

**AGENDA**  
**PUBLIC WORKS & UTILITIES COMMITTEE**  
**Village of Hoffman Estates**  
**November 22, 2010**

Immediately following Finance

Members:     Jacquelyn Green, Chairperson  
                  Anna Newell, Vice Chairperson  
                  Karen V. Mills, Trustee  
                  Cary Collins, Trustee  
                  Ray Kincaid, Trustee  
                  Gary Pilafas, Trustee  
                  William McLeod, Mayor

**I.     Roll Call**

**II.    Approval of Minutes – October 25, 2010**

**NEW BUSINESS**

1.     Request authorization for Change Order #2 for additional construction services for T-7 water tower to Chicago Bridge and Iron Inc., Bolingbrook, IL, in an amount not to exceed \$103,275.
2.     Request authorization to award an engineering professional service contract for the preparation of a Location Drainage Study for the Palatine Road STP project to HLR, Inc., Elgin, IL, in an amount not to exceed \$19,734.
3.     Request authorization for Change Order #1 for the 2010 Street Revitalization Project to Arrow Road Construction in the amount of \$22,684.22 for a new contract amount of \$1,899,787.73.
4.     Request acceptance of the Department of Public Works Monthly Report.
4.     Request acceptance of the Department of Development Services Monthly Report for the Transportation and Engineering Division.

**III.   President's Report**

**IV.    Other**

**V.     Items in Review**

**VI.    Adjournment**

Village of Hoffman Estates

DRAFT

**PUBLIC WORKS & UTILITIES  
COMMITTEE MEETING MINUTES**

October 25, 2010

**I. Roll Call**

**Members in Attendance:**

**Jacquelyn Green, Chairperson  
Anna Newell, Vice Chairperson**

**Other Corporate Authorities  
in Attendance:**

**Village President William McLeod**

**Management Team Members  
in Attendance:**

**Jim Norris, Village Manager  
Arthur Janura, Corporation Counsel  
Dan O'Malley, Deputy Village Manager  
Mark Koplin, Asst. Vlg. Mgr., Dev. Services  
Gary Salavitch, Director of Engineering  
Robert Gorvett, Fire Chief  
Michael Hish, Acting Police Chief  
Algean Garner, Director of H&HS  
Ken Hari, Public Works Director  
Michael DuCharme, Director of Finance  
Bruce Anderson, Cable TV Coordinator  
Gordon Eaken, IS Director  
Bev Romanoff, Village Clerk**

**Others in Attendance**

**Reporters from the *Daily Herald* and *Chicago Tribune***

The Public Works and Utilities Committee meeting was called to order at 7:30 p.m.

**II. Approval of Minutes**

Motion by Mayor McLeod, seconded by Trustee Newell, to approve the Public Works & Utilities Committee meeting minutes of October, 25, 2010. Voice vote taken. All ayes. Motion carried.

Trustee Mills and Kincaid arrived after the meeting minutes were approved at 7:31 p.m.

**NEW BUSINESS**

- 1. Discussion regarding 2010-2011 Snow/Ice Control Policy and Procedure Manual.**

A committee agenda item from Kenneth Hari and Ken Gomoll was submitted to the Committee.

Trustee Green and Mr. Hari discussed how the alternate snow plow drivers are trained.

- 2. Request acceptance of the Department of Public Works Monthly Report.**

The Department of Public Works Monthly Report was submitted to the Committee.

Trustee Kincaid, Mr. Hari and Mr. Norris discussed notifying street sweepers about garbage days in advance of sweeping those neighborhoods.

Motion by Mayor McLeod, seconded by Trustee Mills, to accept the Department of Public Works Monthly Report was submitted to the Committee. Voice vote taken. All ayes. Motion carried.

- 3. Request acceptance of the Department of Development Services Monthly Report for the Transportation and Engineering Division.**

The Department of Development Services Monthly Report for the Transportation and Engineering Division was submitted to the Committee.

Motion by Trustee Mills, seconded by Trustee Newell, to accept the Department of Development Services Monthly Report for the Transportation and Engineering Division. Voice vote taken. All ayes. Motion carried.

**III. President's Report**

Mayor McLeod shared past and upcoming Village events with the Committee. Mayor McLeod shared that the Chamber of Commerce was having a breakfast meeting with Congresswomen Bean and Trustee Kincaid requested that Bruce Anderson tape the comments.

**IV. Other**

**V. Items in Review**

**VI. Adjournment**

Motion by Trustee Mills, seconded by Mayor McLeod, to adjourn the meeting at 7:36 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

\_\_\_\_\_  
Emily Kerous, Director of Operations  
Office of the Mayor & the Board

\_\_\_\_\_  
Date

**COMMITTEE AGENDA ITEM  
VILLAGE OF HOFFMAN ESTATES**

**SUBJECT:** Request authorization for Change Order #2 for additional construction services for T-7 water tower to Chicago Bridge and Iron Inc., Bolingbrook, IL, in an amount not to exceed \$103,275.

**MEETING DATE:** November 22, 2010

**COMMITTEE:** Public Work & Utilities

**FROM:** Kenneth Hari, Director of Public Works  
Joseph Nebel, Acting Director of Public Works  
Haileng Xiao, Superintendent of Water and Sewer

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**PURPOSE:** To approve 2<sup>nd</sup> change order for T-7 construction.

**BACKGROUND:** In May 2009, the Village Board authorized the award of a construction contract for T-7 fluted column style water tower with illumination, Village seal, and floorage to Chicago Bridge and Iron Inc. (CBI). This decision was made after a thorough review of bid results of all three tank style options: spheroid as the base bid, fluted column, and composite tank styles as alternatives. The contract requires CBI to complete the project substantially on or before September 30, 2010, and complete and be ready for final payment on or before November 30, 2010. The total construction cost is not to exceed \$3,829,000. The pre-construction meeting was held on May 21, 2009. Actual foundation work was started in August 2009. In May 2010, the Village Board approved Change Order #1 for additional work for compliance with Village Fire Codes and revised floor plan. By November 2010, around 90% of the work was completed.

**DISCUSSION:** During the review and approval process for Change Order #1, staff deferred a number of items in anticipation of Change Order #2. This was due to the fact that an exact cost for the work could not be established or agreed upon by staff at the time and more investigation was necessary before presenting to the committee for discussion. These items, including a few cost deductions, are part of the total change necessary for layout improvements and for compliance with Village Code and Fire Protection requirements. Recently, CBI submitted these items as Change Order #2 and Baxter and Woodman

## DISCUSSION continued:

engineers examined the requests and recommended \$103,275 as reasonable and acceptable. Staff concurs. Change Order #1 covered Requests 1 through 4. As a result, Change Order #2 covers Requests 5 through 14, as listed in the following table:

Request	Description of the Change Order	Cost
#5	Stairwell Modifications for Code Compliance	\$17,775
#6	Storm sewer work deduction	(\$5,935)
#7	CBI Added Project Management	\$6,500
#8	Plumbing & Electric Change	\$4,415
#9	Additional lighting/exit signs/fire alarms	\$5,400
#10	Sprinkler system location change	\$6,290
#11	Bollard installation deduction	(\$2,900)
#12	Contract extension by 62 days	0
#13	Sprinkler system cost increase	\$1,880
#14	2 <sup>nd</sup> floor ceiling support & tile grid for sprinkler installation	\$69,850
	Total	\$103,275

Request #5 represents the re-engineering of the stair risers as part of the relocated stairs to replace the simple ladder as originally bid for Code compliance.

Request #6 is for deduction of storm sewer work. The storm sewer was designed for the tower overflow water to reach the detention basin through pipes. Staff's assessment indicates tower overflow rarely happens. The occasional overflow intended for cleaning processes can use the overland path. Therefore, staff concurs with the recommendation of deduction of the storm sewer.

Request #7 was part of CBI's earlier request as added cost. Staff deferred the item and asked it to be covered by the existing 5% mark-up for both materials and subcontracting. CBI disagreed with an explanation that the original bid document contained only a simple plan that did not require design work. The increased diameter of 65 feet (instead of 52 feet) provided many plan options for both 1<sup>st</sup> & 2<sup>nd</sup> floor and complex design work was necessary for the relocation and enclosure of stairway and the facility bathroom for fire proof purpose. The 5% mark-up is insufficient to cover the re-engineering work. CBI reported that an additional 40 hours (\$150/hr) is necessary in the management of the re-engineering. CBI agreed not to ask for an allowance (\$5,000) for other Code Modification work. The arrangement is agreeable to staff.

Request #8 represents various minor items in plumbing and electrical work, such as adding a hose bib and piping under the stairway and relocation of some facility devices that were required for Code compliance.

**DISCUSSION continued:**

Request #9 represents added lighting fixtures with wiring due to increased floor space for Village Code compliance.

Request #10 represents work to modify the water recirculation pump line to accommodate the sprinkler system connection.

Request #11 is for the deduction of bollard work. CBI's original bid is for 2 bollards at a total cost of \$2,900. Additional 4 bollards were added per shop drawing review comments for structure safety reasons. CBI's price was \$8,700 for all 6 bollards. Staff did not concur with CBI's price after consulting local contractors. A much lower (competitive quote) (\$2,400 for all 6 bollards) was obtained. As a result, CBI was requested to remove this work from the contract as a part of Change Order #2 and the contract amount to be reduced by \$2,900.

Request #12 is for extension of final contract completion date by 62 days. The existing contract date for final payment is November 30, 2010. Due to the unexpected strike by area union workers and delays by unfavorable weather, CBI is requesting an additional 62 days to complete the project. The proposed final completion date is January 31, 2011. Water usage is low in winter and there is no urgency to place the tower in service. The extension is acceptable because punch list items can be accomplished without affecting the safe operation of the tower.

Request #13 represents a cost increase for the sprinkler system installation. The original proposal was received in December of 2009. The proposing vendor experienced a cost increase after the Village Board approved Change Order #1 in May 2010, the increase of the price proposed is \$1,880 (from \$22,285 to \$24,165).

Request #14 represents the cost to install a 2<sup>nd</sup> floor ceiling. The 2<sup>nd</sup> floor ceiling was not part of the original tower construction bid. Due to the sprinkler system requirement, the 2<sup>nd</sup> ceiling floor is necessary as structural support for the sprinklers.

Change Order #2 is final and no additional requests will be considered.

**FINANCIAL IMPACT:**

Change Order #1 was \$132,504 and Change Order #2 is \$103,275 for at total of \$235,779. The bond issued to fund T-7 construction includes a contingency fund of \$200,000. In the FY 2010 budget there remains a total of \$40,000 for water system improvement work. From the contingency perspective, there are sufficient funds to cover both change orders through the combined total.

**RECOMMENDATION:**

Request authorization for Change Order #2 for additional construction services for T-7 water tower to Chicago Bridge and Iron Inc., Bolingbrook, IL, in an amount not to exceed \$103,275.

# MEMORANDUM

B A X T E R



W O O D M A N

Consulting Engineers

Madison Office

5100 Eastpark Blvd., Suite 200  
Madison, WI 53718  
Phone: 608.241.5481  
Fax: 602.241.5491

Website: [www.baxterwoodman.com](http://www.baxterwoodman.com)  
e-mail: [info@baxterwoodman.com](mailto:info@baxterwoodman.com)

**DATE:** November 11, 2010  
**TO:** Haileng Xiao  
**FROM:** Jerry Groth  
**SUBJECT:** Requested Change Order No. 2 Summary for 2.0 MG Elevated Tank T-7

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Purpose: This memo will highlight the second change order for the 2.0 MG Elevated Tank project. These additions have generally been discussed at previous meetings.

Reason for Change: This change order continues modifications brought about as a result of the following:

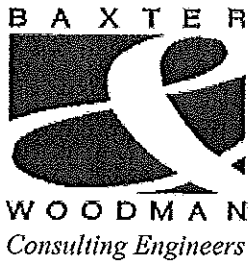
- a. Floor Plan Revisions after the project was bid.
- b. Code Enforcement Requirements after the project was bid.

Summary of Changes/Costs (see detailed listing of items):

<u>Item</u>	<u>Designation</u>	<u>Amount</u>	<u>Brief Description of Change Order</u>
1.	CBI C.O. Request No. 5	\$17,775	Stairwell Modifications per Village Code
2.	CBI C.O. Request No. 6	(\$5,935)	Deletion of Storm Sewer
3.	CBI C.O. Request No. 7	\$6,500	CBI Project Management Time
4.	CBI C.O. Request No. 8	\$4,415	Revised Plumbing and Electric Change
5.	CBI C.O. Request No. 9	\$5,400	Additional Tank Lighting/Exits/Alarms
6.	CBI C.O. Request No. 10	\$6,290	Revised Fire Sprinkler Connection Location
7.	CBI C.O. Request No. 11	(\$2,900)	Pipe Bollard Deletion
8.	CBI C.O. Request No. 12	\$ 0	Time Extension by 62 days
9.	Sprinkler Cost Increase	\$1,880	Sprinkler Cost Increase from Central States
10.	<u>Second Floor Ceiling</u>	<u>\$69,850</u>	Second Floor Ceiling Support and Tile Grid
	Summary Total	\$103,275	



# MEMORANDUM



Madison Office

5100 Eastpark Blvd., Suite 200  
Madison, WI 53718  
Phone: 608.241.5481  
Fax: 602.241.5491

Website: [www.baxterwoodman.com](http://www.baxterwoodman.com)  
e-mail: [info@baxterwoodman.com](mailto:info@baxterwoodman.com)

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- a. Floor Plan Revisions after the project was bid.
- b. Code Enforcement Requirements after the project was bid.

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10.	<u>Second Floor Ceiling</u>	<u>\$69,850</u>	Second Floor Ceiling Support and Tile Grid
	Summary Total	\$103,275	



**CBI Constructors Inc.**

1000 Remington Boulevard  
Bolingbrook, IL 60440-4706  
Phone: (630) 378-7600  
Fax: (630) 378-7601

May 19, 2010

Baxter & Woodman  
8678 Ridgefield Road  
Crystal Lake, IL 60012

Attention: Gerald Groth

Re: 2000MG x 112.5' BCL HP  
Village of Hoffman Estates  
Two Million Gallon Water Storage Tank  
142309

Subject: Change Order No. 5

Change:

Modify stairway and stairway enclosure to meet Village of Hoffman Estates code requirements.

Justification:

As requested by village.

**CHANGE TO CONTRACT PRICE**

Original Contract Price:	\$ 3,829,000
Current Contract Price, as adjusted by previous Change Orders:	\$ PENDING
The Contract Price due to this Change Order will be increased by:	\$ 17,775
The new Contract Price due to this Change:	\$ 3,846,775

**CHANGE TO CONTRACT TIME**

The total Contract Time will be (increased) (decreased) by 42 calendar days for substantial completion and final completion.

**APPROVALS REQUIRED:**

To be effective, this order must be approved by the Owner if it changes the scope or objective of the project, or as may otherwise be required under the terms of the Conditions of the Contract.

Submitted by: James A. Eismann Date 5/19/2010  
Jae Eismann, Project Manager

Recommended by: \_\_\_\_\_ Date \_\_\_\_\_  
Engineer

Approved by: \_\_\_\_\_ Date \_\_\_\_\_  
Owner/Purchaser

The work covered by this order shall be performed under the same Terms and Conditions as that included in the original contract unless stated otherwise above.

cc: File 142309  
Jae Eismann  
CLIVE FINANCE/CONTRACT FOLDER 142309

1/2

2/4

**CBI Change Order No. 5 Summary**

1) <u>Subcontract Work</u> (See attached breakdown by W. F. Johnston)...	\$ 14,512
CBI Markup 5%	<u>726</u>
	\$15,238

2) Modify Curb Angle around Exterior of Stairway Enclosure to allow sealing of first floor from second floor. Original CBI drawings called for 6" gap between 2<sup>nd</sup> floor concrete slab and masonry building. In order to properly seal this area, this gap had to be reduced by cutting the existing angle around the perimeter of the building and installing a new curb angle.

Field Crew: 2 men x 8 hours x \$120.10 = \$1,921.60  
Paint Crew (prime new angles): 2 hours x \$75.00 = \$150.00  
Material: \$135.

	subtotal 2,206
CB&I Markup at 15%	<u>331</u>
	2,537

**Grand Total \$17,775**



"Rich Tee"  
<Rich@wfjohnston.com>  
04/05/2010 03:42 PM

To "Jae A Eismann" <JEismann@CBI.com>  
cc  
Subject RE: Hoffman Estates, IL

3/4

WFJ is pleased to offer the following specifications and pricing to make the following changes to the stairway:

Provide closed stair risers, \$1,130.00  
Drawing changes, additional rail height, add inside mount rails, \$5,300.00  
Material and fabrication costs, \$5,460.00  
Credit for materials not used or cut materials not assembled, (\$1,056.00)  
Structural Engineer fees, initial costs, \$2,120.00  
Steel shop drawing changes, \$864.00  
WFJ administration costs, \$694.00  
Total amount of this change, \$14,512.00

Thank you,

Marc F. Johnston  
Vice-President

W.F. Johnston Construction, Inc.  
108 Industrial Drive  
Minooka, IL 60447

(815) 467-4600 Voice  
(815) 467-4811 Fax  
[marc@wfjohnston.com](mailto:marc@wfjohnston.com)

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## Joseph Nebel

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From: Haileng Xiao  
Sent: Thursday, November 18, 2010 9:07 AM  
To: Joseph Nebel  
Subject: FW: Hoffman Estates Co#1

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

From: Gerald D. Groth [mailto:ggroth@baxterwoodman.com]  
Sent: Wednesday, November 17, 2010 5:07 PM  
To: Haileng Xiao  
Subject: FW: Hoffman Estates Co#1

Haileng,

I have checked the math on CO#1 and find Jae's explanation to be correct. The total of Item 1, Section 2 is \$44,650, not \$38,420. Hence CO#1 totals are correct.

Per my previous e-mails the following is also correct:

1. The originally bid stairway issued a credit of \$18,450 under CO#1.
2. CO#1 also had an ADD of \$23,200 from WF Johnston for the 180 degree stairwell.
3. CO#2 now has an ADD of \$14,512 for the stairway for Code required changes which dates back to April. This was for closing the stair risers, additional rail height, inside rail mountings; plus material, fabrication, and redesign costs associated with the above changes.
4. This brings the total stairway to \$37,712 (neglecting CBI markup).

Jerry Groth

Baxter and Woodman, Inc.  
5100 Eastpark Boulevard, Suite 200  
Madison, WI 53718  
Ph: 608-241-5481  
Fax: 608-241-5491  
Cell: 608-347-1542

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

From: Jae A Eismann [mailto:JEismann@CBI.com]  
Sent: Wednesday, November 17, 2010 10:21 AM  
To: Gerald D. Groth  
Cc: Haileng.Xiao@Hoffmanestates.org  
Subject: Re: Hoffman Estates Co#1

There were several iterations of this cost estimate provided by W. F. Johnston. The revision BEFORE the one used for change order 01 totaled \$38,420. This number was not changed on this revision but if you add up all the credits and costs, the total of item 1 section 2 comes out to \$44,650. I have not gone back to see what the previous revision consisted but can only assume that I added the comment to clarify why the difference in cost.

James (Jae) Eismann, P.E.  
Project Manager  
[jeismann@cbi.com](mailto:jeismann@cbi.com)  
CB&I Inc.  
1000 Remington Boulevard, Suite 105B  
Bolingbrook, IL 60440-4706  
Voice 630-378-7669  
Mobile 815-546-4792

"Gerald D. Groth"

<ggroth@baxterwoodman.com>

To

"Jae A Eismann"

<[JEismann@CBI.com](mailto:JEismann@CBI.com)>

11/17/2010 08:54

cc

AM

"Haileng Xiao"

<[Haileng.Xiao@Hoffmanestates.org](mailto:Haileng.Xiao@Hoffmanestates.org)>

Subject

Hoffman Estates Co#1

Jae,

Haileng is asking in CO#1 where the differences came from in the Subcontract Costs of Item 1, Section 2 which totals \$38,420 yet is increased to \$44,650 at the bottom of the page. The note says it is for double dry wall.

Please confirm this amount and justification in CO#1.

Jerry Groth

Baxter and Woodman, Inc.  
5100 Eastpark Boulevard, Suite 200  
Madison, WI 53718  
Ph: 608-241-5481  
Fax: 608-241-5491  
Cell: 608-347-1542



Y2



**CBI Constructors Inc.**

1000 Remington Boulevard  
Bolingbrook, IL 60440-4706  
Phone: (630) 378-7600  
Fax: (630) 378-7601

May 26, 2010

Baxter & Woodman  
8678 Ridgefield Road  
Crystal Lake, IL 60012

Attention: Gerald Groth

Re: 2000MG x 112.5' BCL HP  
Village of Hoffman Estates  
Two Million Gallon Water Storage Tank  
142309

Subject: Change Order No 6

Change:

Add 48" Sanitary Manhole and delete storm sewer and replace with splash block and rip rap as requested  
in Baxter and Woodman email dated 4/12/2010.

Justification:

See attached email from Marc Johnston of W.F. Johnston dated 5/19/2010

CHANGE TO CONTRACT PRICE

Original Contract Price:	\$ 3,829,000
Current Contract Price, as adjusted by previous Change Orders:	\$ pending
The Contract Price due to this Change Order will be decreased by:	\$ (5,935)
The new Contract Price due to this Change:	\$ Pending

CHANGE TO CONTRACT TIME

The total Contract Time will be (increased) (decreased) by \_\_\_ calendar days  
The date for completion of all work under the contract will be

APPROVALS REQUIRED:

To be effective, this order must be approved by the Owner if it changes the scope or objective of the project,  
or as may otherwise be required under the terms of the Conditions of the Contract.

Submitted by: James A. Eisermann Date May 26, 2010  
                  Jae Elsmann, Project Manager

Recommended by: \_\_\_\_\_ Date \_\_\_\_\_  
                      Engineer

Approved by: \_\_\_\_\_ Date \_\_\_\_\_  
                  Owner/Purchaser

The work covered by this order shall be performed under the same Terms and Conditions as that included  
in the original contract unless stated otherwise above.

cc: File 142309  
    Jae Elsmann  
    CLIVE FINANCE/CONTRACT FOLDER 142309

2/2



"Marc Johnston"  
<Marc@wfjohnston.com>  
05/19/2010 04:27 PM

To "Jae A Elsmann" <JElsmann@CBI.com>  
cc  
bcc  
Subject Sanitary Manhole Additions

Jae,

Cost to add:

1- 48" Sanitary Manhole w/ frame at the exterior of the Watertower, per B&W e-mails:  
\$3,485.00 (Materials: \$1,325.00 Equipment and Labor: \$ 2,160.00)

Delete the Storm Sewer and replace with a splash block and rip rap: (\$ 9,420.00) DEDUCT

Thanks

Marc F. Johnston  
Vice-President

#  
Σ = - 5,935

W.F. Johnston Construction, Inc.  
109 Industrial Drive  
Minooka, IL 60447

(815) 467-4600 Voice  
(815) 467-4811 Fax  
[marc@wfjohnston.com](mailto:marc@wfjohnston.com)

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**CBI Constructors Inc.**

1000 Remington Boulevard  
Bolingbrook, IL 60440-4706  
Phone: (630) 378-7600  
Fax: (630) 378-7601

May 26, 2010

Baxter & Woodman  
8878 Ridgefield Road  
Crystal Lake, IL 60012

Attention: Gerald Groth

Re: 2000MG x 112.5' BCL HP  
Village of Hoffman Estates  
Two Million Gallon Water Storage Tank  
142309

Subject: Change Order No 7

Change:

Moving the stairway and bathroom into an enclosed room required additional coordination to meet Village code requirements.

Justification:

Required additional CB&I Project Management time (40 hours) to coordinate village code requirements, attend meetings, provide sketches, coordinate subcontractors that are outside the typical scope of an elevated tank project.

**CHANGE TO CONTRACT PRICE**

Original Contract Price:	<u>\$ 3,829,000</u>
Current Contract Price, as adjusted by previous Change Orders:	<u>\$ Pending</u>
The Contract Price due to this Change Order will be increased by:	<u>\$ 6,500</u>
The new Contract Price due to this Change:	<u>\$ Pending</u>

**CHANGE TO CONTRACT TIME**

The total Contract Time will be (increased) (decreased) by \_\_\_ calendar days  
The date for completion of all work under the contract will be

**APPROVALS REQUIRED:**

To be effective, this order must be approved by the Owner if it changes the scope or objective of the project, or as may otherwise be required under the terms of the Conditions of the Contract.

Submitted by: James A. Eismann Date May 26, 2010  
Jae Eismann, Project Manager

Recommended by: \_\_\_\_\_ Date \_\_\_\_\_  
Engineer

Approved by: \_\_\_\_\_ Date \_\_\_\_\_  
Owner/Purchaser

The work covered by this order shall be performed under the same Terms and Conditions as that included in the original contract unless stated otherwise above.

cc: File 142309  
Jae Eismann  
CLIVE FINANCE/CONTRACT FOLDER 142309

2/2

**CBI Change Order No. 7 Summary  
(from CBI Change Order No. 1 Summary)**

1) ~~Additional Engineering and Drafting~~ ..... \$ 2,980

2) ~~Paint Additional Steel and Walls~~ ..... \$ 7,475

This cost is based on the same paint crew that will paint the tank painting the added structural steel and building walls. It is based on two men for one week plus \$500 in material.  $80 \text{ hours} \times \$75/\text{hr} + 500 = \$6,500 \times 1.15 \text{ markup}$

3) **Additional CBI Project Management** ..... \$6,500

40 hours x \$150/hr + \$500 expenses

4) ~~Subcontract Costs (W. F. Johnston see attached detail breakdown)~~ ..... \$63,285

CB&I Markup 10% ..... \$ 6,329

69,614

~~5) Allowance for Code Enforcement Modifications~~ ..... ~~\$ 5,000~~

TOTAL ..... \$ 91,569

REVISED TOTAL         \$ 6,500



**CBI Constructors Inc.**

1000 Remington Boulevard  
Bolingbrook, IL 60440-4706  
Phone: (630) 378-7600  
Fax: (630) 378-7601

August 17, 2010

Baxter & Woodman  
8878 Ridgefield Road  
Crystal Lake, IL 60012

Attention: Gerald Groth

Re: 2000MG x 112.5' BCL HP  
Village of Hoffman Estates  
Two Million Gallon Water Storage Tank  
142309

Subject: Change Order No. 8

Change:

Various changes to water supply system and bathroom vents as described on attached summary.

Justification:

Requested in April 12, 2010 email from Gerald Growth

**CHANGE TO CONTRACT PRICE**

Original Contract Price:	\$ 3,829,000	
Current Contract Price, as adjusted by previous Change Orders:	\$ PENDING	
The Contract Price due to this Change Order will be increased by:	\$ <del>6,000</del>	44-15
The new Contract Price due to this Change:	\$ 3,834,899	

**CHANGE TO CONTRACT TIME**

The total Contract Time will be (increased) (decreased) by \_\_\_ calendar days  
The date for completion of all work under the contract will be

**APPROVALS REQUIRED:**

To be effective, this order must be approved by the Owner if it changes the scope or objective of the project, or as may otherwise be required under the terms of the Conditions of the Contract.

Submitted by: James A. Eismann Date 8/17/2010  
                  Jae Eismann, Project Manager

Recommended by: \_\_\_\_\_ Date \_\_\_\_\_  
                          Engineer

Approved by: \_\_\_\_\_ Date \_\_\_\_\_  
                          Owner/Purchaser

The work covered by this order shall be performed under the same Terms and Conditions as that included in the original contract unless stated otherwise above.

cc: File 142309  
    Jae Eismann  
    CLIVE FINANCE/CONTRACT FOLDER 142309

2/7

CBI Change Order No. 8 Summary

1) Install Hose Bibb and Water Meter (SEE 11/1/10 JAE E-MAIL)

Subcontract Work (See attached breakdown by W. F. Johnston)...

Sub total: ~~\$1,645~~ + 5% = ~~\$1,727.25~~

232 + 5% = 243.60 ←

2) Add Point of Use Water Heater

Material \$325

Labor to Install ( 3 hours x 120.10 = 360.30)

Total Contractor Cost \$ 685.30 + 15% = \$788.09

Additional Electric Circuit

Subcontract Work (See attached breakdown by Widnemuller

\$335 + 5% = \$351.75

Sub total: \$1,139.86 ←

3) Route bathroom fan outside

Subcontract to W. F. Johnston - see attached email FAX \$1,284 + 5% = \$1,348.20

Sub total: \$1,348.20 ←

4) Chase for water piping and heat trace

Subcontract Work (See attached breakdown by W. F. Johnston)...

\$ 850 + 5% = \$892.50

Subcontract Work (See attached breakdown by Windemuller )...

\$ 425 + 5% = \$446.25

Paint Chase by CBI 4 hours x \$75/hour =

\$ 300 + 15% = \$345.00

Sub total: \$1,683.75 ←

GRAND TOTAL \$5,899.00

4415.40

SAY 4415.00

3/7



# W.F. Johnston Construction, Inc.

*A Great Foundation for Our Customers for over Thirty Years!*

Walter F. Johnston, President

Marc F. Johnston, Vice-President

Date: June 22, 2010

From: Rich Tea

To: Jae Elsmann

Pages: 1 (Including this sheet)

With: CBI (Bolingbrook, IL)

Fax: (630) 378-7601

RE: Hoffman Estates, IL

Voice: (630) 378-7669

Message: Pricing as requested in your June 15, 2010 e-mail:

Costs to add hose bibb and install water meter (Items 1,2), ~~\$1,645.00~~ 243.60

Costs to add point of use water heater (Item 3), by CBI (see attached)

Costs to add water piping inside chase at floor level under stairway (no painting, no heat trace), insulate chase and double gypsum wall (Item 4), \$850.00

Costs to route bathroom fan outside (Item 5), \$1284.00

Thank you,

Signed By

(800) 864-2555 Call Center Hours

Home · My Account ·



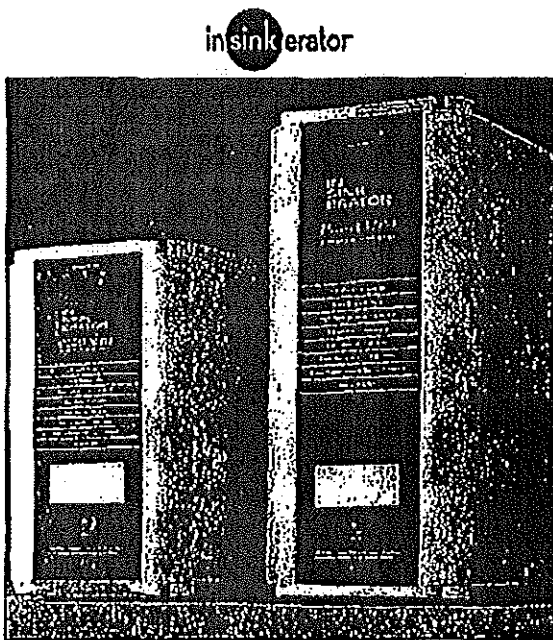
What are you shopping for?

Home Faucets Kitchen Bathroom Fixtures Accessories Parts Brands FAQ

Save Up To 40% off Kohler Products | Free Ground Shipping When You Spend \$99 | Save Big with Coupon

You are: Home > Brands > InSinkErator > Accessories > Hot Water Tanks > InSinkErator W152

## InSinkErator W152 Mini Point-of-Use Tankless Water Heater



Zoom Image

360 View

Audio Details

**\$300.00**

Originally \$375.00, You Save 20%

2500 fittings, etc

Shipping: **Free Shipping!** [See Details](#)

In stock items ship within 24 business hours.

Ships In: **Electric**

Finish:

**184 In Stock**

1 Qty

**Add To Cart**

install labor

3 hours x 120<sup>10</sup>

= 360<sup>20</sup>

Σ = 685<sup>30</sup>

Be the first to review this product

Return Policy

### Product Details for the InSinkErator W152

Other Customer Reviews

These electric storage water heaters fit almost anywhere -- under a sink or in a cabinet. If you only need hot water at one location, a conventional water heating installation can be quite costly. You need space for a bulky water heater and its required plumbing -- including two long pipe runs for hot and cold water. And you waste money every time you have to run the water until it reaches the desired temperature.

An InSinkErator(R) compact water heater is a much better solution. It efficiently heats water at the point-of-use, so there's no wait and no waste. And it can be installed anywhere you have a





5/7



"Fritz Korhase"  
<fkorhase@windemuller.us>  
06/18/2010 02:29 PM

To "Jae A Elsmann" <JElsmann@CBI.com>  
cc  
bcc  
Subject Hoffman Estates

History: This message has been replied to.

Jae,

Here is the information you wanted for (what I see) are 3 extras for this job so far:

- 1. Additional circuit (20 a, 120 volt) for POU hot water heater in bathroom: \$ 335.00
- 2. Heat trace cable for water piping, will assume commercial heat trace @ (-+) 20' \$ 425.00

3. Extension of (1) 2" for communication and (1) 2 1/2" conduit for electrical power from  
 Location near outside wall to new panel locations on inside wall.  
 The routing of the conduit  
 Will go vertical then horizontal, surface mounted on the underside of the first floor, then  
 Back down to the respective panel vertically.  
 \$ 2115.00

not in this change order

TOTAL

\$ 2875.00

Let me know if you need any other info. I will be off next week, but will be checking emails.

THANKS,

6/7

Gerald D. Groth

---

From: Jae A Eismann [JEismann@CBI.com]  
Sent: Monday, November 01, 2010 5:07 PM  
To: Gerald D. Groth  
Subject: Fw: Hoffman Estates, IL  
Attachments: 2812\_0001.pdf

responses from W. F. Johnston...

James (Jae) Eismann, P.E.  
Project Manager  
[jeismann@cbi.com](mailto:jeismann@cbi.com)  
CB&I Inc.  
1000 Remington Boulevard, Suite 105B  
Bolingbrook, IL 60440-4706  
Voice 630-378-7669  
Mobile 815-546-4792

----- Forwarded by Jae A Eismann/UnitedStates/CBI on 11/01/2010 05:05 PM  
-----

"Rich Tea"  
<Rich@wfjohnston.  
com>

11/01/2010 01:55  
PM

"Jae A Eismann" <[JEismann@CBI.com](mailto:JEismann@CBI.com)>

To  
cc

Subject

Hoffman Estates, IL

Jae,  
WFJ pricing for hose bibb dated 6/22/10: WFJ originally priced the change at \$1,645.00. Marc Johnston revised this cost to \$232.00 in his e-mail dated 8/5/10 (scan attached).  
Stair questions 1 & 2 in Jerry Groth e-mail dated 10/25/10: These are the actual costs provided by the stairway fabricator.  
Stair question 3 in Jerry Groth e-mail dated 10/25/10: The \$694.00 amount is roughly 5% markup on the total stairway changes to cover our administrative costs.

Richard D. Tea  
Project Manager

W.F. Johnston Construction, Inc.  
109 Industrial Drive  
Minooka, IL 60447

**Marc Johnston**

---

**From:** Marc Johnston  
**Sent:** Thursday, August 05, 2010 10:32 AM  
**To:** 'Jae A Eismann'  
**Subject:** Hoffman Estates, IL Service Water Line  
Jae,

Here is the revised price for the interior service water line:

Materials: \$45.00 (Hose Bib and connectors to match meter provided by Hoffman Estates)  
Labor: \$187.00 (1-Plumber for 1.5 hour, total for hose bibb and meter installation)

Total: \$232.00

The original quotation, of 6/22/10 did not account for the plumbing provided as part of the original scope.

I apologize for any confusion this may have caused.

Marc F. Johnston  
Vice-President

W.F. Johnston Construction, Inc.  
109 Industrial Drive  
Minooka, IL 60447

(815) 467-4600 Voice  
(815) 467-4811 Fax  
[marc@wfjohnston.com](mailto:marc@wfjohnston.com)

This message may be confidential, privileged and this message along with any accompanying documents are covered by the Electronic Communications Privacy Act, 18 U.S.C. §§ 2510-2521. If you have received this communication in error (you are not the addressee or authorized to receive for the addressee), you may not use, copy or disclose the message or any information contained in the message. If you have received the message in error, please advise the sender by reply e-mail and delete the message.

8/5/2010

Y5



**CBI Constructors Inc.**

1000 Remington Boulevard  
Bolingbrook, IL 60440-4706  
Phone: (630) 378-7600  
Fax: (630) 378-7601

September 23, 2010

Baxter & Woodman  
8678 Ridgfield Road  
Crystal Lake, IL 60012

Attention: Gerald Groth

Re: 2000MG x 112.5' BCL HP  
Village of Hoffman Estates  
Two Million Gallon Water Storage Tank  
142309

Subject: Change Order No. 09

Change:	Additional (5) fixture "C" fluorescents with all wiring/labor:	\$2,750
	Additional (5) Emergency exits with all wiring/labor:	\$1,500
	Additional (4) switches	\$600
	CB&I Project Management	\$300
	Sub Total	\$5,150
	CB&I MarkUp (5%)	\$250
		\$5,400

Justification: Requested in Email from Jerry Groth on 5/12/10

CHANGE TO CONTRACT PRICE

Original Contract Price:	\$ 3,829,000
Current Contract Price, as adjusted by previous Change Orders:	\$ PENDING
The Contract Price due to this Change Order will be increased by:	\$ 5,400
The new Contract Price due to this Change:	\$ 5,400

CHANGE TO CONTRACT TIME

The total Contract Time will be (increased) (decreased) by 0 calendar days  
The date for completion of all work under the contract will be 11/30/10 subject to other change requests requesting schedule extension.

APPROVALS REQUIRED:

To be effective, this order must be approved by the Owner if it changes the scope or objective of the project, or as may otherwise be required under the terms of the Conditions of the Contract.

Submitted by: Jae A. Eismann Date 9/23/2010  
Jae Eismann, Project Manager

Recommended by: \_\_\_\_\_ Date \_\_\_\_\_  
Engineer

Approved by: \_\_\_\_\_ Date \_\_\_\_\_  
Owner/Purchaser

The work covered by this order shall be performed under the same Terms and Conditions as that included in the original contract unless stated otherwise above.

cc: File 142309  
Jae Eismann  
CLIVE FINANCE/CONTRACT FOLDER 142309

2/5

**CBI Change Order No. 9 Items**

1. Five (5) additional fixture "C" fluorescent lighting (complete)	\$2,750
2. Five (5) additional Emergency exits lights (complete)	\$1,500
3. Four (4) additional fire alarm/pull switches (complete)	\$ 600
4. <u>CBI Project Management</u>	<u>\$ 300</u>
Subtotal	\$5,150
CBI Mark Up (5%)	\$ 250
<b>TOTAL</b>	<b>\$5,400</b>

3/5

**BAXTER**  
  
**WOODMAN**  
 Consulting Engineers

CONSULTANTS

NO.	DATE	DESCRIPTION
1	7-23-15	ISSUE FOR PERMITS
2	7-23-15	ISSUE FOR PERMITS

REVISIONS

NO.	DATE	DESCRIPTION
1	7-23-15	ISSUE FOR PERMITS
2	7-23-15	ISSUE FOR PERMITS

PLAN SHEET DISCONTINATION

NO.	DATE	DESCRIPTION
1	7-23-15	ISSUE FOR PERMITS
2	7-23-15	ISSUE FOR PERMITS

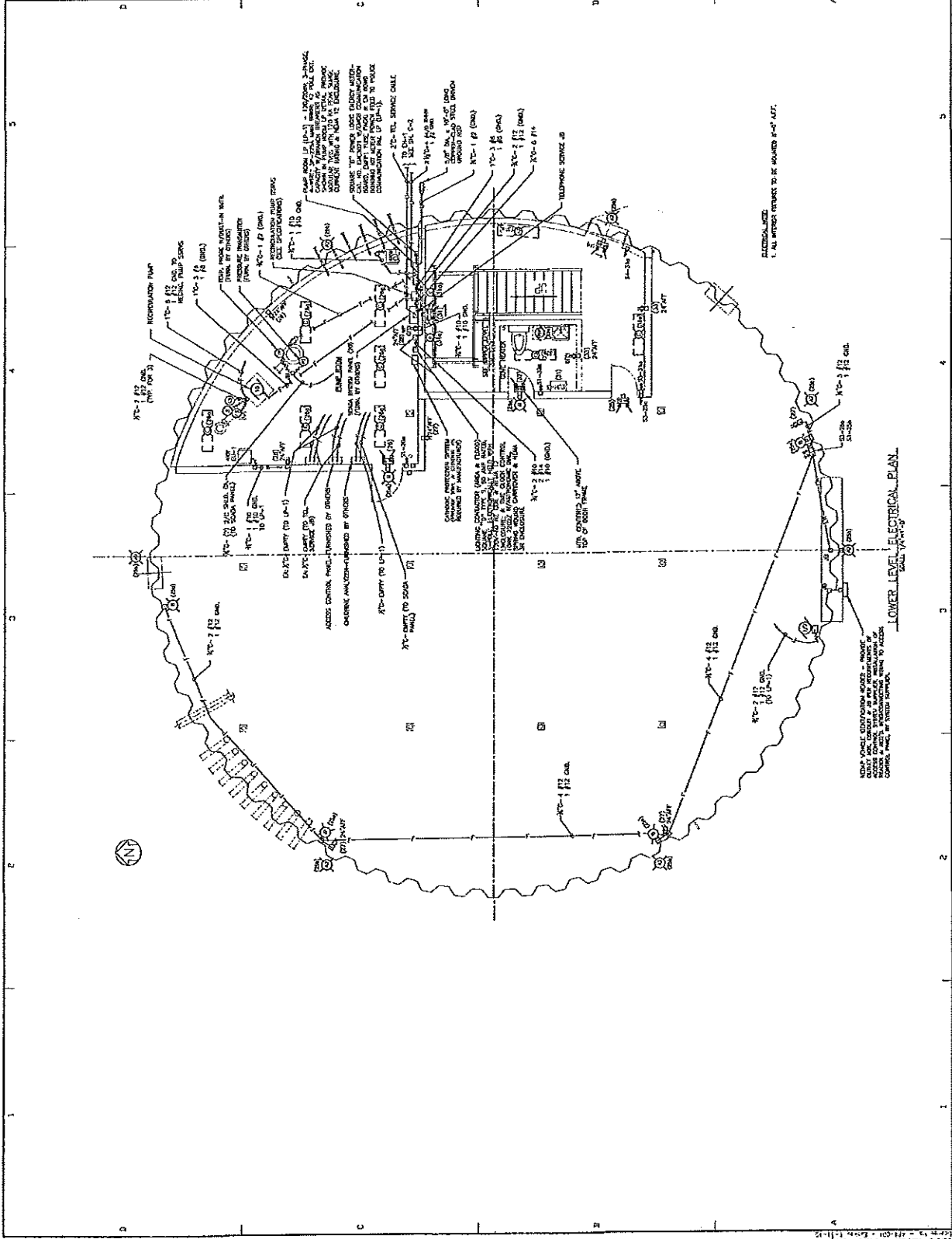
PROJECT NO. 15000000

NO.	DATE	DESCRIPTION
1	7-23-15	ISSUE FOR PERMITS
2	7-23-15	ISSUE FOR PERMITS

**VILLAGE OF RUFFIN ESTATES, ILLINOIS**  
**2.0 MG ELEVATED WATER STORAGE TANK**

**SHEET TITLE**  
 WATER SPREADING OPTION  
 ELECTRICAL PLAN

**E-1**



DATE: 7/23/15 1:30 PM BY: [Name]  
 PROJECT: 15000000 - 2.0 MG ELEVATED WATER STORAGE TANK  
 SHEET: E-1

CONSULTANTS

NO.	DATE	DESCRIPTION
1	2-21-12	ISSUING DEE. REVIEW
2	2-21-12	ISSUING DEE. REVIEW

REVISIONS

REVISIONS TO EQUIPMENT MANUFACTURER'S S-P DRAWING

SCALE: 1" = 10'-0"

PROJECT NO. 00000000

DATE: 2/21/12

PROJECT: 12000000

CLIENT: VILLAGE OF HOFFMAN ESTATES, ILLINOIS

PROJECT: 12000000

PROJECT: 12000000

PROJECT: 12000000

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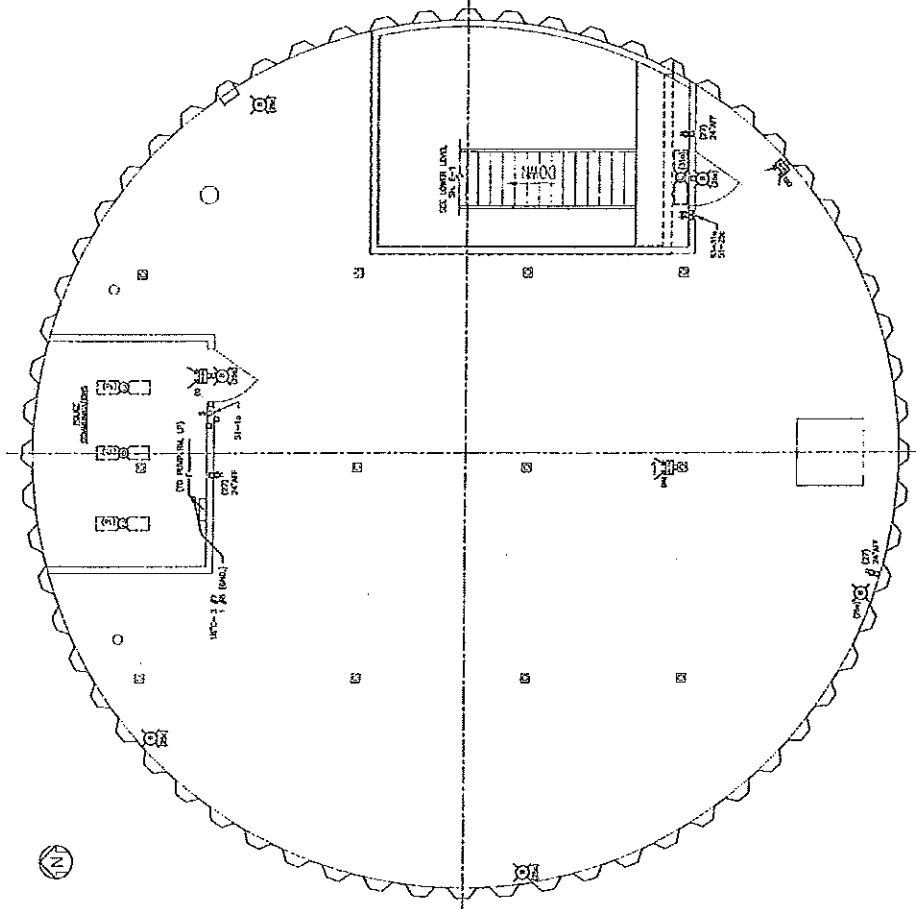
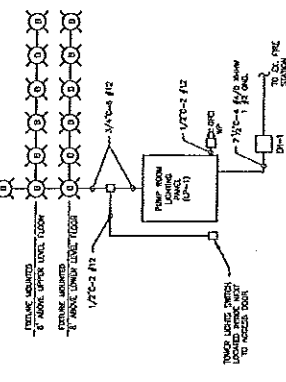
PROJECT: 12000000

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PROJECT: 12000000



ELECTRICAL NOTE:  
1. ALL MEDIUM VOLTAGE TO BE WORKED P-F-F A/F-F.

UPPER LEVEL ELECTRICAL PLAN

COMPOSITE TANK ELECTRICAL SCHEMATIC

E-2

COMPOSITE TANK ELECTRICAL PLAN

SHEET TITLE

VILLAGE OF HOFFMAN ESTATES, ILLINOIS  
20.0 MG ELEVATOR WATER STORAGE TANK

Handwritten initials: A/S

NO.	DATE	DESCRIPTION	BY	CHK.
1	2-17-12	ISSUE FOR PERMITS	W	
2		REVISED PERMITS	W	
3		REVISED PERMITS	W	

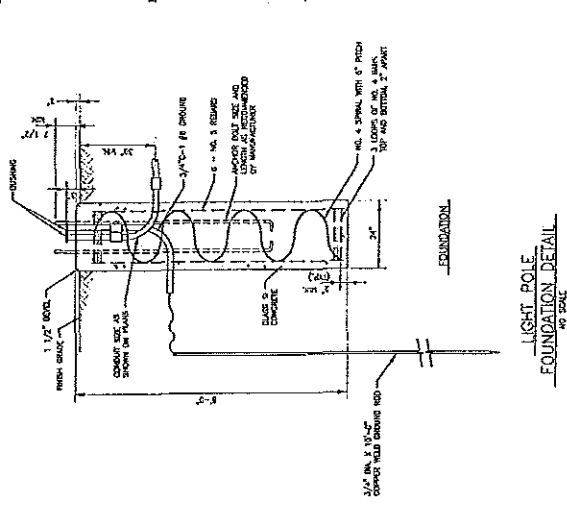
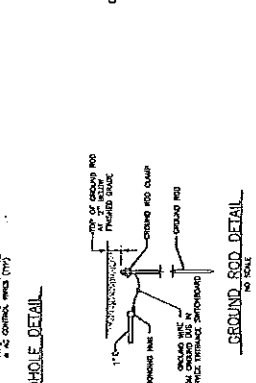
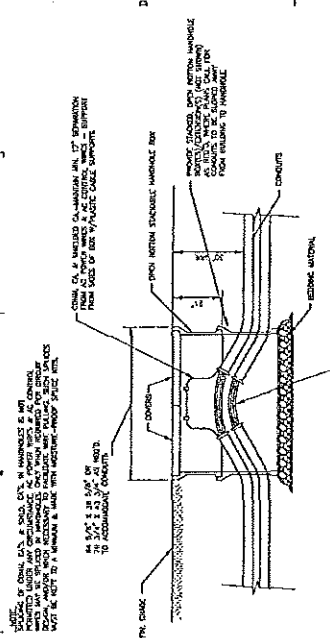
PLAN SHEET DESIGNATION

1	GENERAL
2	FOUNDATIONS
3	MECHANICAL
4	ELECTRICAL
5	PLUMBING
6	HEATING
7	CHEMICAL
8	PAINTING
9	FINISHES
10	LANDSCAPE
11	EXTERIOR
12	INTERIOR
13	MECHANICAL
14	ELECTRICAL
15	PLUMBING
16	HEATING
17	CHEMICAL
18	PAINTING
19	FINISHES
20	LANDSCAPE
21	EXTERIOR
22	INTERIOR

PROJECT NO. 0900000  
OWNER: VILLAGE OF HOFFMAN ESTATES, ILLINOIS  
2.0 MI. ELEVATED WATER STORAGE TANK

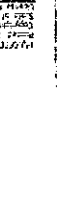
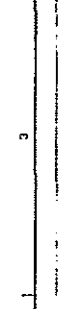
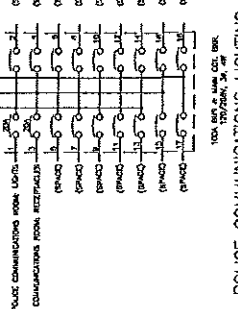
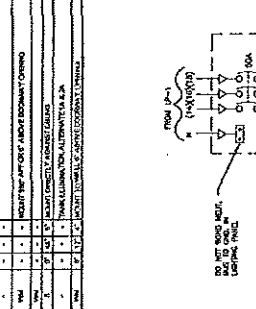
SHEET TITLE  
ELECTRICAL DETAILS & LIGHTING PANEL SCHEDULES

8-3



**LIGHTING FIXTURE SCHEDULE**

NO.	SYMBOL	DESCRIPTION	QUANTITY	REMARKS
1	1	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
2	2	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
3	3	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
4	4	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
5	5	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
6	6	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
7	7	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
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9	9	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
10	10	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
11	11	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
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48	48	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
49	49	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK
50	50	OUTDOOR POLYMER-CASTING LIGHT FIXTURE	1	FOR LIGHTING OF TANK



5/5





**CBI Constructors Inc.**

1000 Remington Boulevard  
Bolingbrook, IL 60440-4706  
Phone: (630) 378-7600  
Fax: (630) 378-7601

20-Aug-10

Baxter & Woodman  
8678 Ridgefield Road  
Crystal Lake, IL 60012

Attention: Gerald Groth

Re: 2000MG x 112.5' BCL HP  
Village of Hoffman Estates  
Two Million Gallon Water Storage Tank  
142309

Subject: Change Order No. 10

Change:

Revise Fire Sprinkler Connection Revision

Justification:

Requested in August 11, 2010 email from Gerald Growth.

**CHANGE TO CONTRACT PRICE**

Original Contract Price:	\$ 3,829,000
Current Contract Price, as adjusted by previous Change Orders:	\$ PENDING
The Contract Price due to this Change Order will be increased by:	\$ 6,290
The new Contract Price due to this Change:	\$ 3,835,290

**CHANGE TO CONTRACT TIME**

The total Contract Time will be increased by 28 calendar days.

**APPROVALS REQUIRED:**

To be effective, this order must be approved by the Owner if it changes the scope or objective of the project, or as may otherwise be required under the terms of the Conditions of the Contract.

Submitted by: James A. Eismann Date 8/20/2010  
Jae Eismann, Project Manager

Recommended by: \_\_\_\_\_ Date \_\_\_\_\_  
Engineer

Approved by: \_\_\_\_\_ Date \_\_\_\_\_  
Owner/Purchaser

The work covered by this order shall be performed under the same Terms and Conditions as that included in the original contract unless stated otherwise above.

cc: File 142309  
Jae Eismann  
CLIVE FINANCE/CONTRACT FOLDER 142309

2/6

CBI Change Order No. 10 Summary

Fire Sprinkler Connection Revision

1) Subcontract Work (See attached breakdown by W. F. Johnston)...	\$ 5,335
CBI Markup 5%	<u>265</u>
	5,600

2) Paint (by CBI) : 8 hours x \$75/hr = \$600

Sub total      \$600 + 15% = \$690

Total \$6,290

3/6



"Gerald D. Groth"  
<ggroth@baxterwoodman.co  
m>  
08/11/2010 10:39 AM

To "Jae A Elsmann" <JElsmann@CBI.com>  
cc  
bcc

Subject Hoffman Estates Fire Sprinkler Connection Revision

History: This message has been forwarded.

Jae,

The fire department has requested a different connection point for the fire suppression system.

I am attaching drawings showing what is existing versus what is needed. Flange fillers are likely needed to fill the small space remaining after installing a 8 X 4" tee and flanged BFV.

I added two Grinnell pipe supports on the heavy valves. The 2-1/2" NST Hose connection with cap can be obtained from USA Bluebook.

I also noted on Monday that Johnston has not installed the Tie Rods for the Flexible couplings yet.

Jerry Groth

Baxter and Woodman, Inc.  
5100 Eastpark Boulevard, Suite 200  
Madison, WI 53718  
Ph: 608-241-5481  
Fax: 608-241-5491



Cell: 608-347-1542 Existing Piping.pdf Revised Piping.pdf

A/B



# W.F. Johnston Construction, Inc.

*A Great Foundation for Our Customers for over Thirty Years!*

Walter F. Johnston, President

Marc F. Johnston, Vice-President

Date: August 19, 2010

From: Rich Tea

To: Jae Eismann

Pages: 1 (including this sheet)

With: CBI (Bolingbrook, IL)

Fax: (630) 378-7601

RE: Hoffman Estates, IL

Voice: (630) 378-7669

Message: Pricing as requested in Baxter & Woodman e-mail dated 8/11/10:

WFJ is pleased to offer the following specifications and pricing to make the following changes:

In the recirculation pump piping, work includes the removal of the existing 8" flanged gate valve and 8" flanged pipe and replacement with (1) 8" flanged butterfly valve with hand wheel, (1) 8" x 4" flanged ductile iron tee, (1) 4" flanged butterfly valve with hand wheel (on tee outlet), and (1) 8" flange filler. The installation of the following new items are also included in this change: (1) Standon 8" flange pipe support (under 8" BFV), (1) Standon 6" flange pipe support (under 6" check valve), (1) 6" blind flange with 2" NPT tap (mounts to open 6" branch of cross), (1) 2" pipe nipple, (1) 2" gate valve with threaded ends, (1) 2" MPT x 2 1/2" NST hose connection nipple, and (1) 2 1/2" cap for hose connection.

All materials being replaced, due to this change, will be property of the Owner.

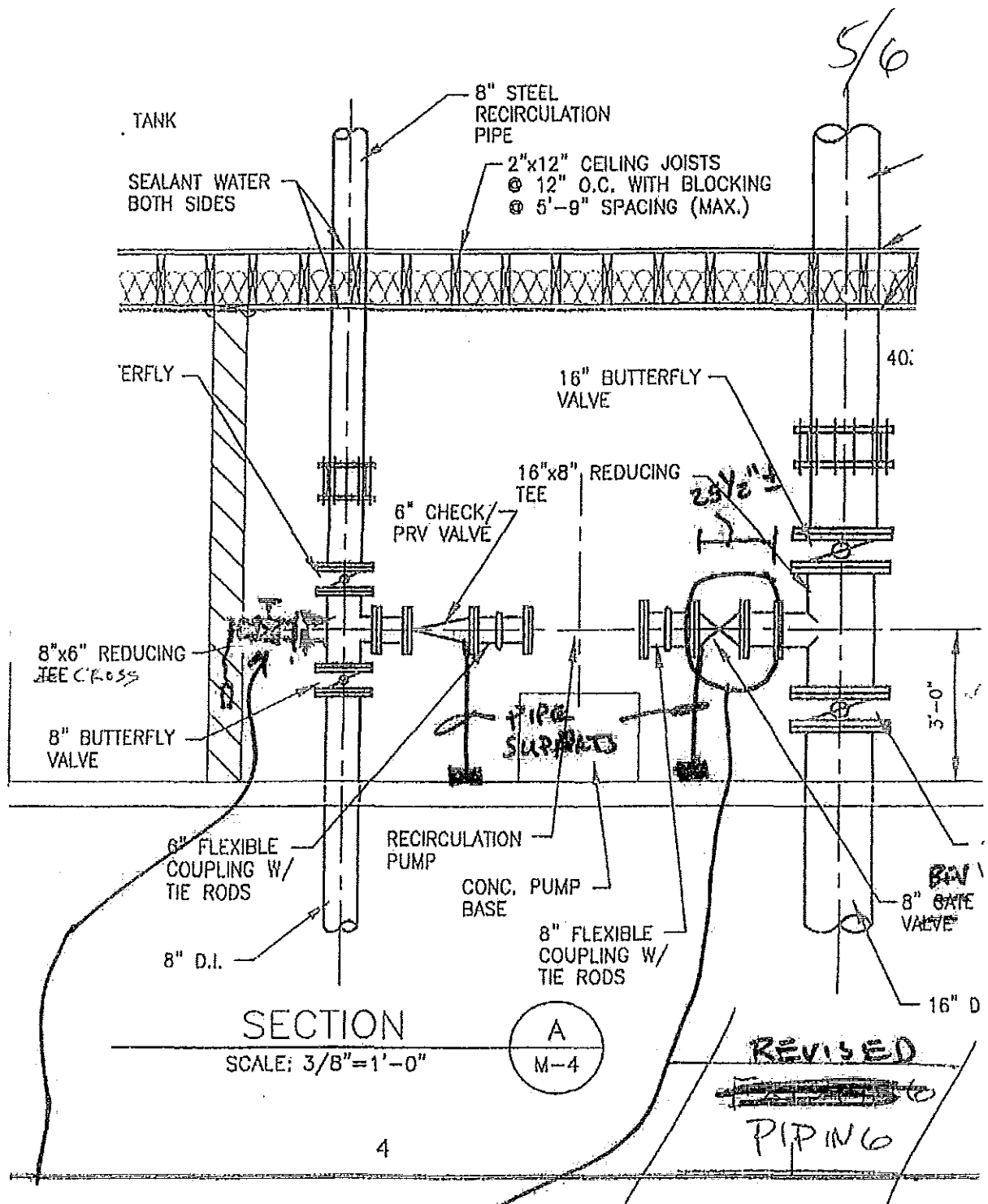
Cost for materials: \$3,395.00

Cost for labor: \$1,940.00

Total amount of this change : \$5,335.00

Thank you,

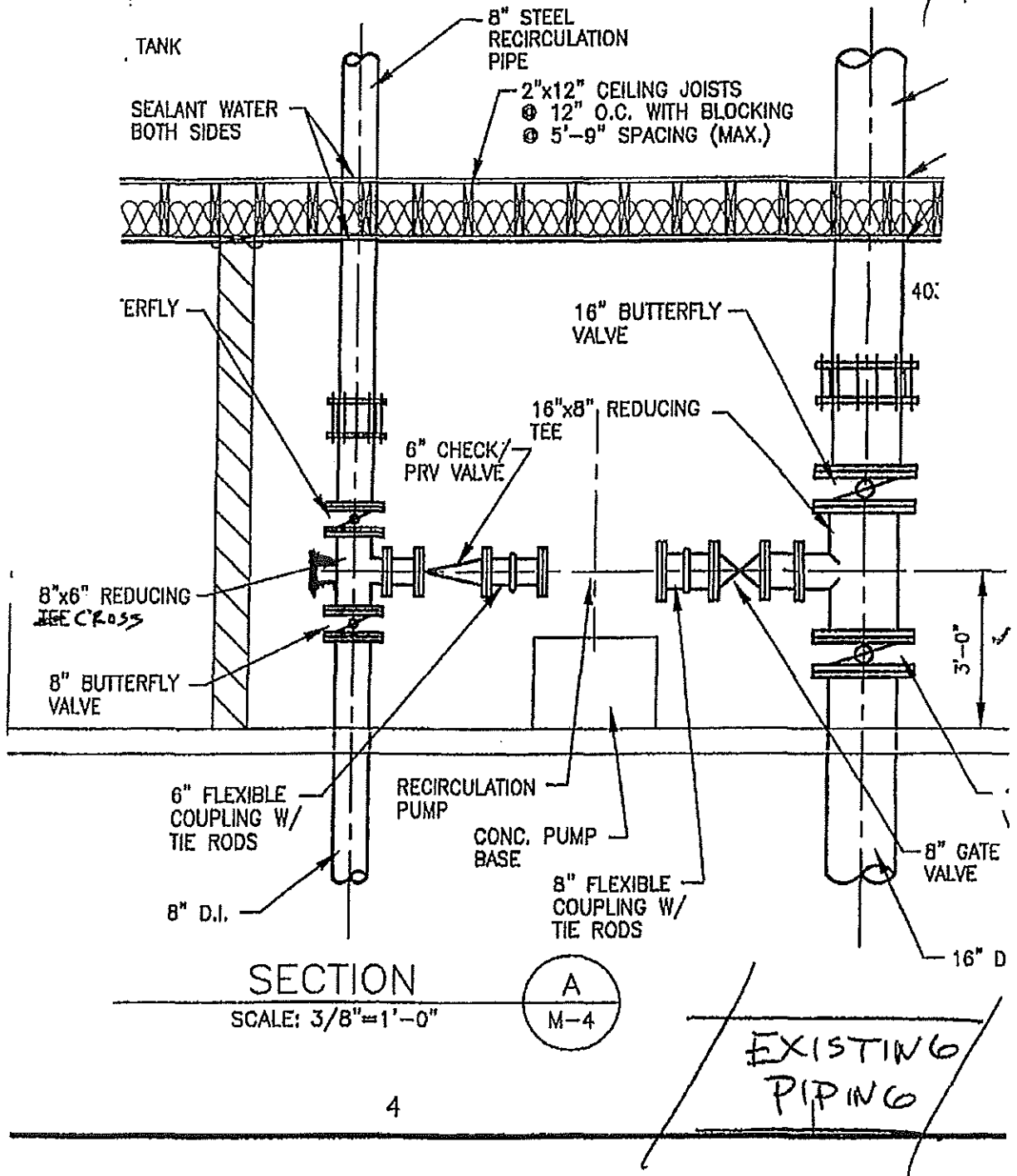
Signed By



- 6" BUND FLANGE w/ 2" TAP
- 2" NIPPLES
- 2" GATE VALVE
- 2 1/2" NPT HOSE CONNECTION w/ CAP.

- REPLACE WITH
- 8"x4" TEE (POINTED TO WALL)
  - 8" BFV w/ HANDWHEEL
  - 8" FLANGE FILLER
  - 4" BFV ON TEE OUTLET w/ HANDWHEEL
  - 1 GRINNELL PIPE SUPPORT @ 8" BFV

6/6



7/1

**CBI Change Order No. 11 Items**

1. DELETE Two (2) Pipe Bollards each at \$1,450 (\$2,900)

**TOTAL CREDIT (\$2,900)**



**CBI Constructors Inc.**

1000 Remington Boulevard  
Bolingbrook, IL 60440-4706  
Phone: (630) 378-7600  
Fax: (630) 378-7601

November 12, 2010

Baxter & Woodman  
8678 Ridgefield Road  
Crystal Lake, IL 60012

Attention: Gerald Groth

Re: 2000MG x 112.5' BCL HP  
Village of Hoffman Estates  
Two Million Gallon Water Storage Tank  
142309

Subject: Change Order No 12

Change:

Increase schedule 61 days. Touch up painting and other punchlist work that is weather dependent will need to be completed the following spring.

Justification:

Previous change orders have impacted scope such that additional time is warranted.

**CHANGE TO CONTRACT PRICE**

Original Contract Price:	\$ 3,829,000
Current Contract Price, as adjusted by previous Change Orders:	\$ 132,504
The Contract Price due to this Change Order will be increased by:	\$ 0
The new Contract Price due to this Change:	\$ 132,504

**CHANGE TO CONTRACT TIME**

The total Contract Time will be (increased) (decreased)- by 61 calendar days  
The date for completion of all work under the contract will be January 31, 2011.

**APPROVALS REQUIRED:**

To be effective, this order must be approved by the Owner if it changes the scope or objective of the project, or as may otherwise be required under the terms of the Conditions of the Contract.

Submitted by: James A. Elsmann Date 11/12/2010  
Jae Elsmann, Project Manager

Recommended by: \_\_\_\_\_ Date \_\_\_\_\_  
Engineer

Approved by: \_\_\_\_\_ Date \_\_\_\_\_  
Owner/Purchaser

The work covered by this order shall be performed under the same Terms and Conditions as that included in the original contract unless stated otherwise above.

cc: File 142309  
Jae Elsmann  
CLIVE FINANCE/CONTRACT FOLDER 142309



Y/11

**Change Order No. 2, Item No. 9**

**Sprinkler Cost Increase**

- 1. Sprinkler Cost Increase from Central States ( $\$24,165 - \$22,285 = \$1,880$ )  
(See attached e-mail and backup documentation including original request)

**TOTAL** **\$1,880**

2/11

**Gerald D. Groth**

---

**From:** Tom Lippner [tomlippner@gmail.com]  
**Sent:** Wednesday, June 09, 2010 9:01 AM  
**To:** Gerald D. Groth  
**Subject:** Hoffman Estates Water Tower  
**Attachments:** Tyco Price Increases.pdf; 281 wages.pdf

Hi Jerry,

Attached is our suppliers price increases & our labor increases.

Thanks,

Tom Lippner

Central States Automatic Sprinkler

3/11

February 4, 2010

To Our Valued Customers,

Over the past 18 months, we have undertaken significant steps to control our costs by aggressively taking cost out of our business. Not unlike you, this has meant making difficult decisions, such as reducing workforce, reducing working hours and reducing discretionary spending. We have however continued our focus on process improvement initiatives such as Lean Manufacturing, and automation to simultaneously reduce costs while improving quality. These initiatives are what have allowed us to maintain our list price structure since June 2008.

Although we have cut discretionary spending, we have maintained our focus on the industry and are committed to our efforts to grow the use of sprinklers through national code adoption and local sprinkler initiatives.

Unfortunately, even with concerted and aggressive efforts to minimize costs, we cannot control the price of raw material commodities, exchange rates, health care inflation, and the rising cost of oil and transportation. Based on these challenges, we have found it necessary to increase our list prices on most sprinklers, valves, and devices 5% - 7%. The price increase will be effective March 23, 2010.

We will continue to work closely with our vendors to minimize the impact of resale price increases and to provide as much advanced notice as possible. As you are aware it is difficult to accurately define these increases, although we expect increases in the range of 5%-25% on resale items.

Our new price book information will be available on February 26, 2010 and will be published on our website for your review. Tyco Fire Suppression & Building Products is committed to supporting you and the fire sprinkler industry through technology and innovation. We appreciate your continued support.

Sincerely,

TYCO FIRE SUPPRESSION  
& BUILDING PRODUCTS



Jim Smyrl  
Vice President, National Accounts  
Tyco Fire Suppression & Building Products  
451 North Cannon Avenue  
Lansdale PA 19446  
Tele: 800-523-6512, Ext. 51242  
Mobile: 267-218-0043

# SPRINKLER FITTERS AND APPRENTICES UNION

LOCAL NO. 281 AFL-CIO

of the UNITED ASSOCIATION OF JOURNEYMEN AND APPRENTICES OF THE PLUMBING AND PIPE FITTING INDUSTRY  
OF THE UNITED STATES AND CANADA

Telephone: (708) 597-1800  
FAX: (708) 597-1894

11900 SOUTH LARAMIE AVENUE  
ALSIP, ILLINOIS 60803



May 26, 2010

To the Local 281 Contractors

**RE: Economic Package June 1, 2010  
Union Protection Deduction  
July 4th Holiday**

Dear Sirs:

The Sprinkler Fitters Local 281, U.A. Collective Bargaining Agreement includes a \$3.30 per hour economic increase due June 1, 2010. The \$3.30 increase has been allocated to wages. I have enclosed the new wage sheet effective June 1, 2010. The Union Protection **DEDUCTION will increase to \$2.82 per hour**. The contribution rates for all other fringe benefits remain the same.

Article 7 Section D of the Sprinkler Fitters Union Local 281 Collective Bargaining Agreement (page 6) reads as follows:

**"The following days shall be considered Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day, and Christmas Day. When one of the above holidays falls on Sunday, the following Monday shall be considered the holiday and all work performed on said day shall be at the double time rate."**

The July 4<sup>th</sup> holiday falls on Sunday this year. Therefore, Monday, July 5, 2010 shall be considered the holiday. All work performed on this Monday shall be at the double time rate.

If you have any questions, please do not hesitate to contact me.

Sincerely yours,

John Zubricks  
Business Manager

JZ/emr  
enc.

# SPRINKLER FITTERS AND APPRENTICES UNION

## LOCAL NO. 281 ILL-CIO

of the UNITED ASSOCIATION OF JOURNEYMEN AND APPRENTICES OF THE PLUMBING AND PIPE FITTING INDUSTRY OF THE UNITED STATES AND CANADA

Telephone: (708) 597-1800  
FAX: (708) 597-1894

11900 SOUTH LARAMIE AVENUE  
ALSIP, ILLINOIS 60803



**JUNE, 2010**

**ALL LOCAL 281 TERRITORY IN ILLINOIS AND INDIANA**

**TO ALL CONTRACTORS SIGNATORY TO LOCAL 281 COLLECTIVE BARGAINING AGREEMENT**

GENERAL FOREMAN	**\$52.20 per hour
SPRINKLER FITTER FOREMAN	**\$51.20 per hour
JOURNEYMAN SPRINKLER FITTER	**\$49.20 per hour

CLASS I	1st 6 MONTHS	**\$22.15	(no contribution taken for S.I.S. Fund) (no contribution for N.A.S.I. Pension)
	2nd 6 MONTHS	**\$24.60	(no contribution taken for S.I.S. Fund) (NASI Pension contributions begin)

CLASS II	**\$27.05	CLASS IV	**\$36.90
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CLASS III	**\$32.00	CLASS V	**\$41.80
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\*\*THE SPRINKLER INDUSTRY SUPPLEMENTAL PENSION FUND WILL REMAIN \$2.85 PER HOUR MAIL TO THE N.A.S.I. PENSION FUND, 8000 Corporate Drive, Landover, MD 20785.

THE NATIONAL AUTOMATIC SPRINKLER INDUSTRY PENSION FUND WILL REMAIN \$5.20 PER HOUR MAIL TO THE N.A.S.I. PENSION FUND, 8000 Corporate Drive, Landover, MD 20785.

THE HEALTH & WELFARE CONTRIBUTION WILL REMAIN \$8.50 PER HOUR. MAIL TO LOCAL #281 WELFARE FUND, 11900 SOUTH LARAMIE AVENUE, ALSIP, IL 60803.

INTERNATIONAL TRAINING FUND WILL REMAIN \$1.10 PER HOUR SEPARATE CHECK MADE PAYABLE TO SPRINKLER FITTERS UNION LOCAL 281 AND MAILED TO SPRINKLER FITTERS UNION LOCAL #281, 11900 SOUTH LARAMIE AVENUE, ALSIP, IL 60803.

LMCC WILL REMAIN \$0.03 PER HOUR SEPARATE CHECK MADE PAYABLE TO SPRINKLER FITTERS UNION LOCAL 281 LMCC AND MAILED TO SPRINKLER FITTERS UNION LOCAL #281, 11900 SOUTH LARAMIE AVENUE, ALSIP, IL 60803.

THE NATIONAL AUTOMATIC SPRINKLER INDUSTRY APPRENTICE & TRAINING FUND WILL REMAIN \$0.45 PER HOUR MAIL TO NATIONAL AUTOMATIC SPRINKLER INDUSTRY APPRENTICE & TRAINING FUND P. O. BOX 1259, NEW MILFORD, CT 06776.

THE NATIONAL FIRE SPRINKLER ASSOCIATION PROMOTION FUND WILL REMAIN \$0.60 PER HOUR MAIL TO P.O. BOX 1000, PATTERSON, NY 12563.

THE PAY DAY SAVINGS DEDUCTION \$1.25 PER HOUR FOR JOURNEYMEN MAIL TO FOUNDERS BANK 6825 WEST 111<sup>TH</sup> STREET WORTH, IL 60482.

THE PAY DAY SAVINGS DEDUCTION \$0.50 PER HOUR FOR APPRENTICES MAIL TO FOUNDERS BANK 6825 WEST 111<sup>TH</sup> STREET WORTH, IL 60482.

UNION PROTECTION FUND DEDUCTION WILL INCREASE TO \$2.82 PER HOUR DEDUCTED FROM NET WAGES MAIL TO LOCAL #281, 11900 SOUTH LARAMIE AVENUE, ALSIP, IL 60803.

INSTALL FIRE SPRINKLERS • SAVE LIVES AND PROPERTY

6/4

**JUNE, 2010**

**OFF HOURS AND SHIFT WORK**

**TO ALL CONTRACTORS SIGNATORY TO LOCAL 281 COLLECTIVE BARGAINING AGREEMENT**

<b>GENERAL FOREMAN</b>	<b>**\$60.05 per hour</b>
<b>SPRINKLER FITTER FOREMAN</b>	<b>**\$58.90 per hour</b>
<b>JOURNEYMAN SPRINKLER FITTER</b>	<b>**\$56.60 per hour</b>

<b>CLASS I</b>	1st 6 MONTHS	<b>**\$25.45</b>	(no contribution taken for S.I.S. Fund) (no contribution for N.A.S.I. Pension)
	2nd 6 MONTHS	<b>**\$28.30</b>	(no contribution taken for S.I.S. Fund) (NASI Pension contributions begin)
<b>CLASS II</b>	<b>**\$31.10</b>	<b>CLASS IV</b>	<b>**\$42.45</b>
<b>CLASS III</b>	<b>**\$36.80</b>	<b>CLASS V</b>	<b>**\$48.05</b>

7/11



CENTRAL STATES AUTOMATIC SPRINKLERS, INC.  
13740 S. California Ave. ~ Blue Island, IL 60406

708.489.9400

Established 1974

Fax: 708.489.9494

204 S. River St. ~ East Dundee, IL 60118

847.428.5300

Fax: 847.428.5322

TRANSMITTAL LETTER

TO: Mr. Jerry D Groth, P.E.

DATE: August 13, 2010

Baxter Woodman

JOB: Village of Hoffman Estates

Madison, WI

New Water Tower

Fax: 608.241.5491

We transmit herewith for your:

- INFORMATION
- APPROVAL
- FILE
- CORRECTION
- RETURN

TOTAL NUMBER OF PAGES: 1

REMARKS: This fax is to acknowledge receipt of the contract for the New Water Tower for the Village of Hoffman Estates.

We are in the process of submitting the plans for approval.

COST INCREASE NOTED !!

Sincerely,

CENTRAL STATES AUTOMATIC SPRINKLERS, INC.

By Michael Sublewski

www.csasinc.com

CONTRACTORS AND ENGINEERS OF AUTOMATIC SPRINKLER SYSTEMS



CENTRAL STATES AUTOMATIC SPRINKLERS, INC.  
13740 South California Ave. ~ Blue Island, IL 60406

708-489-9400

Established 1974

Fax: 708-489-9494

8/11

May 19, 2010

Village of Hoffman Estates

RE: New Water Tower  
Fire Sprinkler System

Our proposal for a complete dry sprinkler system is Twenty Four Thousand One Hundred Sixty Five Dollars (\$ 24,165.00)

**Included:**

Design & install a dry pipe sprinkler system to protect the first & second levels  
System design will conform to NFPA #13 & Hoffman Estates Fire Codes  
Install a 4" backflow preventer.  
Install a 4" Tyco dry pipe valve complete with trim  
Install all required fire sprinkler alarm switches  
Install a 3/4" riser mount air compressor  
Install a 2 1/2" fire hose valve on the intermediate stair landing  
Brass upright sprinklers in the exposed areas  
Install pressure gauges as required.  
Install tamper switches as required.  
Install auxiliary drains as required.  
Install an Emergency Sprinkler box with spare sprinklers & sprinkler wrench.  
Install all required identification signs.  
Install a 1" inspector's test valve & pipe drain line through exterior wall with galvanized pipe.  
Install NFPA approved black schedule #10 & #40 pipe for sprinkler piping  
Install NFPA #13 approved threaded, grooved & mechanical fittings for the sprinkler systems  
Install NFPA #13 approved hangers & supports.  
Install wall plates around openings where pipes pass through finished walls.  
Install valve identification signs.  
Drawings, calculations & submittals.  
Provide four hours of sprinkler system operation & maintenance training.  
Hydrostatic pressure test.  
Attend alarm flow test.

[www.csasinc.com](http://www.csasinc.com)

CONTRACTORS AND ENGINEERS OF AUTOMATIC SPRINKLER SYSTEMS



9/11

Page 2

Water Tower

**Included:**

Coring, insurance, delivery, hoisting, supervision, union labor & coordination.  
Two year installation & material warranty  
Work during normal business hours (7:00am-3:30pm Mon-Fri)

**Not Included :**

Taxes  
Overtime  
Permit or plan review fees  
Electrical work or wiring.  
Fire alarm work or wiring.  
Underground work or flushing of the underground

Thank you for considering Central States for your fire protection service. If you have any questions, please call, cell # 708-790-2003

Sincerely,  
CENTRAL STATES AUTOMATIC SPRINKLERS, INC.

Tom Lippner

[www.csasinc.com](http://www.csasinc.com)

**CONTRACTORS AND ENGINEERS OF AUTOMATIC SPRINKLER SYSTEMS**



CENTRAL STATES AUTOMATIC SPRINKLERS, INC.  
13740 South California Ave. ~ Blue Island, IL 60406

708-489-9400

Established 1974

Fax: 708-489-9494

10/11

December 14, 2009

Village of Hoffman Estates

RE: New Water Tower  
Fire Sprinkler System

Our proposal for a complete dry sprinkler system is Twenty Two Thousand Two Hundred Eighty Five Dollars (\$ 22,285.00)

**Included:**

- Design & install a dry pipe sprinkler system to protect the first & second levels
- System design will conform to NFPA #13 & Hoffman Estates Fire Codes
- Install a 4" backflow preventer.
- Install a 4" Tyco dry pipe valve complete with trim
- Install all required fire sprinkler alarm switches
- Install a 3/4" riser mount air compressor
- Install a 2 1/2" fire hose valve on the intermediate stair landing
- Brass upright sprinklers in the exposed areas
- Install pressure gauges as required.
- Install tamper switches as required.
- Install auxiliary drains as required.
- Install an Emergency Sprinkler box with spare sprinklers & sprinkler wrench.
- Install all required identification signs.
- Install a 1" inspector's test valve & pipe drain line through exterior wall with galvanized pipe.
- Install NFPA approved black schedule #10 & #40 pipe for sprinkler piping
- Install NFPA #13 approved threaded, grooved & mechanical fittings for the sprinkler systems
- Install NFPA #13 approved hangers & supports.
- Install wall plates around openings where pipes pass through finished walls.
- Install valve identification signs.
- Drawings, calculations & submittals.
- Provide four hours of sprinkler system operation & maintenance training.
- Hydrostatic pressure test.
- Attend alarm flow test.

[www.csasinc.com](http://www.csasinc.com)

CONTRACTORS AND ENGINEERS OF AUTOMATIC SPRINKLER SYSTEMS

Page 2

Water Tower

**Included:**

Coring, insurance, delivery, hoisting, supervision, union labor & coordination.  
Two year installation & material warranty  
Work during normal business hours (7:00am-3:30pm Mon-Fri)

**Not Included :**

Taxes  
Overtime  
Permit or plan review fees  
Electrical work or wiring.  
Fire alarm work or wiring.  
Underground work or flushing of the underground

Thank you for considering Central States for your fire protection service. If you have any questions, please call, cell # 708-790-2003

Sincerely,  
CENTRAL STATES AUTOMATIC SPRINKLERS, INC.

Tom Lippner

[www.csasinc.com](http://www.csasinc.com)

**CONTRACTORS AND ENGINEERS OF AUTOMATIC SPRINKLER SYSTEMS**

✓/3

**Change Order No. 2, Item No. 10**  
**Second Floor Ceiling Support and Tile Grid**

1. Rockwell Group  
(See attached backup documentation)

**TOTAL**

**\$69,850**

Proposal

2/3



General Phone  
815-266-4200

500 W. South St.  
Freeport, IL 61032

General Fax  
815-266-8900

<b>Proposal Submitted to:</b>	<b>Phone:</b>	<b>Fax:</b>	<b>Date:</b>	<b>6/16/2010</b>
Jerry Groth, P.E. Baxter Woodman 5100 Eastpark Blvd. Madison, WI 53718	608-241-5481	608-841-5491	<b>E-Mail</b>	<b>Revised</b>
		<a href="mailto:ggroth@baxterwoodman.com">ggroth@baxterwoodman.com</a>		

**Architect:**  
Baxter Woodman

**Project Name:**  
Hoffman Estates 2.0 MG Tank  
1215 W. Dayton St.  
Madison, WI 53706

**Plans & Spec's:**  
Plans Dated: 2/8/10

**Estimator:**  
Joel Manus [jmanus@rockwellcontractors.com](mailto:jmanus@rockwellcontractors.com)  
Direct Lines: Phone: 815-266-4215, Fax: 815-266-8915  
Cell Phone: 815-266-1689

**Addenda:**  
None

We propose to provide material, labor, and equipment to complete the following listed work according to plans and specifications, except as noted below, for the respective costs shown below:

**Quote(s):**

**Base Bid:** Structural Steel, Steel Joist, ACT, Painting **\$ 69,850.00**

Sales tax is not included

**Scope of Work:**

Gypsum Wallboard

- 1 - Structural steel (columns & beams) bearing on 2nd floor concrete slab @ +16'-0" +/-
- 2 - 800S200-43 steel joist @ 2'-0" o.c. w/ web stiffeners at bearing & bridging at center span
- 3 - Genesis vinyl grid system & Genesis white Smooth Pro tile 2x4
- 4 - Touch-up painting of tank as required

**Bid Exclusions & Clarifications (including discrepancies not covered by addenda):**

None



General Phone  
815-266-4200

500 W. South St.  
Freeport, IL 61032

General Fax  
815-266-8900

Project Name: Hoffman Estates 2.0 MG Tank

Date 6/16/2010

Revised

**Conditions & Exclusions (exclusions apply unless noted otherwise in the "Scope of Work"):**

- 1 - General Contractor, GC, is responsible for all reference lines, surveys, and bench marks.
- 2 - Rockwell will layout all walls, ceilings, soffits, etc. based on information provided by the G.C.
- 3 - GC is responsible for all permits and negotiations with governmental officials.
- 4 - GC shall provide all temporary facilities i. e. heat, electricity, water, lighting, dumpsters, enclosures, weather & dust partitions, sanitary facilities.
- 5 - GC shall provide project access and enforce project clean up.
- 6 - Rockwell will clean up our debris and place it in GC's dumpster at no cost to Rockwell.
- 7 - Builder's Risk and Owner's Protective insurance is not included.
- 8 - Performance & Payment Bonds are not included.
- 9 - Overtime and/or shift work is not included.
- 10 - Sharing in Liquidated Damages for delays caused by other contractors is not included.
- 11 - Unconditional Waivers of Lien will not be signed before payment is received.
- 12 - Required contractor municipal bonds and licensing for the project location is included.
- 13 - Finish products i.e. floor tile, carpet, millwork, specialties, and furnishings are not to be installed until GWB finishing is completed. Protection of "Finish" products is not included.
- 14 - Base Bid is not subject to partial award.
- 15 - Gypsum wall board, GWB, is finished to level 4 in exposed, finished areas only.
- 16 - Skim coating of GWB damaged by wall finish removal is not included.
- 17 - Cleaning of existing acoustical ceilings is not included
- 18 - Demolition work is not included
- 19 - Shop drawings for light gauge structural load bearing and nonload bearing walls will be provided as required by the specifications (exterior framing only).
- 20 - Cutting and patching/firestopping walls for mechanical, electrical, and miscellaneous wall penetrations will be the responsibility of the trade requiring the penetration.
- 21 - Scaffolding, ladders, and lifts provided by Rockwell shall not be used by any other personnel.
- 22 - Light gauge framing will be mechanically fastened, no welding is included.
- 23 - Only caulking required in the particular specification section being bid is included.
- 24 - Rockwell will receive, unload, and store only materials which are to be installed by Rockwell.
- 25 - If Rough Carpentry is included in this proposal, untreated, weather treated and/or fire treated wood blocking and plywood material is included.
- 26 - If Finish Carpentry is included in this proposal, only labor to install finished products i.e. paneling, cabinets, door frames, doors, hardware, specialties is included as stated in the "Scope of Work"
- 27 - All work will be completed by fully insured union employees to meet or exceed industry standards using the highest quality products from nationally known manufacturers.

**Acceptance & Schedule:**

- 1 - This proposal will remain open and in force for a period of 60 days from the date shown above.
- 2 - This proposal is based on our work being completed before 9/1/2010. Prolonged delays in completion of our work beyond this date may require an escalation in material and/or labor, costs.

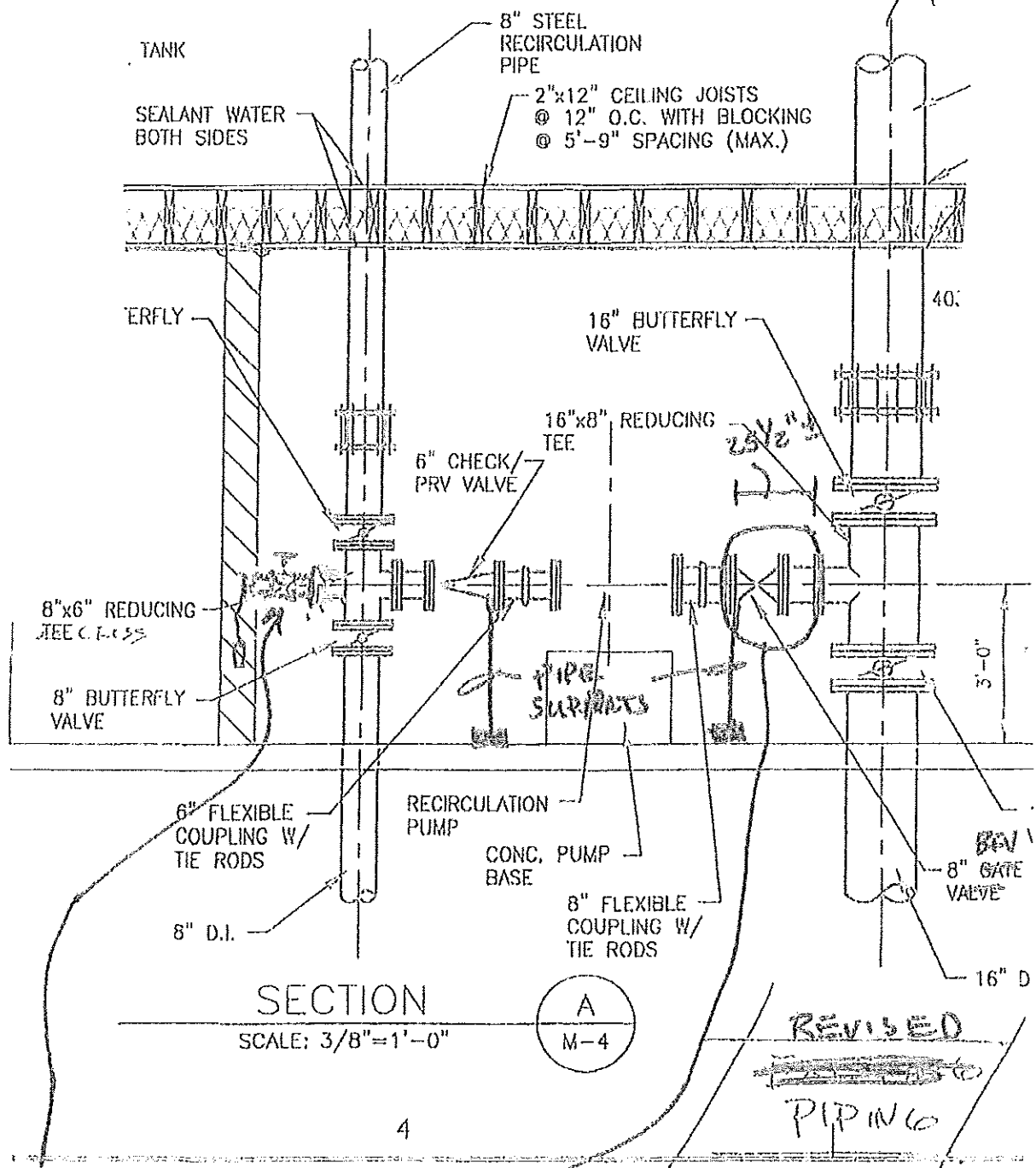
Joel D. Manus, Estimator/Project Manager

[jmanus@rockwellcontractors.com](mailto:jmanus@rockwellcontractors.com)

Direct Phone: 815-266-4215 Direct Fax: 815-266-8915

Cell Phone: 815-266-1689

5/6



- 6" BUND FLANGE w/ 2" TAP
- 2" NIPPLES
- 2" GATE VALVE
- 2 1/2" NPT. HOSE CONNECTION w/ CAP.

- REPLACE WITH
- 8x4" TEE (POINTED TO WAW)
  - 8" BFV w/ HANDWHEEL
  - 8" FLANGE FILLER
  - 4" BFV ON TEE OUTLET w/ HANDWHEEL
  - 1 GRINWELL PIPE SUPPORT @ 8" BFV.

4

**COMMITTEE AGENDA ITEM  
VILLAGE OF HOFFMAN ESTATES**

**SUBJECT:** Request authorization to award an engineering professional service contract for the preparation of a Location Drainage Study for the Palatine Road STP project to HLR, Inc. of Elgin, IL in an amount not to exceed \$19,734

**MEETING DATE:** November 22, 2010

**COMMITTEE:** Public Works and Utilities

**FROM:** Gary Salavitch

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---

**PURPOSE:** Request authorization to award an engineering professional service contract for the preparation of a Location Drainage Study (LDS) for the Palatine Road STP project to HLR, Inc. of Elgin, IL in an amount not to exceed \$19,734.

**BACKGROUND:** The Village submitted an application to the Northwest Municipal Conference (NWMC) for federal Surface Transportation Program (STP) funds in 2008. The proposed improvement is to widen Palatine Road to a continuous three lane cross section between Huntington Boulevard and Thornbark Drive. There will be left turn lanes at all intersections to improve traffic flow and reduce the potential for left turn related crashes. No additional right of way is anticipated for the road work. The State also determined the intersection of Huntington Boulevard and Palatine Road met traffic signal warrants. As a result, the scope of work includes a new signal at this intersection. The entire project cost is estimated at \$2,280,000.

The Village has progressed to near the end of Phase I (Study) of this project and is currently working on finalizing the Project Development Report (PDR) for IDOT. As part of the PDR, IDOT has recently requested a LDS for the project limits to be submitted. It was determined that the LDS should be produced by an engineering consultant to provide the expertise needed and to ensure the continuing progress for this project.

**DISCUSSION:** The Village issued a Request for Proposals (RFP) for qualified engineering firms to perform the data collection, study, design, plans and final LDS in accordance with IDOT Hydraulic Unit requirements for the Palatine Road project between Huntington Boulevard and Haman Road.



**DISCUSSION: (continued)**

The RFP was posted on the Village's website. As part of the RFP, the Village requested a detailed "cost not to exceed" estimate. Seventeen proposals with sealed fee estimates were received by the due date.

Staff evaluated each proposal for the following categories: existing drainage detail, proposed drainage detail, proposal completeness, project schedule, similar projects, firm and staff qualifications, project approach and understanding, scope of services and various project related issues. The combined categories contained a total of 19 criteria being reviewed for each proposal. The ability of the firm to move this project through IDOT and the permitting processes is critical to the project's success while also preparing a technically sound engineering design. The sealed cost fees were used only after evaluating all the proposals. Following the review of the proposals, six consultants were selected for further review based on the quality of the proposal and the submitted costs.

**FEE SUMMARY**

CONSULTANT	FEE ESTIMATE TOTAL
HLR	\$19,734
Hey and Associates	\$29,790
Chastain and Associates	\$31,762
SEC Group	\$32,753
Patrick Engineering	\$38,710
Stanley	\$39,881

The cost range for the 17 proposals was from \$13,999 to \$60,280 with an average cost of \$35,275. Copies of the proposals are in the trustees' reading room. Any number of these companies could have completed this project in an excellent manner and it was difficult to eliminate proposals due to the overall quality of the submittals. The Village has had contracts in the past with most of these companies and currently with Hey and Associates and SEC Group.

Based on the consultant proposals and fee estimates, HLR is recommended for award of contract. They provided the best schedule, the lowest costs among the top ranked proposals (second lowest overall), and a very high quality proposal. Other proposals demonstrated a higher cost for similar work or unreasonable schedule for the LDS. During a follow up telephone call, HLR provided the experience and confidence to navigate the IDOT and permitting processes. References were checked and found to be excellent.

**FINANCIAL IMPACT:**

The total project cost of \$19,734 is proposed to be paid from the Traffic Improvement Fund.

**RECOMMENDATION:**

Request authorization to award an engineering professional service contract for the preparation of a Location Drainage Study for the Palatine Road STP project to HLR, Inc. of Elgin, IL in an amount not to exceed \$19,734.

**COMMITTEE AGENDA ITEM  
VILLAGE OF HOFFMAN ESTATES**

**SUBJECT:** Request authorization for Change Order #1 for the 2010 Street Revitalization Project to Arrow Road Construction in the amount of \$22,684.22 for a new contract amount of \$1,899,787.73.

**MEETING DATE:** November 22, 2010

**COMMITTEE:** Public Works and Utilities

**FROM:** Gary Salavitch

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**PURPOSE:** The purpose of this agenda item is to recommend approval of Change Order #1 for the 2010 Street Revitalization Project in the amount of \$22,684.22 for a new contract amount of \$1,899,787.73.

**BACKGROUND:** The 2010 Street Revitalization Project contract was awarded to Arrow Road Construction by the Village Board on April 19, 2010, in the amount of \$1,877,103.51. Due to a favorable low bid, the remaining budget amount of \$33,676 was held as a contingency.

**DISCUSSION:** Unexpected costs were incurred on the 2010 Street Revitalization Project due to additional earthwork and the labors/operators union strike in June. During construction, poor soils were encountered for a majority of Western Street, Berkley Lane, and Audubon Street to a much larger extent than anticipated from preliminary street core information. During the three week union strike, temporary stone ramps were provided and maintained for Audubon Street and Western Street so that the residents had access to the street and their driveways. This cost was not included in the original project scope but the work was necessary to provide access on these streets.

**FINANCIAL IMPACT:** The approved budget for the 2010 Street Revitalization Project was \$1,955,000 from MFT, Community Development Block Grant (CDBG), and Bond Funds including \$77,896 in MFT and CDBG contingency funds. The additional project cost of \$22,684.22 would come from the MFT and CDBG contingency funds for this change order. The amounts would be \$6,506.46 from CDBG and \$16,180.76 from the MFT contingency.

**RECOMMENDATION:** Request authorization for approval of Change Order #1 for the 2010 Street Revitalization Project to Arrow Road Construction in the amount of \$22,684.22 (Total contract amount \$1,899,787.73).


# DEPARTMENT OF PUBLIC WORKS

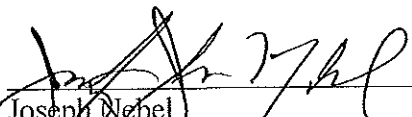
## OCTOBER MONTHLY REPORT


### SUBMITTED TO PUBLIC WORKS COMMITTEE

NOVEMBER 2010

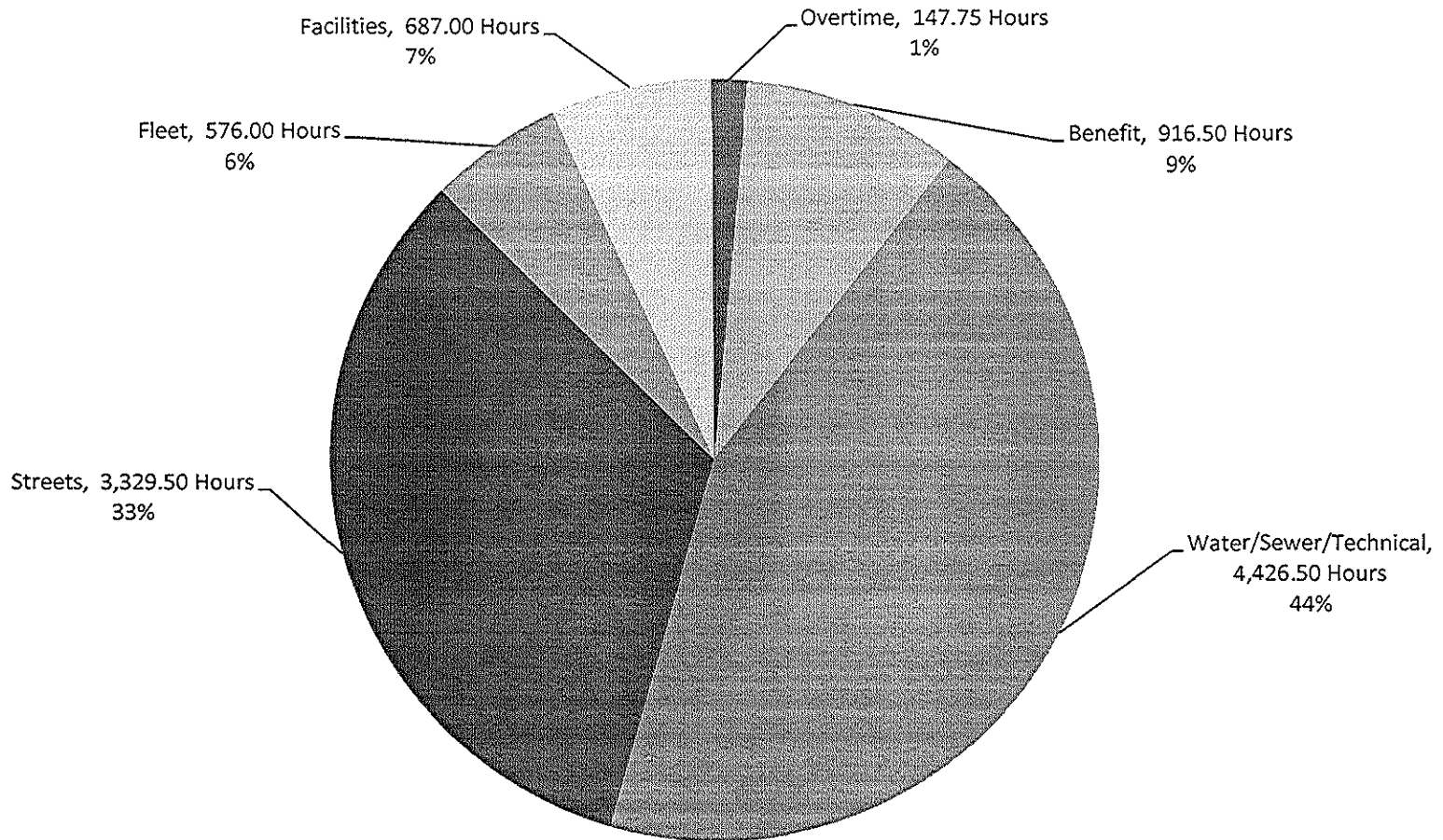
- ADMINISTRATIVE AND TECHNICAL SERVICES
- FACILITIES
- FLEET SERVICES
- STREETS
- WATER AND SEWER

  
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Ken Gomoll  
Superintendent of Administrative Services

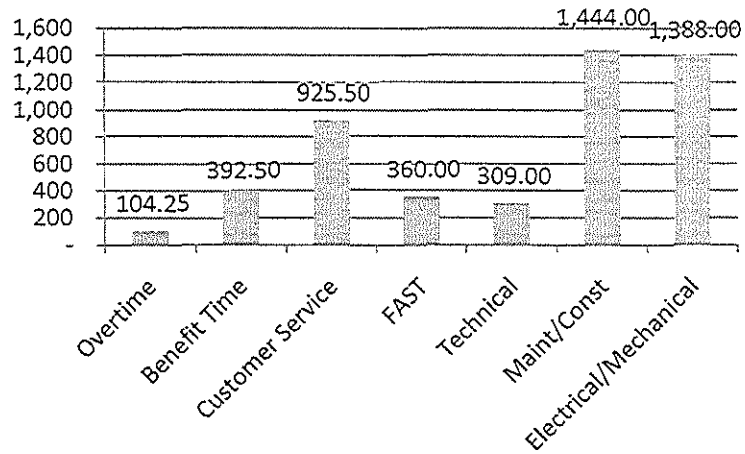
  
\_\_\_\_\_  
Joseph Nebel  
Acting Director of Public Works

  
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Kenneth Hari  
Director of Public Works

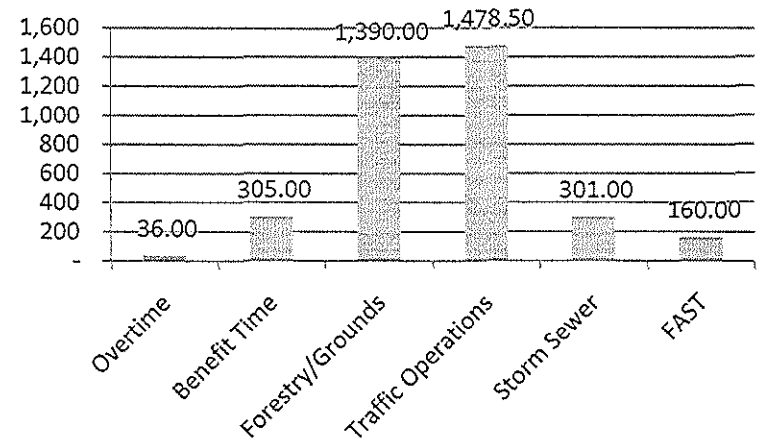
## Public Works Department Total Hours October 2010



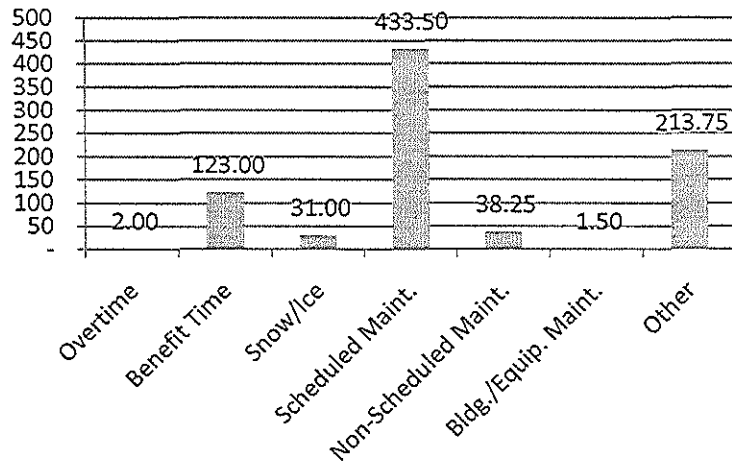
**Water Total Hours October 2010**



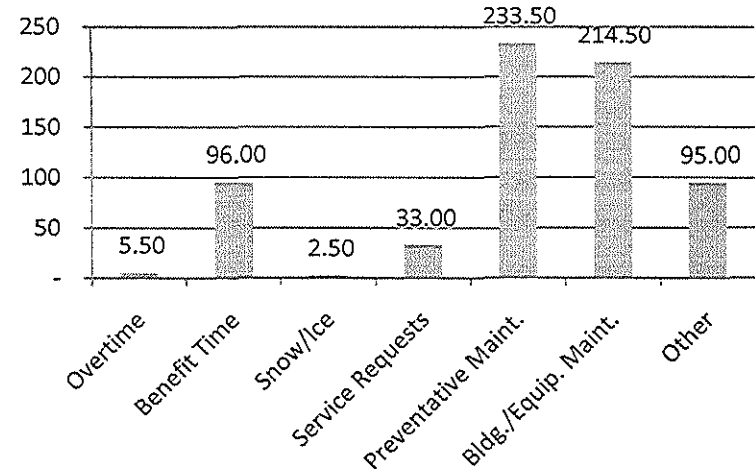
**Street Total Hours October 2010**



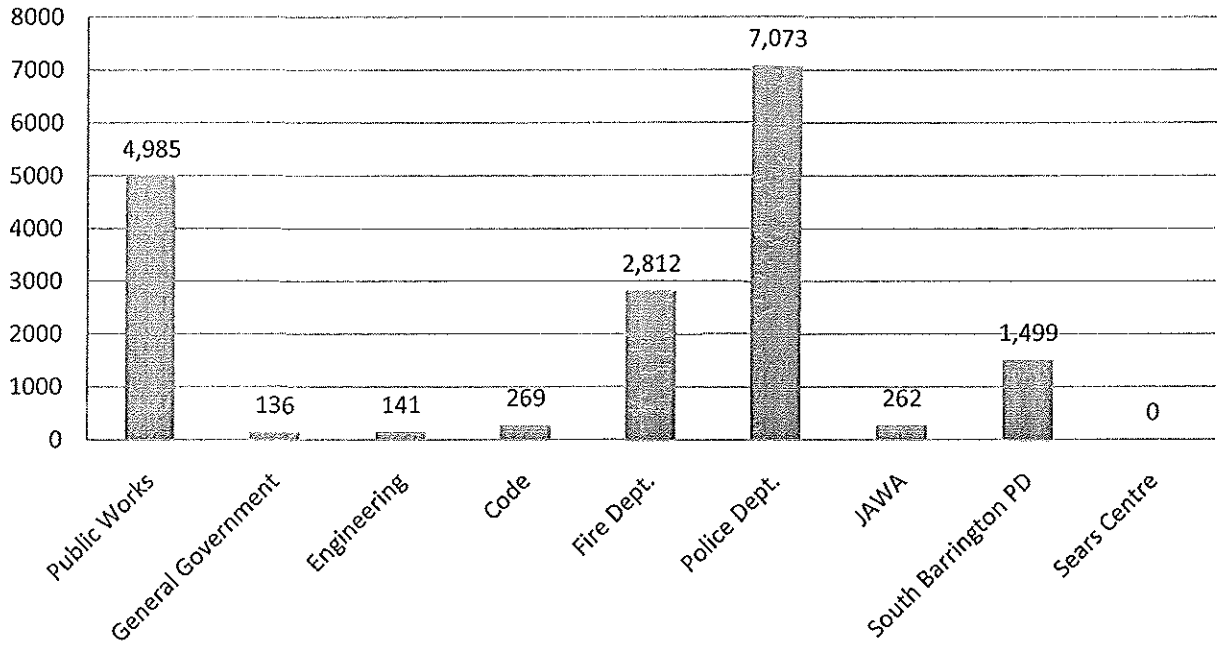
**Fleet Total Hours October 2010**



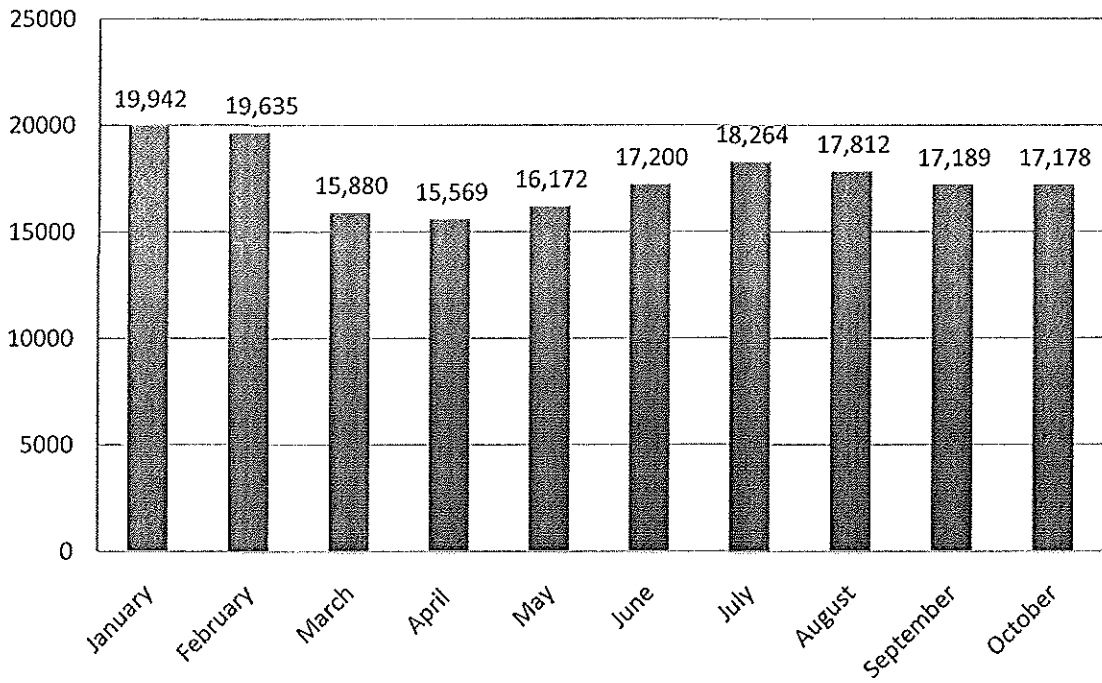
**Facilities Total Hours October 2010**



### October 2010 Fuel Usage by Department / Gallons



### 2010 Total Fuel Used / Gallons



## \* MAJOR PROJECT STATUS

### Water Tower #7

The project is approximately 90% complete. The construction of the access drive, parking area, curb and gutter have been completed. Light poles were installed and top soil has been spread. Doors have been installed so the tower is now secured. Site construction fencing was removed. Paper work for Change Order 2 is being prepared for approval to extend final contract completion date and includes additional work required to cover sprinkler system brackets, construction of the second floor ceiling, additional stairwell lighting, additional exit and fire alarm lights, stairway modifications and other miscellaneous items for Village Code compliance requirements. It is anticipated that the tower will be put into service in December of 2010.

### Wastewater Lift Station Abandonment Project

On May 3, 2010, the Village Board awarded the \$1,135,432 project to George W. Kennedy Construction Co. The project permit was received from the IEPA on the same date. A pre-excavation meeting was held on June 3, 2010 and construction began on June 7, 2010. The construction zone is limited to Highland Blvd., Jones Rd. to Frederick Ln., and Frederick Ln., Highland Blvd to Pierce Rd. **As of October 30, all new sanitary sewer mains and associated manholes have been installed and placed in service. All 3 lift stations have now been bypassed. Site restoration, including replacement of pavement, is near completion. The actual project totals are as follows: 4,150' of new 8"-12" sanitary sewer pipes, 25 sanitary manholes and 336' of PVC sanitary service lateral pipes. The remaining work for November is approximately 5% sidewalk restoration, 10% landscape restoration and the abandonment of 3 lift stations. The project is on schedule with a targeted completion date in December, 2010.**

### SCADA Upgrades

The project for the Supervisory Control and Data Acquisition (SCADA) upgrade for key remote Water/Sewer facilities commenced in 2009 to replace the obsolete Aquatrol Remote Terminal Telemetry Units (RTU) with Programmable Logic Controller (PLC) in a sequential manner for 8 lift stations, six water towers, three reservoirs, five flow meters, two booster pump stations, and two high service pump stations. **In October 2010, Chippendale Lift and Aster Lane Pump Station were completed. In addition, University Place Lift Station controls were transferred to the PLC. A float backup control was also installed at Moonlake Lift Station.** The total project is expected to be completed in December, 2010. The project was initiated to increase reliability of both water and wastewater systems and to reduce maintenance and improve reliability. The upgraded PLC also increases the number of input and output nodes which adds more control and monitoring capabilities of facility components and instruments such as valves, pumps and level monitoring devices. For the water system, the new controls enable water towers and pump stations to communicate directly with one another. This type of direct communication keeps the system operating properly as a backup, in case of a main control system failure.

**\*Added information from last report represented in bold.**

**ADMINISTRATIVE AND TECHNICAL SERVICES**

During the last month the following was completed:

1. Participated in weekly site plan review meeting
2. Participated in Information Systems User Group Committee
3. Performed download of M-Cal gas calibration readings per OSHA/IDOL requirements
4. Prepared articles for Citizen newsletter
5. Supervised monthly job code data entry
6. Prepared monthly report charts
7. Coordinated R.O.W. pre-construction meetings
8. Performed parts purchasing and inventory for Fleet Services
9. R.O.W Permits Issued; (3) AT&T to install copper cable for new service at 1355 Westbury Dr., 2700 W. Higgins Rd., and 1400 Poplar Creek Dr; (3) Comcast to replace damaged CATV cable at 1620 Westbury Dr., 835 Charleston Ln., and 1890 Hassell Rd.; (1) T-Mobile to install new fiber optic cable at 1840 Huntington Blvd.; (1) ComEd to install new cable and abandon old cable on Hassell Rd. at Cardigan Pl.
10. Entered street inventory data into Excel
11. Attended GIS seminar for ARC GIS computer program
12. Assisted locators and sanitary crew with locations of manholes along CN railroad tracks
13. Performed GIS/GPS storm sewer updates for the South section
14. Collected GIS data for tree inventory
15. Participated in performance measures meeting
16. Researched Hilldale Lift Station easements

**UTILITY LOCATES TEAM**

1. Performed 308 regular priority J.U.L.I.E. utility locates for the month; 3,364 year-to-date
2. Performed 19 emergency priority J.U.L.I.E. utility locates for the month; 258 year-to-date
3. Participated in 4 Utility Joint Meets; 50 year-to-date
4. Performed R.O.W. inspections
5. Performed sanitary sewer inspections
6. Performed Saturday Village Hall event assignments and building lock-up duties



**STREETS**• **F.A.S.T. (Fast Action Service Team)**

1. Responded to 64 requests for the month, 662 year-to-date
2. Emptied recycling bins at Susan Kenley-Rupnow Public Works Center
3. Assisted contractor with repair of sidewalks and curbs
4. Assisted meter shop with shut-offs of delinquents meter accounts
5. Attended Snow/Ice training
6. Performed drop box pick ups
7. Assisted with sanitary sewer inspections
8. Performed job safety patrol in vicinity of Highland Blvd. and Frederick Ln.
9. Removed flag poles at old Police Department
10. Assisted with meter change out programs in Parcel 'A'
11. Performed street light inspections
12. Performed barricade inspections
13. Performed lamp inspections at Susan Kenley-Rupnow Public Works Center
14. Performed site lock ups at Susan Kenley-Rupnow Public Works Center and Fleet Services
15. Performed building maintenance at Fleet Services
16. Performed R.O.W. inspections
17. Assisted with electronic recycling at the Village Hall
18. Performed floor grate inspections at Susan Kenley-Rupnow Public Works Center garage
19. Transported port-o-let during chipping program
20. Transported scissor lift, and message boards to various locations Village-wide
21. Performed monthly maintenance on 5 message boards
22. Assisted with utility locates
23. Prepared CACL system for winter use
24. Performed mailbox inspections Village-wide
25. Performed sidewalk repair on Dixon Dr.
26. Received deliveries at Susan Kenley-Rupnow Public Works Center
27. Continued sidewalk grinding program south of the tollway
28. Participated in the Village-wide brush/branch pick-up program
29. Transported vehicles for Safety Lane testing

5	B-box repairs	1	Graffiti removal
6	Sidewalk deviations	16	Dead animal pick-ups
10	Branch pick-ups	2	Possible sanitary sewer back-ups
6	Miscellaneous service requests	1	Black Dirt & Seed
3	Woodchip deliveries	2	Possible water leaks
3	Water Turn On/Offs	2	Barricade pick-ups
2	Meter change-outs	2	Miscellaneous pick-up/deliveries
1	Mailbox repair		

- PAVEMENT MAINTENANCE TEAM

1. Repaired potholes at various locations Village-wide
2. Performed Bode Road "S" curve guard rail maintenance
3. Performed scheduled equipment maintenance on Unit #50 and pavement equipment
4. Assisted with sign fabrication
5. Performed street inspections and inventory for pavement repairs
6. Performed safety coordination for department tailgate training, CPR and First Aid training, and Snow/Ice yard man training
7. Performed inlet repairs at various locations Village-wide
8. Performed yard maintenance at Fleet Services facility
9. Performed street pavement marking along Hassell Rd.
10. Performed preventative cleaning of storm sewer inlets
11. Performed asphalt street repairs at various locations Village-wide
12. Performed parking lot maintenance at 1200 Gannon Dr.
13. Assisted Street Light maintenance team
14. Assisted Sign maintenance team
15. Participated on department Snow/Ice Control Procedures team
16. Assisted with Village-wide street sweeping program
17. Performed curb line repairs at 19 locations Village-wide
18. Performed raised pavement marker repairs at 3 locations Village-wide
19. Performed pavement work at Fleet Service driveway
20. Participated in the Village-wide brush/branch pick-up program
21. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

### TRAFFIC OPERATIONS TEAM

- SIGNS

1. Performed vehicle maintenance
2. Performed asphalt street repairs at various locations Village-wide
3. Assisted with street light repairs
4. Replaced or repaired 3 signs due to vehicle damage or vandalism
5. Performed traffic barricade maintenance
6. Fabricated and updated "Adult Flu Shots" and "Children's Flu Shots" signs and installed in various locations Village-wide
7. Performed maintenance on folding stop signs utilized at intersections when signal lights are out of service
8. Installed road delineators at various locations Village-wide in preparation of Snow/Ice operations
9. Fabricated two 'Squad Car Parking Only' signs and mounted on post at new Police Department
10. Installed handicap sign at 2063 Danbury Pl.
11. Participated in the Village-wide brush/branch pick-up program
12. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- STREET LIGHTS

1. Responded to 7 resident requests for repair service; 111 year-to-date
2. Repaired 10 street lights; 330 year-to-date (using 16 lamps, 1 ballasts, 2 photocells, 2 fuses, and 1 toggle switch) at the following locations from work requests: across from 1235 John Dr., (2) Moon Lake Blvd. R.O.W., c/o Caribou Ln., and Providence Dr., 1155 Darlington Ct., 1289 New Britton Dr., across from 4695 Olmstead Dr., across from 1800 Pebblewood Ln., 3895 Huntington Blvd., Charlemagne Dr. W. R.O.W., (4) Lakewood Blvd. R.O.W., 5000 Castaway Ln., across from 4695 Olmstead Dr., and NE c/o Opal Dr. and Olmstead Dr.
3. Repaired broken seasonal banner on Moon Lake Blvd. R.O.W.
4. Installed LED street light fixtures at Village Hall parking lot
5. Completed the take down of street light fixtures and poles at old Police Station parking lot
6. Removed tree branches obstructing street light poles Village-wide
7. Performed Village-wide street light inventory
8. Performed Village-wide street light outage inspections
9. Assisted with sign installations at various locations Village-wide
10. Located street light cables for sign installations, storm sewer and water excavations
11. Assisted with asphalt repairs at various locations Village-wide
12. Participated in the Village-wide brush/branch pick-up program
13. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

### FORESTRY TEAM

1. Responded to requests for service; 48 for the month; 735 year-to-date
2. Performed routine tree maintenance, branch pick-ups, tree removals, corrective treatments, inspections, storm damage and tree trimming Village-wide
3. Performed tree and turf equipment maintenance
4. Performed measurement and logging of daily precipitation
5. Performed in-house mowing and contractor mowing follow-up
6. Performed routine maintenance to planting beds at various locations Village-wide
7. Performed duties associated with stump grinding
8. Performed storm sewer inlet cleaning
9. Winterized equipment and placed water tanks in winter storage
10. Performed weeding and tree maintenance in the Grand Canyon retention area
11. Removed watering bags from Prairie Stone Parkway
12. Performed the supervision of the contract tree trim program, 275 trees were trimmed for the month
13. Performed inspections on trees related to Emerald Ash borer and Gypsy Moth
14. Supervised the planting of 165 new and replacement parkway trees
15. Transported vehicles to Safety Lane for testing
16. Participated in the Village-wide brush/branch pick-up program
17. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

## WATER & SEWER

### • STORM SEWER TEAM

1. Responded to 16 service requests for inlet repairs, 101 year-to-date
2. Performed monthly lake/creek checks and maintenance
3. Performed vehicle equipment maintenance
4. Performed yard clean-up and maintenance at Fleet Services facility
5. Continued beaver dam checks east and west of Harmon Blvd.
6. Completed weekly barricade checks
7. Attended chain saw safety training
8. Assisted with CACL containment wall
9. Assisted with sanitary/storm televising for road reconstruction program
10. Assisted with hydrant replacement at 340 Illinois Blvd.
11. Completed inlet repairs at c/o Almond Ln. and Avondale Ln, Pratum Blvd. across from Sears Centre, (2) on Prairie Stone Pkwy. west of Sears Centre, and 3935 Lexington Dr.
12. Participated in the Village-wide brush/branch pick-up program
13. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

### • OPERATIONS TEAM

1. Collected (60) monthly water samples for bacteriological testing and (7) raw well water samples and no water quality complaints
2. Performed weekly well and lift station checks
3. Exercised wells, discharged to waste
4. Collected JAWA and Interzone pump readings
5. Performed monthly sump pump maintenance at all wells, lift stations, towers and JAWA pits
6. Assembled monthly water usage and IEPA water report
7. Performed electrical work and trouble inspections at Village-owned buildings
8. Performed back-up generator maintenance at lift stations, pumping stations, radio system locations and Village buildings
9. Monitored water construction and water operating permits including water pressure tests and bacteriological testing
10. Performed maintenance on Western Development Area lift station up-blast fan
11. Continued installation of new monitoring equipment for SCADA system at water sites and lift stations
12. Completed all water storage cathodic protection checks
13. Lengthened driveway at Well 10 to accommodate use of 900 KW generator
14. Participated in the Village-wide brush/branch pick-up program

- CONSTRUCTION / MAINTENANCE TEAM

1. Performed water and sewer excavation barricade checks at various locations Village-wide
2. Performed clean-up of spoil bins at Fleet Services facility
3. Performed clean-up of spoils at water tower T-6
4. Performed fire hydrant replacements at 340 Illinois Blvd., 100 Illinois Blvd. and 15 Payson St.
5. Performed a water main repair at 540 W. Berkley Ln.
6. Performed water/sewer restoration site inspections at various locations Village-wide
7. Performed curb and sidewalk framing for concrete replacement at 1440 Michelline Ct.
8. Performed B-box maintenance at 2055 Kettering Rd.
9. Assisted with storm sewer repair at the c/o Almond Ln. and Avondale Ln.
10. Performed storm sewer, lake and creek checks
11. Installed 5' fencing around the CACL tanks at Fleet Services
12. Transported vehicles for Safety Lane testing
13. Participated in the Village-wide brush/branch pick-up program
14. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- SANITARY SEWER FLOW MANAGEMENT TEAM

1. Flushed 4,432 feet of main sewer lines, 170,902 feet year-to-date
2. Updated maps of trouble areas, viewed manhole locations, televising, flushing and root cutting
3. Performed maintenance on Units #40 and #67
4. Applied liquid and dry microbe formula for enhancement of wastewater treatment systems
5. Monitored St. Alexius Hospital waste discharge for chronic foreign debris discharge
6. Performed maintenance and repair on sewer televising equipment
7. Assisted cleaning pipe for mandrill test on Frederick Ln.
8. Performed TV inspection on sewer line on Highland Blvd., Apple St., and Hawthorn Ln.
9. Completed quarterly trouble spot list
10. Assisted in the location of manhole on Shoe Factory Rd., by railroad tracks
11. Inspected manholes at Poplar Creek Golf Course due to grading and construction
12. Continued to clean and televise Hawthorn Ln. sanitary sewer lines due to excessive gravel
13. Participated in the Village-wide brush/branch pick-up program
14. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- STORM SEWER CLEANING/UTILITY LOCATE TEAMS

1. Vacuumed and flushed 9,184 feet of storm sewer year-to-date
2. Performed leak investigations
3. Completed gas monitor calibrations
4. Completed sanitary sewer service inspections at 1010 Firestone Dr., 3670 Lexington Dr., and 715 Randi Ln.
5. Performed routine vehicle and equipment maintenance
6. Performed 30-day sod restoration inspections at various locations Village-wide
7. Performed shut down of Poplar Creek Golf Course water main valve for contractor project
8. Adjusted water main valve structures at 900 Hassell Rd., 840 and 870 Rosedale Ln., 540 W. Berkley Ln., Ash Rd. and Bluebonnet Ln., Holbrook Ln. and Greystone Pl., and Ashland St. and E. Thacker St.
9. Watered, sodded and seeded restoration sites at various locations Village-wide
10. Replaced fire hydrants at 15 Payson St., 100 and 340 Illinois Blvd.
11. Vacuumed stump grindings at various locations Village-wide
12. Vacuumed and flushed storm sewer in the vicinity of Pratum Blvd., by the Sears Arena
13. Shut down water main at Barrington Square Animal Hospital for contractor
14. Adjusted sanitary sewer manhole on Whispering Trails Ct.
15. Repaired water main valve at Bode Rd. and Washington Blvd.
16. Repaired B-box at 375 Newark Ln.
17. Participated in the Village-wide brush/branch pick-up program

- CUSTOMER SERVICE/METER TEAM

1. Performed 22 Water Billing customer service appointments at various locations Village-wide
2. Performed 231 water meter readings related to actual/finals/investigatory concerns generated through the Finance Department
3. Performed inter-office mail delivery services
4. Performed water meter readings for 15,651 billing accounts
5. Performed 118 water turn-off and turn-ons for delinquent service billing accounts
6. Repaired 22 vault water meters in Parcels A and B
7. Performed corrective water meter repairs for 20 service requests
8. Assisted with J.U.L.I.E. locates
9. Performed Meter Interface Unit repairs
10. Checked (8) B-boxes in conjunction with road reconstruction project
11. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

# *Public Works Monthly Regular Hours Work Unit Report - October 2010*

<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
<b>ADMINISTRATION</b>		
	BENEFIT TIME USE	11.00
	GIS	157.00
	<i>Total Hours for Work Unit</i>	<i>168.00</i>
<b>ADMINISTRATION</b>		
	BENEFIT TIME USE	16.00
	SUPERVISION	152.00
	<i>Total Hours for Work Unit</i>	<i>168.00</i>
<b>FACILITIES</b>		
	BENEFIT TIME USE	96.00
	BUILDING EQUIPMENT	160.00
	BUILDING MAINTENANCE	52.50
	CALL DUTY	29.00
	FLEET SERVICES	3.50
	MEETING SET UP	8.00
	METER MAINTENANCE	2.00
	MISC. SITE MAINTENANCE	233.50
	MISC. STREET MAINT.	1.00
	NON-DIV. BLDG. MAINT.	54.50
	SAN. SEWER MAINT.	6.00
	SEARS CENTRE ARENA	9.50
	SNOW & ICE MAINT.	2.50
	SUPERVISION	38.00
	TREE MAINTENANCE	5.00
	<i>Total Hours for Work Unit</i>	<i>701.00</i>

<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
FLEET SERVICES		
	BENEFIT TIME USE	123.00
	CALL DUTY	41.00
	FLEET SERVICES	560.25
	GARAGE MAINT.	1.50
	SUPERVISION	153.25
	TRAINING	2.00
	<i>Total Hours for Work Unit</i>	<i>881.00</i>
ST-FAST		
	CALL DUTY	12.00
	CURB REPAIR / REPL.	3.00
	EQUIPMENT MAINT.	2.00
	MISC. STREET MAINT.	109.00
	SIDEWALK MAINT./CONST.	19.00
	TRAINING	8.00
	TREE MAINTENANCE	19.00
	<i>Total Hours for Work Unit</i>	<i>172.00</i>
ST-FORESTRY/GROUNDS		
	BENEFIT TIME USE	122.00
	CALL DUTY	2.00
	EQUIPMENT MAINT.	105.50
	GARAGE MAINT.	20.50
	OTHER	3.50
	SUPERVISION	168.00
	TREE MAINTENANCE	862.00
	TURF MAINTENANCE	230.50
	<i>Total Hours for Work Unit</i>	<i>1514.00</i>



<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
ST-STORM SEWER		
	BENEFIT TIME USE	24.00
	CALL DUTY	3.00
	CURB REPAIR / REPL.	2.00
	GARAGE MAINT.	4.00
	HYDRANT MAINT.	16.00
	JETTING / WASHDOWN	4.00
	SIDEWALK MAINT./CONST.	17.00
	SNOW & ICE MAINT.	14.00
	STORM SEWER CONST.	191.00
	STORM SEWER MAINT.	16.00
	TRAINING	16.00
	TREE MAINTENANCE	32.00
	<i>Total Hours for Work Unit</i>	<i>339.00</i>
ST-TRAFFIC OPERATION		
	ASPHALT REPAIRS	219.50
	BENEFIT TIME USE	159.00
	CALL DUTY	32.00
	EQUIPMENT MAINT.	58.50
	GARAGE MAINT.	35.00
	MISC. STREET MAINT.	40.00
	SNOW & ICE MAINT.	34.50
	STREET LIGHT MAINT.	201.50
	SUPERVISION	148.00
	TRAFFIC CONTROL	159.00
	TRAINING	12.50
	TREE MAINTENANCE	604.50
	<i>Total Hours for Work Unit</i>	<i>1704.00</i>

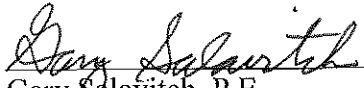
<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
W/S-CUSTOMER SERVICE		
	B-BOX MAINT.	12.50
	BENEFIT TIME USE	88.00
	CALL DUTY	44.00
	CUSTOMER SERVICE	121.50
	EQUIPMENT MAINT.	9.00
	GARAGE MAINT.	3.00
	METER MAINTENANCE	60.50
	METER READING	100.25
	MISC. SITE MAINTENANCE	8.00
	MISC. STREET MAINT.	57.25
	NON-DIV. BLDG. MAINT.	18.50
	OTHER	6.50
	SAN. SEWER MAINT.	14.00
	SIDEWALK MAINT./CONST.	4.00
	SNOW & ICE MAINT.	2.50
	SPECIAL EVENTS	4.00
	STREET LIGHT MAINT.	3.00
	SUPERVISION	108.00
	TRAFFIC CONTROL	1.00
	TRAINING	48.00
	TREE MAINTENANCE	105.00
	UTILITY LOCATES	238.50
	WATER MAIN MAINT.	3.00
	<i>Total Hours for Work Unit</i>	<i>1060.00</i>

<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
W/S-ELECT/MECHANICAL		
	BENEFIT TIME USE	105.50
	CALL DUTY	51.00
	EQUIPMENT MAINT.	35.50
	GARAGE MAINT.	16.00
	LIFT STATION MAINT.	425.50
	MISC. STREET MAINT.	2.50
	NON-DIV. BLDG. MAINT.	26.00
	OTHER	1.00
	SAN. SEWER MAINT.	153.00
	SEWER SERVICE INSP.	67.00
	SIDEWALK MAINT./CONST.	3.00
	SNOW & ICE MAINT.	26.50
	SPECIAL EVENTS	7.00
	STREET LIGHT MAINT.	2.00
	SUPERVISION	152.00
	TRAINING	40.00
	TREE MAINTENANCE	249.00
	WATER DIST & REG COMPL	136.50
	WELL MAINT.	72.00
	<i>Total Hours for Work Unit</i>	<i>1571.00</i>
W/S-FAST		
	BENEFIT TIME USE	16.00
	CALL DUTY	17.00
	CUSTOMER SERVICE	19.00
	EQUIPMENT MAINT.	12.00
	METER MAINTENANCE	8.00
	MISC. STREET MAINT.	108.00
	PORTABLE MESSAGE BOARD	4.00
	SIDEWALK MAINT./CONST.	63.00
	TREE MAINTENANCE	106.00
	<i>Total Hours for Work Unit</i>	<i>353.00</i>

<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
W/S-FAST SEASONAL		
	CURB REPAIR / REPL.	3.00
	MISC. STREET MAINT.	35.00
	SIDEWALK MAINT./CONST.	2.00
	<i>Total Hours for Work Unit</i>	<i>40.00</i>
W/S-MAINT/CONST		
	B-BOX MAINT.	44.00
	BENEFIT TIME USE	156.00
	CALL DUTY	80.00
	CURB REPAIR / REPL.	1.00
	EQUIPMENT MAINT.	70.00
	GARAGE MAINT.	107.50
	HYDRANT MAINT.	114.50
	JETTING / WASHDOWN	4.00
	OTHER	28.00
	SAN. SEWER MAINT.	26.00
	SEARS CENTRE ARENA	5.00
	SEWER SERVICE INSP.	97.50
	SIDEWALK MAINT./CONST.	3.50
	SNOW & ICE MAINT.	64.50
	STORM SEWER CONST.	248.50
	STORM SEWER MAINT.	53.00
	SUPERVISION	136.00
	TRAINING	16.00
	TREE MAINTENANCE	337.00
	VALVE MAINT.	79.00
	WATER MAIN MAINT.	73.50
	<i>Total Hours for Work Unit</i>	<i>1744.50</i>

**TRANSPORTATION AND ENGINEERING DIVISION  
DEPARTMENT OF DEVELOPMENT SERVICES  
NOVEMBER MONTHLY REPORT**

Attached is the second installment of the Department of Development Services Monthly Report for Transportation and Engineering for the period ending November 19, 2010.

  
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Gary Salavitch, P.E.  
Director of Engineering

**MISCELLANEOUS**

- Staff has provided floodplain information to one resident in the last month.
- There have been 7 drainage inspections for drainage investigations, room additions, backyard garages and driveway additions.

**PROJECT STATUS**

**2010 Street Revitalization Project** – All streets are complete including restoration. Punch list work is now complete. Village Project Manager – Marty Salerno

**2011 Street Revitalization Project** – Survey and data gathering ongoing. Auto Cad drawings are being produced. The street project team is preparing survey and drawings for additional streets if funding becomes available. Village Project Manager – Marty Salerno

**Airdrie Estates** – No change in the last month. No site work and there are no building permits for this 21 lot subdivision. All storm, water main and sanitary are complete along with the road to the binder asphalt. Village Project Manager – Terry White.

**Americare Nursing** – Utilities are complete and tested. Building work is ongoing. Parking lot is complete to the binder level. Village Project Manager – Terry White.

**Autumn Woods** – The MWRD Sanitary agreement expired. Kenar is restoring the mass grading in the disturbed areas. Soil erosion control is ongoing. Minor storm sewer completed. Village Project Manager – Terry White.

**Beacon Pointe Subdivision** – The Village is proceeding with acceptance of Beacon Pointe subdivision. All punch lists are in the process of completion by Ryland. Beacon Pointe interior roads are complete to the binder level. Utility punch list completed. Pavement, curb and sidewalk are restored. House construction is ongoing for the remaining lots. Village Project Manager – Gary Salavitch.

**Beacon Pointe Drive Extension** – Acceptance inspections are complete. Pavement work is complete. The Village received letter of credit funds to complete this project. Landscaping will wait until spring. Village Project Manager – Gary Salavitch.

**Devonshire Woods Estates** –The bank now owns this project. It was agreed to accept the north half and re-subdivide the south half to one lot. Some punch list work still being considered this fall. House construction has stopped. (46 remaining home sites). Road construction is complete to the binder level for the north half and all utility installations are complete for the site. Village Project Manager – Gary Salavitch.

**EJ&E / CN Acquisition Project** – Staff is working on the Noise Abatement Wall project as well as intersection improvements at Shoe Factory Road. Construction on the Spur Track project is ongoing. Progress has been slow due to a creek relocation permit and CN requirements on the proposed bike path. The advance warning project was bid out last month. Village Project Manager – Gary Salavitch.

**Hassell Road Culverts** – Hey and Associates has started surveying and design work on the culvert replacement project. This is being done with the STP street reconstruction project. Village Project Manager – Gary Salavitch.

**Heidner Commercial** – Plans reviewed, project approved and waiting for construction which is now planned for next spring. Some work on the water main to start on November 18. Village Project Manager – Gary Salavitch.

**Highland, Jones, Frederick Sanitary Improvements** – Construction on Frederick is now complete including the poorly constructed sanitary sewer being replaced. Work is complete in other areas. Frederick Lane has settled considerably and staff is monitoring the extent. Pavement and curb restoration is nearing completion. Punch list inspections scheduled for end of November. Village Project Manager – Terry White.

**Jones Highland Drainage Solution** – Working with consultant on design alternatives. A report is due in November. Village Project Manager – Gary Salavitch.

**Police Station** – Building and site work complete. As-builts required and minor punch list work is outstanding. Village Project Manager – Terry White.

**Poplar Creek Golf Course** – Earthwork and major site work is nearing completion. Two fire hydrants were relocated. Sanitary manholes must be raised to grade. Village Project Manager – Terry White.

**St. Alexius Hospital** – Parking garage water main relocation is complete. The temporary parking lot is complete. Work is ongoing on the parking garage expansion. Temporary heliport is complete and curb work is ongoing. Village Project Manager – Terry White.

**Yorkshire Woods** – All utilities are complete and streets are now complete. Village acceptance inspections are complete and transmitted to the bonding company. Acceptance work is ongoing by the bonding company. Village Project Manager – Gary Salavitch.

**Water Tower** – Site work and interior work are ongoing. All painting is complete. Village Project Manager – Terry White.