



**AGENDA**  
**City of Milton**  
**Public Works Committee**  
**Wednesday, November 5, 2014**  
**6:00 p.m.**  
**MILTON CITY HALL**  
**Council Chambers, 710 S. Janesville Street**

1. Call to order
2. Approve Agenda
3. Approve Minutes
4. Engineers Report
5. Informational Attachments
  - a. Equipment Maintenance Log
6. Discussion and possible action on the Gateway Drive storm sewer work order
7. Discussion and possible action regarding the water pressure model and low pressure area
8. General Items
9. Next Meeting – December 2, 2014
10. Motion to Adjourn

\*\*Please note that upon reasonable notice, at least 48 hours in advance, efforts will be made to accommodate the needs to disabled individuals through appropriate aids and services. For additional information to request this service, please contact the City Clerk's office at 868-6900, 710 S. Janesville Street, Milton, WI 53563.

Notice is hereby given that a majority of the Common Council may be present at this meeting at the above mentioned date and time to gather information about a subject over which they have decision-making responsibility. This constitutes a meeting of the City Council pursuant to State ex rel. Badke v. Greendale Village Bd., 173 Wis. 2d 553, 494 N.W. 2d 408 (1993) and must be noticed as such, although the City Council will not take any formal action at this meeting.

Posted by: Elena Berg  
10/31/14

**City of Milton  
Public Works Committee  
October 7, 2014**

**Call to order**

Chairperson Ald. Nancy Lader called the October 7, 2014 meeting of the Public Works Committee to order at approximately 6:02 p.m.

Present: Chairperson Ald. Nancy Lader, Ald. Dave Adams, and Ald. Lynda Clark.

Also Present: Mark Langer, Director of Public Works Howard Robinson, City Administrator Al Hulick, and Assistant to the City Administrator Inga Cushman.

**Approve Agenda**

Ald. Adams motioned to approve the agenda. Ald. Clark seconded, and the motion carried.

**Approve Minutes – September 2, 2014**

Ald. Adams motioned to approve the minutes. Ald. Clark seconded, and the motion carried.

**Engineers Report**

M. Langer was present to review the Engineer's Report in City Engineer Gary Vogel's place. M. Langer stated the one item not listed on the report is that Agnew Drive was completed on October 7, 2014, and they are working on final payment for that project. No action was taken.

**Informational Attachments**

a) **Equipment Maintenance Log**

DPW Robinson presented the Equipment Maintenance Log to the committee. No action was taken.

**Discussion and possible action regarding designation of a snow blower attachment as surplus for trade and purchase of two walk behind snow blowers**

DPW Robinson stated that the snow blower attachment came with the woods mower that was purchased previously. The attachment is rarely used because it is not as effective as the other equipment. The City will receive \$500 for a trade in for the attachment if the City purchases two walk behind snow blowers. DPW Robinson suggested leaving one in the Police Department Garage for use at the Police Department / City Hall Building, moving the one at the Treatment Plant to the library, and the other new one leaving at the Treatment Plant.

Ald. Adams motioned to designate the snow blower attachment as surplus for trade to allow for the purchase of two walk behind snow blowers. Ald. Clark seconded, and the motion carried.

**Discussion and possible action on 2014/2015 sidewalk closings**

DPW Robinson stated that he brought this information to the Council a month earlier than usual. He provided an overview to the Council of what was done during the 2013/2014 snow season. Discussion followed regarding the business sidewalks along Janesville Street going south toward

Henke Road. The committee preferred to go with the same closings as the prior year and revisit if there are complaints.

Ald. Clark motioned to approve the list of sidewalk closings as presented. Ald. Adams seconded, and the motion carried.

**General Items**

DPW Robinson stated that the southbound lane on the former STH 26 will have concrete poured this week and the northbound lane should be done next week. Once that work is done, they will work on repaving High Street. The Otter Creek Bridge is scheduled to be done the first week in November.

Ald. Clark suggested that Truck Route Signs be installed because she has received complaints regarding semis on High Street and Parkview Drive. DPW Robinson stated those roads are considered truck routes.

**Next Meeting – Wednesday, November 5, 2014**

The next meeting of the Public Works Committee will take place on November 5, 2014.

**Motion to Adjourn**

Ald. Adams motioned to adjourn the October 7, 2014 meeting of the Public Works Committee at approximately 6:17 p.m. Ald. Clark seconded, and the motion carried.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'I. Cushman', written over a horizontal line.

Inga Cushman  
Assistant to the City Administrator



# DPW Equipment Maintenance Log

Friday, October 31, 2014

8:30:40 AM

Emp #	Name		Date	Description	Hours	Veh #	Description	Notes
67	Nicholas	Taormino	8/25/2014	Public Safety Vehicle Repair	2.00	123	Squad Car	Tear apart and order parts for light bar
67	Nicholas	Taormino	8/25/2014	Public Safety Vehicle Repair	1.00	124	Police Vehicle	Reset cord for camera
67	Nicholas	Taormino	8/25/2014	Parks Vehicle Maintenance	1.00	35	Woods 4' Mower	Mower repairs
67	Nicholas	Taormino	8/25/2014	Wastewater Vehicle Maintenance	4.00	20	IHC 7400 Hi-Vac Truck (Sewer)	Replace light and work on cylinder
67	Nicholas	Taormino	8/26/2014	Public Safety Vehicle Repair	3.00	124	Police Vehicle	Troubleshoot alternator and take to dealer
59	Donald	Zimmerman	8/26/2014	Public Safety Vehicle Repair	1.00	15	Chevrolet Silverado	Squad to Janesville
67	Nicholas	Taormino	8/26/2014	Street Vehicle Maintenance	2.00	29	Tool Cat Utility Vehicle	Troubleshoot and repair backup alarm
101	Mathew	Duoss	8/27/2014	Parks Vehicle Maintenance	1.00	6	Isuza W-4 Dump 1-1/2 Ton	To Ace for mower parts
67	Nicholas	Taormino	8/27/2014	Parks Vehicle Maintenance	7.00	35	Woods 4' Mower	Replace broken deck
67	Nicholas	Taormino	8/27/2014	Parks Vehicle Maintenance	1.00	36	Woods 4' Mower	Repair sheared drive key
67	Nicholas	Taormino	8/27/2014	Street Vehicle Maintenance	1.00			Qaupte plow parts
59	Donald	Zimmerman	8/28/2014	Parks Vehicle Maintenance	0.50	15	Chevrolet Silverado	Pick up mower blades
67	Nicholas	Taormino	8/28/2014	Street Vehicle Maintenance	2.00	8	IH 4900 4x2 Dump/Plow/Sand (Oct)	Remove IP cluster and send for repair
67	Nicholas	Taormino	8/28/2014	Street Vehicle Maintenance	1.00	29	Tool Cat Utility Vehicle	Tire repair
67	Nicholas	Taormino	8/28/2014	Parks Vehicle Maintenance	2.00	34	Woods 4' Mower	Service and Repair
67	Nicholas	Taormino	8/28/2014	Parks Vehicle Maintenance	2.00	35	Woods 4' Mower	Service and repair
67	Nicholas	Taormino	8/28/2014	Parks Vehicle Maintenance	1.00	36	Woods 4' Mower	Service
60	Ken	Vierck	8/29/2014	Parks Vehicle Maintenance	4.00	38	Toro Mower 11' Deck	Mower Miant
67	Nicholas	Taormino	8/29/2014	Parks Vehicle Maintenance	1.00	38	Toro Mower 11' Deck	Service and check over

Emp #	Name		Date	Description	Hours	Veh #	Description	Notes
67	Nicholas	Taormino	8/29/2014	Parks Vehicle Maintenance	3.00	38	Toro Mower 11' Deck	Install remote grease lines
67	Nicholas	Taormino	9/2/2014	Street Vehicle Maintenance	1.00			Enter fuel and receipts
59	Donald	Zimmerman	9/2/2014	Parks Vehicle Maintenance	0.50	15	Chevrolet Silverado	Change Tire #38
59	Donald	Zimmerman	9/2/2014	Street Vehicle Maintenance	1.00	1	W-4500 Dump 1-1/2 Ton	Work on truck
59	Donald	Zimmerman	9/2/2014	Street Vehicle Maintenance	1.00	56	Bandit Chipper 250	Change Knives
67	Nicholas	Taormino	9/2/2014	Street Vehicle Maintenance	1.00	1	W-4500 Dump 1-1/2 Ton	Install bumper and check over
67	Nicholas	Taormino	9/2/2014	Parks Vehicle Maintenance	0.50	38	Toro Mower 11' Deck	Change Flat
59	Donald	Zimmerman	9/2/2014	Street Vehicle Maintenance	0.50	15	Chevrolet Silverado	Knives to KB Sharpening
67	Nicholas	Taormino	9/2/2014	Street Vehicle Maintenance	3.00	56	Bandit Chipper 250	Service and change knives, fix lights
67	Nicholas	Taormino	9/2/2014	Wastewater Vehicle Maintenance	1.00	20	IHC 7400 Hi-Vac Truck (Sewer)	Track down cylinder parts
67	Nicholas	Taormino	9/3/2014	Street Vehicle Maintenance	1.00	15	Chevrolet Silverado	Parts Run
67	Nicholas	Taormino	9/3/2014	Wastewater Vehicle Maintenance	5.00	37	Woods 61" Mower	Service and repair
67	Nicholas	Taormino	9/4/2014	Street Vehicle Maintenance	4.50	12	IH7400 DT466 Dump/Plow/Sand	Start repairs and check over
59	Donald	Zimmerman	9/4/2014	Parks Vehicle Maintenance	1.50	15	Chevrolet Silverado	Flat repair
67	Nicholas	Taormino	9/4/2014	Parks Vehicle Maintenance	2.00	38	Toro Mower 11' Deck	Fis 2 flats
101	Mathew	Duoss	9/4/2014	Street Vehicle Maintenance	0.50			Clean out trucks
60	Ken	Vierck	9/5/2014	Parks Vehicle Maintenance	1.00	38	Toro Mower 11' Deck	Mower Miantenance
67	Nicholas	Taormino	9/5/2014	Public Safety Vehicle Repair	3.00	123	Squad Car	Install circuit boards
67	Nicholas	Taormino	9/8/2014	Public Safety Vehicle Repair	2.00	125	Squad Car	Fix light bar
67	Nicholas	Taormino	9/8/2014	Street Vehicle Maintenance	4.00	16	IHC Dump/Plow/Sand 4900 4x2	Start repairs and order parts
67	Nicholas	Taormino	9/8/2014	Public Safety Vehicle Repair	1.00	124	Police Vehicle	Service and safety check

Emp #	Name		Date	Description	Hours	Veh #	Description	Notes
67	Nicholas	Taormino	9/9/2014	Street Vehicle Maintenance	2.00	12	IH7400 DT466 Dump/Plow/Sand	Install guage cluster
67	Nicholas	Taormino	9/9/2014	Street Vehicle Maintenance	1.00	15	Chevrolet Silverado	Parts run
67	Nicholas	Taormino	9/9/2014	Street Vehicle Maintenance	1.50	21	John Deere Loader 554E	Jump start air air up lf tire
67	Nicholas	Taormino	9/9/2014	Street Vehicle Maintenance	4.00	16	IHC Dump/Plow/Sand 4900 4x2	Remove steerign gear box
59	Donald	Zimmerman	9/9/2014	Street Vehicle Maintenance	1.00			Work on #16
59	Donald	Zimmerman	9/10/2014	Street Vehicle Maintenance	1.00			Work on #16
67	Nicholas	Taormino	9/10/2014	Public Safety Vehicle Repair	1.00	122	Squad Car	Fix wiring to change board
67	Nicholas	Taormino	9/10/2014	Street Vehicle Maintenance	7.00	16	IHC Dump/Plow/Sand 4900 4x2	Install new steerign gear box
67	Nicholas	Taormino	9/11/2014	Street Vehicle Maintenance	0.50	15	Chevrolet Silverado	Pickup belt at Mid-State
59	Donald	Zimmerman	9/11/2014	Street Vehicle Maintenance	2.00	17	Chevy Boom Truck	Work on truck
67	Nicholas	Taormino	9/11/2014	Parks Vehicle Maintenance	1.00	38	Toro Mower 11' Deck	Fix relay and order new
67	Nicholas	Taormino	9/11/2014	Street Vehicle Maintenance	7.50	17	Chevy Boom Truck	Diagnose and repair brakes/steerign
67	Nicholas	Taormino	9/12/2014	Street Vehicle Maintenance	2.00	10	IH 7400 6x4 Patrol Truck	Lookup parts for cylinders
60	Ken	Vierck	9/12/2014	Parks Vehicle Maintenance	4.00	38	Toro Mower 11' Deck	
67	Nicholas	Taormino	9/12/2014	Street Vehicle Maintenance	1.00	17	Chevy Boom Truck	Work on brakes
67	Nicholas	Taormino	9/15/2014	Street Vehicle Maintenance	1.00	29	Tool Cat Utility Vehicle	Repair tire
67	Nicholas	Taormino	9/15/2014	Street Vehicle Maintenance	4.50	16	IHC Dump/Plow/Sand 4900 4x2	replace oil pan
67	Nicholas	Taormino	9/15/2014	Street Vehicle Maintenance	3.00	17	Chevy Boom Truck	Repair brakes and steerign
67	Nicholas	Taormino	9/16/2014	Street Vehicle Maintenance	5.50	16	IHC Dump/Plow/Sand 4900 4x2	Remove radiator
59	Donald	Zimmerman	9/17/2014	Street Vehicle Maintenance	1.50	16	IHC Dump/Plow/Sand 4900 4x2	Work on #16
59	Donald	Zimmerman	9/17/2014	Street Vehicle Maintenance	0.50	15	Chevrolet Silverado	Fis flat tires
59	Donald	Zimmerman	9/17/2014	Street Vehicle Maintenance	0.25	15	Chevrolet Silverado	Fix flat tire 3:30-3:45

Emp #	Name		Date	Description	Hours	Veh #	Description	Notes
67	Nicholas	Taormino	9/17/2014	Parks Vehicle Maintenance	0.25	38	Toro Mower 11' Deck	Tire repair 3:30- 3:45 pm
67	Nicholas	Taormino	9/17/2014	Street Vehicle Maintenance	9.00	16	IHC Dump/Plow/Sand 4900 4x2	Work on repairs
67	Nicholas	Taormino	9/18/2014	Street Vehicle Maintenance	8.00	16	IHC Dump/Plow/Sand 4900 4x2	Work on repairs
67	Nicholas	Taormino	9/18/2014	Parks Vehicle Maintenance	1.00	38	Toro Mower 11' Deck	Jump start and tighten battery
67	Nicholas	Taormino	9/19/2014	Public Safety Vehicle Repair	1.00	122	Squad Car	Service
67	Nicholas	Taormino	9/19/2014	Parks Vehicle Maintenance	1.00	38	Toro Mower 11' Deck	Service
60	Ken	Vierck	9/19/2014	Parks Vehicle Maintenance	4.00	38	Toro Mower 11' Deck	
67	Nicholas	Taormino	9/19/2014	Street Vehicle Maintenance	2.00	19	IHC Dump/Plow/Sand 4900 4x2	Start reparis



## Office of the Director of Public Works

**To:** City of Milton Public Works Committee  
**From:** Howard Robinson, Director of Public Works  
**CC:** Mayor Frazier and Common Council  
**Date:** October 29, 2014  
**Subject:** Discussion and possible action on the Gateway Drive storm sewer work order

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### **Discussion**

Gary Vogel has prepared a work order for Baxter & Woodman for design and bidding work for the proposed Gateway Drive storm sewer. This work will be paid out through TID funds. The storm sewer will allow drainage from the eastside industrial area to flow to the existing City storm pond located behind or south of Ott Schweitzer. The storm sewer installation will allow drainage from the proposed Kwik Trip to flow to the City storm sewer along with drainage from development that may occur adjacent to the proposed Kwik Trip.

A copy of the proposal is included.

I am requesting approval of the storm sewer work order so design and bidding may occur.

### **Staff Recommendation**

To approve the storm sewer work order from Baxter & Woodman.

### **Attachments**

- Work Order from Baxter & Woodman



**CITY OF MILTON, WISCONSIN  
GATEWAY DRIVE DRAINAGE IMPROVEMENTS  
DESIGN AND CONSTRUCTION ENGINEERING  
WORK ORDER**

**ENGINEERS' PROJECT NO. 140957.00**

**Project Description:**

The Project consists of providing design and construction engineering services for the modification of the Gateway Drive storm water basin and installation of a storm sewer extension to accept storm water runoff from adjacent parcels.

**Engineering Services:**

Specific Engineering services are described in Exhibit B of the City Engineering Services Agreement between the City and Engineers dated May 2, 2006, and amended on December 8, 2011. A detailed scope of services for this Project is listed in Attachment A of this Work Order. Manpower requirements and a fee summary are listed in Attachment B.

**Compensation:**

Compensation for the services to be provided under this Work Order will be in accordance with the Engineering Services Agreement dated May 2, 2006, and amended on December 8, 2011. The Engineers' fee for the Project and tasks described in Attachment A will be based upon our hourly rates of compensation for actual work time performed, plus reimbursement of out-of-pocket expenses including travel, which will not exceed **\$11,000**, as detailed in Attachment B.

Submitted by: **Baxter & Woodman, Inc.**

By: \_\_\_\_\_

Louis D. Hausmann, PE, PTOE

Title: Vice President/COO

Date: October 27, 2014

Approved: **City of Milton, Wisconsin**

By: \_\_\_\_\_

Al Hulick

Title: City Administrator

Date: \_\_\_\_\_

**Additional Comments:** Easement preparation is not included within this Work Order.

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## **PROJECT DESCRIPTION**

The Project consists of providing design and construction engineering services for the modification of the Gateway Drive storm water basin and installation of a storm sewer extension to accept storm water runoff from adjacent parcels.

## **SCOPE OF SERVICES**

### **Design Services**

1. ADMINISTRATION & MEETINGS – Confer with the City’s staff, to clarify and define the general scope, extent, and character of the Project.
2. PROJECT MANAGEMENT – Plan, schedule, and control the activities that must be performed to complete the Project. These activities include but are not limited to budget, schedule, and scope.
3. TOPOGRAPHIC SURVEY – Perform limited topographic survey within the project limits and at 50-foot intervals of the areas involved with the improvements. State plane coordinates and NAVD 88 will be used for horizontal and vertical controls.
4. UTILITY COORDINATION – Coordinate work with Utility companies during early preliminary design. Also, provide final design documents to those companies once complete.
5. FINAL DESIGN – Prepare design documents consisting of drawings showing the general scope, extent, and character of construction work to be furnished and performed by the contractor(s) selected by the City and specifications which will be prepared in conformance with the format of the Construction Specification Institute.
6. OPINION OF PROBABLE COST – Prepare an opinion of probable construction cost for the Project.
7. CONSTRUCTION DOCUMENTS – Prepare for review and approval by the City and its legal counsel the forms of construction contract documents consisting of Notice and Instructions to Bidders, Bid Form, Agreement, Performance-Payment Bond, General Conditions, and Supplementary Conditions, where appropriate, based upon documents prepared by the Engineers Joint Contract Document Committee (EJCDC).

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8. ASSISTANCE DURING BIDDING – Assist the City in solicitation of construction bids from as many qualified bidders as possible, attend the bid opening and tabulate bid proposals, make an analysis of the bids, and submit recommendations for the award of construction contract.

**Construction Services**

9. Act as the City’s representative with duties, responsibilities, and limitations of authority as assigned in the construction contract documents.
10. GENERAL CONSTRUCTION ADMINISTRATION
- Attend the preconstruction conference, and review the Contractor’s proposed construction schedule and list of subcontractors.
  - Review and approve shop drawings, manufacturer’s literature, samples, and other submittals by the Contractor, but only for compliance with the drawings and specifications as to quality of materials and performance of equipment. Such review shall not be construed as relieving the contractor of the responsibility to meet requirements of the construction contract documents.
  - Review the Contractor’s requests for payments as construction work progresses, and advise the City of the amounts due and payable to the Contractor in accordance with the terms of the construction contract documents.
  - Prepare construction contract change orders when authorized by the City.
  - Conduct a final inspection of construction work, review the contractor’s written guarantees, and issue an opinion of satisfactory completion for acceptance of the Project by the City.
  - Prepare construction record drawings which show field measured dimensions of the completed work which the engineers consider significant and provide the City with one set of reproducible record drawings and all equipment operation and maintenance manuals within ninety (90) days of the Project completion.
11. RESIDENT PROJECT REPRESENTATIVE
- Provide Resident Project Representatives at the construction site on a periodic part-time basis from the Engineers’ office (for up to 30 hours), as deemed necessary by the Engineers, to stake-out construction lines and grades, to assist the Contractor with interpretation of the drawings and specifications, to observe in general if the Contractor’s work is in conformity with the final design documents, and to monitor the Contractor’s progress as related to the construction contract date of completion. The construction Contractor is a separate company from the Engineers. The City understands and acknowledges that the Engineers are not responsible for the Contractor’s construction means, methods, techniques, sequences or procedures, time of performance, compliance with Laws and Regulations, or safety precautions and programs in connection with the Project, and the Engineers do not guarantee

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the performance of the Contractor and are not responsible for the Contractor's failure to execute the work in accordance with the Construction Contract Documents.

- Provide the necessary base lines, benchmarks, and reference points to enable the contractor to proceed with the work.
- Keep a daily record of the Contractor's work on those days that the Engineers are at the construction site including notations on the nature and cost of any extra work, and provide weekly reports to the City of the construction progress and working days charged against the Contractor's time for completion.

**12. COMPLETION OF PROJECT**

- Provide construction inspection services when notified by the Contractor that the Project is complete. Prepare written punch lists during final completion inspections.
- Review the Contractor's written guarantees and issue a Notice of Acceptability for the Project by the City.
- Prepare construction record drawings which show field measured dimensions of the completed work which the Engineers consider significant and provide the City with one set of reproducible record drawings within ninety (90) days of the Project completion.
- Update the existing GIS storm sewer map to reflect revisions to the storm sewer system.

**DESIGN ENGINEERING SERVICES**

**Manpower Requirements and Costs Summary**

<b><u>Deliverable</u></b>	<b><u>Employee Class</u></b>	<b><u>Hourly Rate</u></b>	<b><u>Estimated Hours</u></b>	<b><u>Labor Cost</u></b>
Manage Project	Senior Engineer II	\$ 145.00	6	\$ 870.00
Manage Project Totals			6	\$ 870.00
Final Plans & Estimate	Senior Engineer II	\$ 145.00	2	\$ 290.00
	Engineer II	\$ 105.00	20	\$ 2,100.00
	CAD/Survey Tech	\$ 105.00	20	\$ 2,100.00
	Clerical	\$ 70.00	6	\$ 420.00
Final Plans & Estimate Totals			48	\$ 4,910.00
Bidding Assistance	Engineer II	\$ 105.00	4	\$ 420.00
	Clerical	\$ 70.00	4	\$ 280.00
Bidding Assistance Totals			8	\$ 700.00
<b>Total Estimated Design Engineering Fees</b>				<b>\$ 6,480.00</b>
<b>USE</b>				<b>\$ 6,500.00</b>

**CONSTRUCTION ENGINEERING SERVICES**

**Manpower Requirements and Costs Summary**

<b><u>Deliverable</u></b>	<b><u>Employee Class</u></b>	<b><u>Hourly Rate</u></b>	<b><u>Estimated Hours</u></b>	<b><u>Labor Cost</u></b>
Construction Administration	Engineer II	\$ 105.00	8	\$ 840.00
	Clerical	\$ 70.00	2	\$ 140.00
Construction Administration Totals			10	\$ 980.00
Field Observation	Engineer II	\$ 105.00	30	\$ 3,150.00
Field Observation Totals			30	\$ 3,150.00
Project Record Drawings	Engineer II	\$ 105.00	2	\$ 210.00
	GIS Tech	\$ 100.00	2	\$ 200.00
Project Record Drawings Totals			2	\$ 410.00
<b>Total Estimated Construction Engineering Fees</b>				<b>\$ 4,540.00</b>
<b>USE</b>				<b>\$ 4,500.00</b>

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## Office of the Director of Public Works

**To:** City of Milton Public Works Committee  
**From:** Howard Robinson, Director of Public Works  
**CC:** Mayor Frazier and Common Council  
**Date:** October 29, 2014  
**Subject:** Discussion and possible action regarding the water pressure model and low pressure area

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### **Discussion**

The Department of Public Works had Baxter & Woodman conduct a water pressure model or study of water pressure in various parts of the City. This was done as part of our DNR regulation requirements. The study has indicated that the area of Rainbow Drive and Hilltop Drive and the side streets in this area have a low pressure situation during standard conditions. This area sometimes will have pressure at less than the 35 psi than DNR requires as a minimum design feature.

The pressure situation has been in past CIP plans, but has not received funding due to other projects. The residents have had concerns about low pressure in the area. This study was also needed to verify the low pressure situation in the neighborhood.

The well on Rainbow Drive has sufficient room to construct a pressure station to correct this problem. The preliminary estimated cost for this is between \$350,000 and \$450,000.

Besides DNR requirements, the plumbing code also requires a minimum pressure for improvements to be made to buildings. If we want to expand the water mains south of Hilltop Drive, we would need to also do this improvement to get DNR approval for expansion. City Engineer Gary Vogel will send more information on this needed improvement.

It is not an immediate safety situation, but it is a future development situation and a quality of life situation for the neighborhood. The complete study will be finished to verify the initial pressure concerns and options will be presented at future meetings. The DNR will also receive this information when it is complete. The City of Milton may need to adjust some of the CIP plans in order to correct this situation.

### **Staff Recommendation**

No action required. Informational purposes only.

### **Attachments**

No attachments.