throughout this period. We would shut down pumps intermittently to gauge the need for continuation of pumping - only restarting the pumps when necessary. As a measure to prevent future bypasses, the City has been involved in a city-wide SSES program for 4 years and has identified I & I sources for correction. We are currently making improvements in Phase 3 (of 4) area of the City.

SSO Time Period : 06/12/2008 20:30 to 06/13/2008 14:00

SSO Volume (MG) : 0.7900

Event Location : Seventh Street and Ida Street Manhole

Causes : Rain

Explanation of Cause : Bypass necessary due to a heavy rainfall event following a prolonged recent period of higher than average precipitation. Bypassing started upon notice that residential backups were occurring.

Rainfall Duration : 9.50 h Rainfall Amount : 2.40 in

Downstream Surface Water : Fox River (Little Lake Butte des Morts)

Corrective Action : Our bypass pumps were continuously monitored throughout this period. We would shut down pumps intermittently to gauge the need for continuation of pumping - only restarting the pumps when necessary. As a measure to prevent future bypasses, the City has been involved in a city-wide SSES program for 4 years and has identified I & I sources for correction. We are currently making improvements in Phase 3 (of 4) area of the City.

Sanitary Sewer Overflow (SSO) Detail Report

Report Data Criteria : Facility : MENASHA CITY, Dates : 01/01/2000 - 10/15/2008

10/16/2008

Page 4 of 4

Grand Chute Menasha West Sewerage Commission - City of Menasha

0047341-04-0

Winnebago County

Northeast Region

SSO Time Period : 06/12/2008 21:00 to 06/13/2008 11:00

SSO Volume (MG) : 0.4950

Event Location : Fifth Street and London Street Manhole

Causes : Rain

Explanation of Cause : Bypass necessary due to a heavy rainfall event following a prolonged recent period of higher than average precipitation. Bypassing started upon notice that residential backups were occurring.

Rainfall Duration : 9.50 h Rainfall Amount : 2.40 in

Downstream Surface Water : Fox River

Corrective Action : Our bypass pumps were continuously monitored throughout this period. We would shut down pumps intermittently to gauge the need for continuation of pumping - only restarting the pumps when necessary. As a measure to prevent future bypasses, the City has been involved in a city-wide SSES program for 4 years and has identified I & I sources for correction. We are currently making improvements in Phase 3 (of 4) area of the City.

SSO Time Period : 06/12/2008 21:30 to 06/13/2008 03:30

SSO Volume (MG) : 0.0700

Event Location : Ninth Street and Elmwood Street Lift Station

Causes : Rain

Explanation of Cause : Bypass necessary due to a heavy rainfall event following a prolonged recent period of higher than average precipitation. Bypassing started upon notice that residential backups were occurring.

Rainfall Duration : 9.50 h Rainfall Amount : 2.40 in

Downstream Surface Water : Fox River (Little Lake Butte des Morts)

Corrective Action : Our bypass pumps were continuously monitored throughout this period. We would shut down pumps intermittently to gauge the need for continuation of pumping - only restarting the pumps when necessary. As a measure to prevent future bypasses, the City has been involved in a city-wide SSES program for 4 years and has identified I & I sources for correction. We are currently making improvements in Phase 3 (of 4) area of the City.

City of Menasha Summary :

	Total # of SSO Events :	15	Total SSO Volume Range (MG) :	4.4210 to	4.4210
			Approx SSO Average Volume (MG) :	4.4210	

Report Total	Total # of SSO Events :	15	Total SSO Volume Range (MG) :	4.4210 to	4.4210
			Approx SSO Average Volume (MG) :	4.4210	

Kaempfer & Associates, Inc.

Consulting Engineers

650 East Jackson St. P.O. Box 150
Oconto Falls, Wisconsin 54154
(920) 846-3932 Fax (920) 846-8319

DATE: November 11, 2008 E145-05.01
TO: Mayor Donald Merkes and City Council
Mark Radtke, P.E., Director of Public Works
FROM: Taryn S. Nall, P.E. *TSN*
PROJECT: City of Menasha Phase 3 SSES and Sewer Rehabilitation Program
RE: Status Report

The City of Menasha started an extensive sewer system evaluation survey (SSES) and sewer rehabilitation program in 2002 to reduce infiltration and inflow (I/I) by correcting defects and structural deficiencies. Sources of I/I include manhole and sewer defects such as cracks, open joints, and fractured pipe; cracked sanitary lateral connections; and foundation drain cross-connections. The SSES and rehabilitation work is being performed throughout the entire collection system in four phases to make the program more manageable, prioritize drainage districts having the highest I/I, reduce manpower requirements, and spread out capital cost requirements. The drainage areas of the four phases are shown in Figure 1.

The Phase 3 SSES report was completed in January of 2007. The recommended plan in the Phase 3 SSES report was used to prepare contract documents for the Phase 3 Wastewater Collection System Rehabilitation Improvements project. The Phase 3 SSES report and construction plans and specifications for the Phase 3 Wastewater Collection System Rehabilitation Improvements were approved by the Wisconsin Department of Natural Resources (WDNR) on August 6, 2007.

The four construction contracts for the Phase 3 Wastewater Collection System Rehabilitation Improvements project were awarded on November 6, 2007. The total contract amount for the Phase 3 project was \$2,257,907.30. The total project cost was estimated to be \$2,733,400.00. The capital costs for the Phase 3 Wastewater Collection System Rehabilitation Improvements will be financed by a 20-year low interest loan from the Wisconsin Clean Water Fund (CWF). The user charge system was updated in September of 2006 to increase revenue to finance the project.

Construction of the Phase 3 Wastewater Collection System Rehabilitation Improvements project started in December of 2007. The Sanitary Sewer Lining work is being performed by Insituform Technologies USA, Inc. Approximately 90 percent of the \$1,582,723.00 contract is complete. The remaining work includes pressure inject grouting of sanitary lateral connections and punch list items. A summary of the work completed is presented in Table 1.

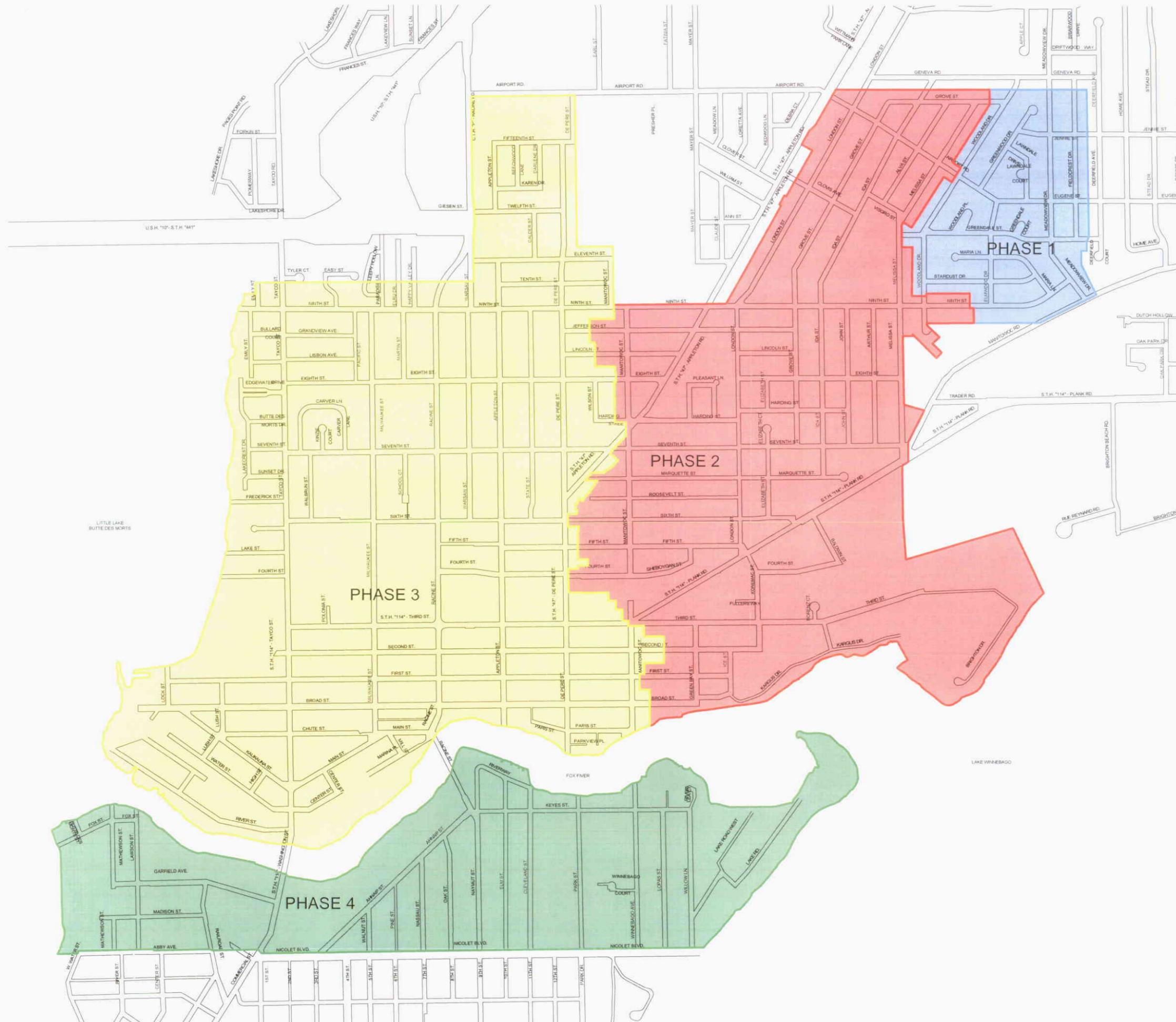


Fig. 1 Phases For Wastewater Collection System Improvements

Table 1 Summary of Phase 3 Rehabilitation Improvements Completed by Insituform Technologies USA, Inc.

Item	Work Completed
Sanitary Sewer CIPP Lining	
8" diameter sanitary sewer	13,461 lineal feet
10" diameter sanitary sewer	7,432 lineal feet
12" diameter sanitary sewer	13,075 lineal feet
15" diameter sanitary sewer	2,939 lineal feet
18" diameter sanitary sewer	7,318 lineal feet
21" diameter sanitary sewer	1,006 lineal feet
Pressure Inject Grouting Lateral Connections	Approximately 30 sewer segments out of 100 sewer segments

The Sanitary Sewer Rehabilitation work was performed by National Power Rodding Corporation. The contract has been completed. It is expected that the final cost for work under this contract will be approximately \$40,000 under the contract amount of \$150,459.73. A summary of the work completed under this contract is presented in Table 2.

Table 2 Summary of Phase 3 Rehabilitation Improvements Completed by National Power Rodding Corporation

Item	Work Completed
Sanitary Sewer Spot CIPP Lining	
8" diameter sanitary sewer	92 lineal feet
10" diameter sanitary sewer	5 lineal feet
12" diameter sanitary sewer	40 lineal feet
Pressure Inject Grouting Joints and Cracks	
21" diameter sanitary sewer	116 joints and cracks
27" diameter sanitary sewer	44 joints and cracks
Root Removal	
21" diameter sanitary sewer	207 lineal feet
Wall Repair of Precast Manholes	3 manholes
Pressure Inject Grouting of Defects in Manholes	34 defects
Invert Construction in Sanitary Manholes	2 manholes
Obstructions Removed in Sanitary Sewers	12 obstructions

The Sanitary Sewer Replacement work was performed by DeGroot, Inc. The contract has been completed. The final cost for the work under this contract will be \$24,682.90 below the contract amount of \$212,233.57. A summary of the work completed under this contract is presented in Table 3.

Table 3 Summary of Phase 3 Rehabilitation Improvements Completed by DeGroot, Inc.

Item	Work Completed
Sanitary Sewer Spot Replacement	
8" diameter sanitary sewer	22 lineal feet
10" diameter sanitary sewer	15 lineal feet
8" Diameter Sanitary Sewer Replacement	2,103 lineal feet
Sanitary Sewer Manhole Replacement	9 manholes
Sanitary Sewer Manhole Cone Replacement	1 cone

The Sanitary Manhole Lining work is being performed by Infrastructure Technologies, Inc. The contract is approximately 97 percent complete. It is expected that the final cost for work under this contract will be approximately \$6,000 under the contract amount of \$312,491.00. The work under this contract includes concrete lining of 111 sanitary manholes.

The Phase 3 SSES program includes a sump pump inspection program that will be completed in 2009. The sump pump inspection program is being performed in segments to make the program easier to manage and implement corrections. The locations of the five segments are shown in Figure 2. The Department of Public Works staff is performing the property inspections to identify illegal cross-connections to foundation drains or sump pump discharges to sanitary laterals. Inspections have been performed at 447 of the 449 sewer properties in Segment No. 1, 442 of the 446 sewer properties in Segment No. 2, 454 of the 455 sewer properties in Segment No. 3, and 215 of the 218 sewer properties in Segment No. 4a, that is approximately one-half of the Segment No. 4 area. Violations have been identified at 96 properties in Segment No. 1, 126 properties in Segment No. 2, 153 properties in Segment No. 3, and 24 properties in Segment No. 4a. Corrections have been completed at 92 properties in Segment No. 1, 119 properties in Segment No. 2, 146 properties in Segment No. 3, and 24 properties in Segment No. 4a. Twenty-five properties in the Phase 3 SSES study area are receiving sewer user surcharges for sewer use ordinance violations.

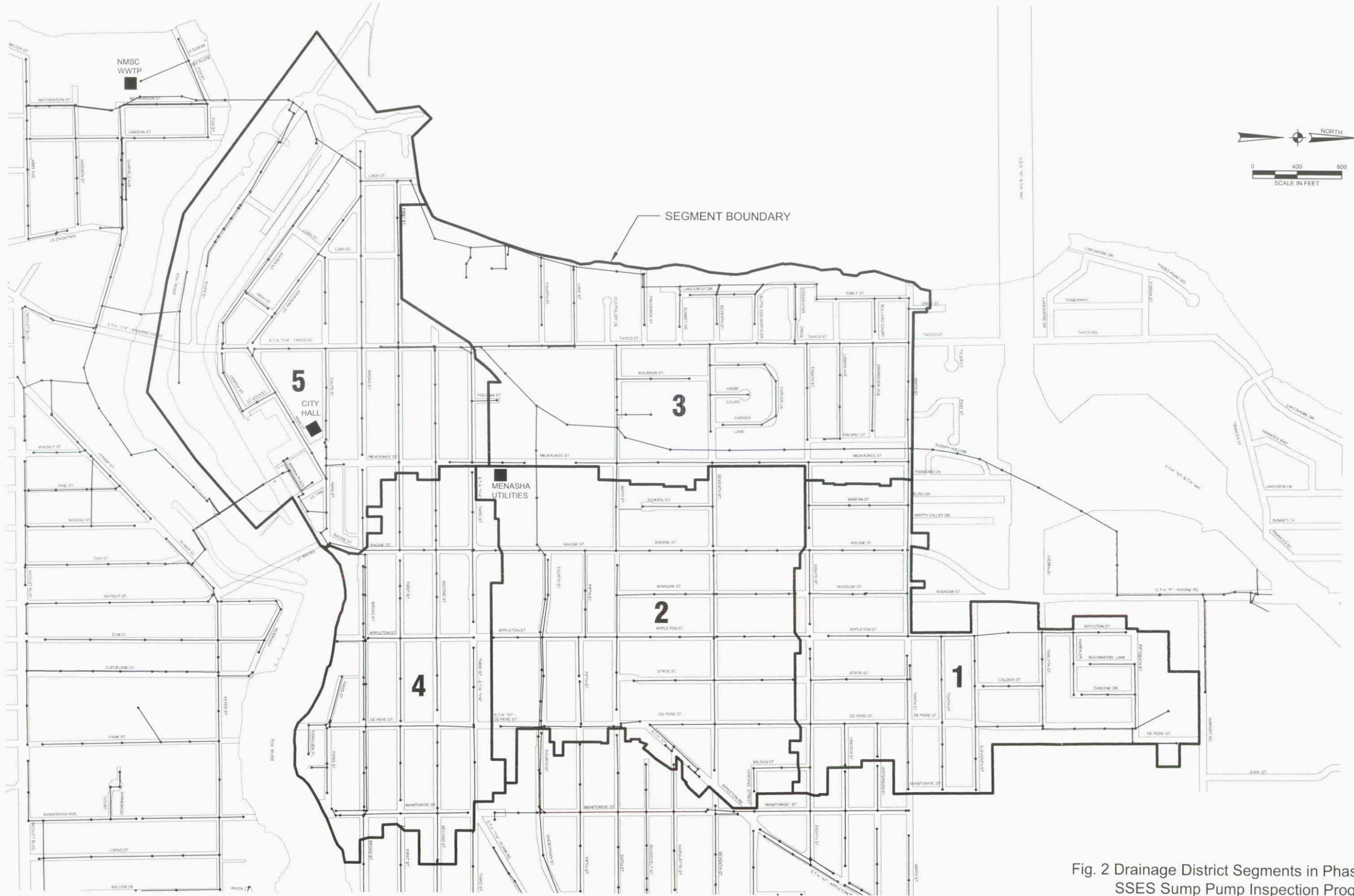


Fig. 2 Drainage District Segments in Phase 3 SSES Sump Pump Inspection Program