

AGENDA
PUBLIC WORKS & UTILITIES COMMITTEE
Village of Hoffman Estates
April 26, 2010

7:30 p.m.

Members: Jacquelyn Green, Chairperson
Roll Call: 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 – March 22, 2010
April 12, 2010 Special

NEW BUSINESS

1. Discussion regarding Tree City USA recognition.
2. Request authorization to award contract for 2010 Contracted Parkway Tree Trimming Program to Steve Piper & Sons, Inc, Naperville, IL (low bid), in an amount not to exceed \$55,000.
3. Request authorization for bulk-purchase of Neptune meters according to proposed 2010 extension of the three year pricing agreement and to waive formal bidding for the purchase of non-bulk and non-uniform sized Neptune meters from Water Resources, Inc., Elgin, IL (sole supplier) at 2010 unit prices, in an amount not to exceed \$66,400.
4. Request authorization to extend 2009 contract for 2010 Concrete Maintenance Program to Strada Construction Co., Addison, IL (low bid) at a unit price of \$7.99 per square foot for sidewalk and \$23.00 per lineal foot for curb replacements, in an amount not to exceed \$27,320.
5. Request authorization to award contract for Joint Construction Project with the Village of Schaumburg for abandonment of three lift stations and installation of new joint gravity sewer to George W. Kennedy Construction Co., Inc, Park City, IL, in an amount not to exceed \$1,135,432.
6. Request authorization for Change Order #1 for additional construction services for new T-7 water tower to Chicago Bridge and Iron Inc., Bolingbrook, IL, in an amount not to exceed \$132,504.
7. Request authorization to extend 2009 contract for 2010-2011 Janitorial Maintenance Service for Village Hall, Bruce C. Lind Complex, Sue Kenley-Rupnow Center and Fleet Services Facility, including periodic cleaning extras, and add new services to contract for periodic cleaning of public space and EOC at Station #24, to Alpha Building Maintenance Service, Homer Glen, IL, in an amount not to exceed \$93,800.

8. Request acceptance of the Department of Public Works Monthly Report.
9. 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

The Village of Hoffman Estates complies with the Americans with Disabilities Act (ADA). For accessibility assistance call the ADA Coordinator at 847/882-9100.

Village of Hoffman Estates

DRAFT

**PUBLIC WORKS & UTILITIES
COMMITTEE MEETING MINUTES**

March 22, 2010

I. Roll Call

Members in Attendance:

Jacquelyn Green, Chairmain
Anna Newell, Vice-Chairman
Trustee Karen Mills

**Other Corporate Authorities
in Attendance:**

Trustee Ray Kincaid
Trustee Gary Pilafas (via phone)
Village President William McLeod

**Management Team Members
in Attendance:**

Dan O'Malley, Deputy Village Manager
Arthur Janura, Corporation Counsel
Mark Koplin, Asst. Vlg. Mgr., Dev. Services
Peter Gugliotta, Director of Planning
Don Plass, Director of Code
Patrick Seger, HRM Director
Robert Gorvett, Fire Chief
Clint Herdegen, Police Chief
Algean Garner, Director of HHS
Ken Hari, Director of Public Works
Michael DuCharme, Director of Finance
Rachel Musiala, Asst. Director of Finance
Gordon Eaken, Director of IS
Bev Romanoff, Village Clerk
Rebecca Suhajda, Administrative Intern

Others in Attendance

Reporter from *Daily Herald* and *Chicago Tribune*

The Public Works & Utilities Committee meeting was called to order at 9:18 p.m.

II. Approval of Minutes

Motion by Mayor McLeod, seconded by Trustee Mills, to approve the Public Works & Utilities Committee meeting minutes of February 22nd, 2010.

Roll Call:

Aye: Mills, Kincaid, Green, Newell, Pilafas

Nay:

Absent: Collins

Mayor McLeod voted Aye.

Motion carried.

Motion by Mayor McLeod, seconded by Trustee Newell, to approve the Public Works & Utilities Committee meeting minutes of March 15, 2010, Special Meeting.

Roll Call:

Aye: Mills, Kincaid, Green, Newell, Pilafas

Nay:

Absent: Collins

Mayor McLeod voted Aye.

Motion carried.

NEW BUSINESS

- 1. Request approval for Historical Sites Commission to proceed with April 10 & 11, 2010 Greve Cemetery Tours; June 27, 2010, Sunderlage Open House; October 16, 2010, Pumpkin Fest; October 23 & 24, 2010, Greve Cemetery Tours and December 11, 2010, Teddy Bear Holiday Party, in an amount not to exceed \$720.**

An item summary sheet from Kenneth Hari and Paul Petrenko was presented to Committee.

Motion by Trustee Mills, seconded by Trustee Kincaid, to approve Historical Sites Commission to proceed with April 10 & 11, 2010 Greve Cemetery Tours; June 27, 2010, Sunderlage Open House; October 16, 2010, Pumpkin Fest; October 23 & 24, 2010, Greve Cemetery Tours and December 11, 2010, Teddy Bear Holiday Party, in an amount not to exceed \$720.

Roll Call:

Aye: Mills, Kincaid, Green, Newell, Pilafas

Nay:

Absent: Collins

Mayor McLeod voted Aye.

Motion carried.

- 2. Request approval of Change Order No. 1 to the professional services contract with V3 Companies of Woodridge, IL for design and construction inspection services at Higgins Road and Prairie Stone Parkway, in an amended cost not to exceed \$67,974.38.**

An item summary sheet from Michael Hankey was presented to Committee.

Trustee Kincaid requested that when the light goes up that he'd like to see a sign that says "Higgins Road" on the traffic light pole.

Motion by Trustee Mills, seconded by Mayor McLeod, to approve Change Order No. 1 to the professional services contract with V3 Companies of Woodridge, IL for design and construction

inspection services at Higgins Road and Prairie Stone Parkway, in an amended cost not to exceed \$67,974.38.

Roll Call:

Aye: Mills, Kincaid, Green, Newell, Pilafas

Nay:

Absent: Collins

Mayor McLeod voted Aye.

Motion carried.

3. Request acceptance of the Department of Public Works Monthly Report.

An item summary sheet from Ken Gomoll, Joe Nebel and Ken Hari was presented to Committee.

Motion by Trustee Mills, seconded by Trustee Newell, to accept the Department of Public Works Monthly Report.

Roll Call:

Aye: Mills, Kincaid, Green, Newell, Pilafas

Nay:

Absent: Collins

Mayor McLeod voted Aye.

Motion carried.

4. Request acceptance of the Department of Development Services Monthly Report for the Transportation and Engineering Division.

An item summary sheet from Gary Salavitch was presented to Committee.

Motion by Mayor McLeod, seconded by Trustee Newell, to accept the Department of Development Services Monthly Report for the Transportation and Engineering Division.

Roll Call:

Aye: Mills, Kincaid, Green, Newell, Pilafas

Nay:

Absent: Collins

Mayor McLeod voted Aye.

Motion carried.

III. President's Report

IV. Other

Trustee Kincaid stated that the Zoning Board of Approvals was planning to meet on April 5 and that Trustee Kincaid heard that the dates would be changing.

V. Items in Review

VI. Adjournment

Trustee Collins entered the meeting.

Motion by Trustee Mills, seconded by Trustee Newell, to adjourn the meeting at 9:23 p.m.

Roll Call:

Aye: Mills, Collins, Kincaid, Green, Newell, Pilafas

Nay:

Absent:

Mayor McLeod voted Aye.

Motion carried.

Minutes submitted by:

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

Date

**SPECIAL PUBLIC WORKS & UTILITIES
COMMITTEE MEETING MINUTES**

April 12, 2010

I. Roll Call

Members in Attendance:

**Cary Collins, Chairperson
Ray Kincaid, Vice Chairperson
Gary Pilafas, Trustee
Karen Mills, Trustee
Jackie Green, Trustee
Anna Newell, Trustee
William McLeod, Mayor**

**Management Team Members
in Attendance:**

**Dan O'Malley, Deputy Village Manager
Arthur Janura, Corporation Counsel
Mark Koplin, Asst. Vlg. Mgr., Dev. Services
Don Plass, Director of Code
Mike Hankey, Director of Transportation
Peter Gugliotta, Director of Planning
Patrick Seger, Director of HRM
Ben Gibbs, Sears Centre
Gary Skoog, Economic Development Coord.
Ken Hari, Director of Public Works
Bruce Anderson, CATV Coordinator
Rebecca Suhajda, Administrative Intern**

Others in Attendance

Reporter from Daily Herald & Chicago Tribune

The Special Public Works & Utilities Committee meeting was called to order at 8:35 p.m.

NEW BUSINESS

1. **Request authorization to award contract for 2010 landscape maintenance, at referenced sites, to Classic Landscape, LTD, West Chicago, IL (low qualified bid) for the following: Police Department (Gannon Drive), \$500 per month; Police Department (Route 72) \$460 per month; Village Hall, \$1,200 per month; Fire Stations #21, #22 and #23, \$560 per month; Fire Station #24 (Pratum Avenue), \$300 per month; Fire Station #24 (Beacon Pointe Drive), \$320 per month; and Sears Centre Arena, \$1,650 per month.**

An item agenda summary sheet from Ken Hari and Joe Nebel was presented to Committee.

Trustee Collins inquired what Classic Landscape will be doing at the Sears Centre and Ken Hari responded that they will do the mowing, mulching, etc. of the landscaped areas. Mr. Gibbs stated that Jani-King will be cleaning the parking lot areas after an event, but does not handle landscaping duties.

Trustee Kincaid inquired how the Village could get more smaller, local companies to bid on landscape services. Ken Hari stated that this bid is well advertised in the newspapers.

Motion by Trustee Mills, seconded by Trustee Pilafas, to award contract for 2010 landscape maintenance to Classic Landscape, LTD, West Chicago, IL (low qualified bid) for the following sites: Police Department (Gannon Drive), \$500 per month; Police Department (Route 72) \$460 per month; Village Hall, \$1,200 per month; Fire Stations #21, #22 and #23, \$560 per month; Fire Station #24 (Pratum Avenue), \$300 per month; Fire Station #24 (Beacon Pointe Drive), \$320 per month; and Sears Centre Arena, \$1,650 per month. Voice vote taken. All ayes. Motion carried.

II. Adjournment

Motion by Trustee Pilafas, seconded by Trustee Mills, to adjourn the meeting at 8:43 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Debbie Schoop, Executive Assistant

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Discussion regarding Tree City USA recognition.

MEETING DATE: April 26, 2010

COMMITTEE: Public Works & Utilities

FROM: Kenneth Hari, Director of Public Works
Joseph Nebel, Superintendent of Operations
Kelly Kerr, Village Forester

PURPOSE: To provide background information as to the process performed annually to fulfill requirements for re-certification as a Tree City USA community.

BACKGROUND: The National Arbor Day Foundation requires municipalities aspiring to be recognized as a Tree City USA community to annually satisfy a list of four (4) standards. These standards are:

- 1) A Tree Board or Department
- 2) A Community Tree Ordinance
- 3) A Forestry Program with at least \$2 per capita for tree care
- 4) An Arbor Day Observance and Proclamation

An application with written documentation is submitted to the Illinois Department of Natural Resources (IDNR) each December for review and preliminary approval. The IDNR verifies that requirements have been met and forwards the application and documentation to the National Arbor Day Foundation for final approval. Notification of preliminary approval is commonly received in late January with final approval issued through the IDNR in March recognizing all of the qualifying Illinois municipalities.

DISCUSSION:

On March 23, 2010, the Village of Hoffman Estates was notified that it has been awarded its nineteenth consecutive Tree City USA recognition.

The Annual Tree City USA Community designation is reflective of the level of stewardship necessary to build greener communities for today and tomorrow, continuously enhancing the beauty and value of Hoffman Estates property, both public and private.

FINANCIAL IMPACT:

In accordance with Village budget.

RECOMMENDATION:

For discussion purposes.

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to award contract for 2010 Contracted Parkway Tree Trimming Program to Steve Piper & Sons, Inc, Naperville, IL (low bid), in an amount not to exceed \$55,000.

MEETING DATE: April 26, 2010

COMMITTEE: Public Works & Utilities

FROM: Kenneth Hari, Director of Public Works
Joseph Nebel, Superintendent of Operations

PURPOSE: To maintain proper visibility and safety for vehicular and pedestrian traffic, to promote health and vitality for disease resistance and attack from destructive insect pests, to regulate and encourage proper growth, reduce wind and snow/ice damage and to improve aesthetic characteristics for neighborhood beautification.

BACKGROUND: The 2010 budget includes funding for the use of (annual) contractor assisted tree trimming to augment the current in-house tree trimming program. This tree trimming program permits needed maintenance to occur on regularly scheduled intervals. It enables the timely removal of existing and potential hazardous conditions. Contractor help also assists with providing the care necessary for the strong development and health of Village parkway trees. In addition, the vendor work permits increased time and ability of Village team members to address residents' requests for service.

Since the program's implementation in the fall of 1999, in excess of 6,500 parkway trees have been trimmed in older growth areas of the Village including Parcels B and C, Highpoint, PIE, Highlands, Winston Knolls and the Evergreen subdivision. It has been noted that areas receiving this maintenance experience a dramatic decrease in resident requested in-house trimming operations and storm damage.

BACKGROUND, continued

The 2010 budget allocates funds for a contracted parkway tree trimming program. Specifications were prepared and mailed requesting bids from contractors for the performance of this work and included options, solely for the Village's future consideration, for extension of the contract for the respective 2011 and 2012 seasons. These projected, future, costs are reviewed in the recommendation for 2010 contract award. The value of potential contract extension, based upon vendor contract performance during the then current season has been proven. The better care the successful contractor provides for the sites this year, in order that he attain VOHE's contract extension for the next season, the better the cumulative effect that this improved care level has upon VOHE properties. The Village has the sole option to extend vendor contracts and staff shall recommend that 2011 and 2012 contractor bid extensions be held open for the Village Board to revisit in the future as funding availability is unknown at this time.

DISCUSSION:

On March 24, 2010, the Village Clerk opened eight (8) bid proposals. A 5% bid deposit was required of all bidders with a 100% performance bond being required, from the successful bidder, at time of contract awarding. Following a comparison of the eight (8) bids received, it was determined that Steve Piper & Sons, Inc., Naperville, IL was the low bidder for the primary bid season 2010 as well as alternate bid seasons of 2011 and 2012.

This firm has performed related services for the Village of Hoffman Estates, during the 2006 contract season and has participated with our requests for bids a number of times in the past. Our overall experience with this firm has been satisfactory requiring the need for normal follow up to insure proper site clean-up as well as an occasional reminder for their need to insure that driveway aprons and the street were not obstructed with branches and materials that prevent residents from entering and leaving their property. Steve Piper & Sons, Inc., Naperville, IL has performed like services for a number of other municipalities including Glen Ellyn, Lombard, Lisle, Morton Grove, Naperville, Park Ridge, Wood Ridge, Winnetka and Hinsdale.

Tree maintenance being performed for these other municipalities parallels that to which VOHE is seeking to have contractor carry out. A comparison/tabulation of the ten (10) bid proposals is attached.

FINANCIAL IMPACT:

In 2010, a total of \$55,000 has been budgeted for contractor assisted tree trimming. The low qualifying bid received was in the amount of \$42,038 based on an *estimated quantity* of trees to be trimmed. This quantity was for the purpose of comparing bids only. The Village reserved the right to change, add or delete quantities of trees to be trimmed as it deems necessary. The amount of contracted tree trimming to be performed each year will be entirely conditioned upon the total amount of funds budget allocated for the program each fiscal year. This was indicated in the bid specifications. Based on these specification requirements bidders submitted prices per tree to be trimmed by tree size class as indicated on the attached tabulation of bids form.

Given our ability to control the quantity of trees the contractor will trim, staff can cause the contract sum to be equal to that of the annual funding allocation.

RECOMMENDATION:

Request authorization to award contract for 2010 Contracted Parkway Tree Trimming Program to Steve Piper & Sons, Inc, Naperville, IL (low bid), in an amount not to exceed \$55,000.

Note: Bid specifications and proposals in white binder in Trustee's Ante Room.

STATE OF ILLINOIS
 VILLAGE OF HOFFMAN ESTATES
 TABULATION OF BIDS
 CONTRACTOR PARKWAY TREE TRIMMING 2010

County: Cook		24-Mar-10		Asplundh		Davey Tree Experts		The Care of Trees		Powell Tree Care Inc		Winkler's Tree & Landscaping Inc		
Municipality or Road District: Hoffman Estates		Time: 10:00 AM												
Section:		Appropriation \$												
Estimate \$		Attended by: Kelly Kerr												
Proposal Guarantee:			Bid Bond / Bid Check			Yes			Yes			Yes		
Terms: Bid Deposit Check Yes/NO														
Items		Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
Parkway Tree Trimming 2010		Est.												
		Qty.												
Size Class A (4" to 12")		350	\$47.98	\$16,793.00	\$30.00	\$10,500.00	\$30.00	\$10,500.00	\$34.56	\$12,096.00	\$19.71	\$6,898.50		
Size Class B (12.1" to 18")		570	\$74.97	\$42,732.90	\$50.00	\$28,500.00	\$52.00	\$29,640.00	\$34.56	\$19,699.20	\$32.67	\$18,621.90		
Size Class C (18.1" to 24")		430	\$86.21	\$37,070.30	\$50.00	\$21,500.00	\$63.00	\$27,090.00	\$34.56	\$14,860.80	\$39.73	\$17,083.90		
Size Class D (24.1" to 30")		170	\$149.94	\$25,489.80	\$50.00	\$8,500.00	\$81.00	\$13,770.00	\$34.56	\$5,875.50	\$45.91	\$7,804.70		
Size Class E (30.1" to 36")		35	\$199.92	\$6,997.20	\$60.00	\$2,100.00	\$100.00	\$3,500.00	\$46.50	\$1,627.50	\$55.87	\$1,955.45		
Size Class F (36" plus)		10	\$199.92	\$1,999.20	\$85.00	\$850.00	\$100.00	\$1,000.00	\$75.25	\$752.50	\$59.78	\$597.80		
			\$758.94	\$131,082.40	\$325.00	\$71,950.00	\$426.00	\$85,500.00	\$259.95	\$54,911.20	\$293.87	\$52,962.25		
Alternate Bid 2011 Season		Est.												
		Qty.												
Size Class A (4" to 12")		460	\$49.90	\$22,954.00	\$32.00	\$14,720.00	\$30.90	\$14,214.00	\$35.67	\$16,408.20	\$20.51	\$9,434.60		
Size Class B (12.1" to 18")		520	\$77.97	\$40,544.40	\$52.00	\$27,040.00	\$53.56	\$27,851.20	\$35.67	\$18,548.40	\$33.34	\$17,336.80		
Size Class C (18.1" to 24")		370	\$89.66	\$33,174.20	\$52.00	\$19,240.00	\$64.89	\$24,009.30	\$35.67	\$13,197.90	\$40.40	\$14,948.00		
Size Class D (24.1" to 30")		90	\$155.94	\$14,034.60	\$52.00	\$4,680.00	\$83.43	\$7,508.70	\$35.67	\$3,210.30	\$45.38	\$4,084.20		
Size Class E (30.1" to 36")		20	\$207.91	\$4,158.20	\$62.00	\$1,240.00	\$103.00	\$2,060.00	\$47.50	\$950.00	\$56.63	\$1,132.60		
Size Class F (36" plus)		10	\$207.91	\$2,079.10	\$87.00	\$870.00	\$103.00	\$1,030.00	\$76.25	\$762.50	\$60.38	\$603.80		
			\$759.29	\$118,944.50	\$327.00	\$67,900.00	\$458.75	\$106,873.20	\$286.45	\$53,877.20	\$258.64	\$47,580.00		
Alternate Bid 2012 Season		Est.												
		Qty.												
Size Class A (4" to 12")		310	\$51.89	\$16,085.90	\$35.00	\$10,850.00	\$31.83	\$9,867.30	\$36.78	\$11,401.80	\$21.00	\$6,510.00		
Size Class B (12.1" to 18")		440	\$81.09	\$35,679.60	\$55.00	\$24,200.00	\$55.16	\$24,270.40	\$36.78	\$16,183.20	\$33.78	\$14,863.20		
Size Class C (18.1" to 24")		380	\$93.25	\$35,435.00	\$55.00	\$20,900.00	\$66.84	\$25,399.20	\$36.78	\$13,976.40	\$41.20	\$15,656.00		
Size Class D (24.1" to 30")		130	\$162.18	\$21,083.40	\$55.00	\$7,150.00	\$85.93	\$11,170.90	\$36.78	\$4,781.40	\$46.15	\$5,999.50		
Size Class E (30.1" to 36")		40	\$216.23	\$8,649.20	\$64.00	\$2,560.00	\$106.09	\$4,243.60	\$47.50	\$1,900.00	\$57.40	\$2,298.00		
Size Class F (36" plus)		0	\$216.23	\$0.00	\$90.00	\$0.00	\$0.00	\$0.00	\$76.25	\$0.00	\$0.00	\$0.00		
			\$820.87	\$116,933.10	\$354.00	\$65,660.00	\$345.65	\$74,951.40	\$270.97	\$48,242.80	\$189.53	\$45,324.70		
Bid Total 2010				\$131,082.40		\$71,950.00		\$85,500.00		\$54,911.20		\$52,962.25		
Total Bid 2011 - Alternate Bid				\$116,944.50		\$67,790.00		\$76,673.20		\$53,077.30		\$47,540.00		
Total Bid 2012 - Alternate Bid				\$116,933.10		\$65,660.00		\$74,951.40		\$48,242.80		\$45,324.70		
Grand Total for all 3 years				\$364,960.00		\$205,400.00		\$237,124.60		\$156,231.30		\$145,826.95		

STATE OF ILLINOIS
 VILLAGE OF HOFFMAN ESTATES
 TABULATION OF BIDS
 CONTRACTOR PARKWAY TREE TRIMMING 2010

2010 SEASON CONTRACTOR TRIMMING

County: Cook		24-Mar-10						
Municipality or Road District: Hoffman Estates		Time: 10 AM Local Time		Robert W. Hendrickson Co.		Steve Piper & Sons		
Section:		Appropriation \$				Nels J Johnson Tree Experts Inc		
Estimate \$		Attended by: Kelly Kerr						
Proposal Guarantee:			Bid Bond /		Yes		Yes	
Terms: Bid Deposit Check Yes/NO			Bid Check				Yes	
Items		Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
Parkway Tree Trimming		Est.						
2010		Qty.						
Size Class A (4" to 12")		350	\$21.25	\$7,437.50	\$13.20	\$4,620.00	\$14.00	\$4,900.00
Size Class B (12.1" to 18")		570	\$35.25	\$20,092.50	\$17.50	\$9,975.00	\$30.00	\$17,100.00
Size Class C (18.1" to 24")		430	\$58.25	\$25,047.50	\$32.25	\$13,867.50	\$40.00	\$17,200.00
Size Class D (24.1" to 30")		170	\$95.25	\$16,192.50	\$60.75	\$10,327.50	\$45.00	\$7,650.00
Size Class E (30.1" to 36")		35	\$135.25	\$4,733.75	\$70.25	\$2,458.75	\$45.00	\$1,575.00
Size Class F (36" plus)		10	\$158.25	\$1,582.50	\$79.00	\$790.00	\$45.00	\$450.00
			\$503.50	\$75,986.25	\$272.35	\$42,038.75	\$239.00	\$48,875.00
Alternate Bid		Est.						
2011 Season		Qty.						
Size Class A (4" to 12")		460	\$21.75	\$10,005.00	\$13.20	\$6,072.00	\$14.00	\$6,440.00
Size Class B (12.1" to 18")		520	\$35.95	\$18,694.00	\$17.50	\$9,100.00	\$30.00	\$15,600.00
Size Class C (18.1" to 24")		370	\$59.45	\$21,996.50	\$32.75	\$12,117.50	\$40.00	\$14,800.00
Size Class D (24.1" to 30")		90	\$97.15	\$8,743.50	\$62.00	\$5,580.00	\$45.00	\$4,050.00
Size Class E (30.1" to 36")		20	\$137.95	\$2,759.00	\$72.35	\$1,447.00	\$50.00	\$1,000.00
Size Class F (36" plus)		10	\$161.40	\$1,614.00	\$81.30	\$813.00	\$60.00	\$600.00
			\$513.65	\$63,812.00	\$279.10	\$35,129.50	\$239.00	\$42,490.00
Alternate Bid		Est.						
2012 Season		Qty.						
Size Class A (4" to 12")		310	\$22.20	\$6,882.00	\$13.60	\$4,216.00	\$14.00	\$4,340.00
Size Class B (12.1" to 18")		440	\$36.65	\$16,126.00	\$18.00	\$7,920.00	\$30.00	\$13,200.00
Size Class C (18.1" to 24")		380	\$60.60	\$23,028.00	\$33.75	\$12,825.00	\$40.00	\$15,200.00
Size Class D (24.1" to 30")		130	\$99.10	\$12,883.00	\$63.85	\$8,300.50	\$45.00	\$5,850.00
Size Class E (30.1" to 36")		40	\$140.70	\$5,628.00	\$74.50	\$2,980.00	\$50.00	\$2,000.00
Size Class F (36" plus)		0	\$164.65	\$0.00	\$100.00	\$0.00	\$60.00	\$0.00
			\$523.60	\$64,547.00	\$303.70	\$36,241.50	\$239.00	\$40,590.00
		Bid Total 2010		\$75,086.25		\$42,038.75		\$48,875.00
		Total Bid 2011 - Alternate Bid		\$63,812.00		\$35,129.50		\$42,490.00
		Total Bid 2012 - Alternate Bid		\$64,547.00		\$36,241.50		\$40,590.00
		Grand Total for all 3 Years		\$203,445.25		\$113,409.75		\$131,955.00

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization for bulk-purchase of Neptune meters according to proposed 2010 extension of the three year pricing agreement and to waive formal bidding for the purchase of non-bulk and non-uniform sized Neptune meters from Water Resources, Inc., Elgin, IL (sole supplier) at 2010 unit prices, in an amount not to exceed \$ \$66,400

MEETING DATE: April 26, 2010

COMMITTEE: Public Works & Utilities

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

PURPOSE: To provide a source for 2010 water meter purchases.

BACKGROUND: The Village has been utilizing the Neptune encoder type water meter for its revenue maintenance program and for new construction since 1981. There is only one supplier in our area providing Neptune meters, Water Resources, Inc. In the past, the meter supplier has been required to hold prices firm for a 12 month period, until notifying the Village, and they have always faithfully honored this requirement. Some item prices quoted in 2010 are the same as in 2009. The Department spot checks the sole supplier competitiveness by reviewing previous years' quotes and by obtaining quotes from other meter manufacturers.

Neptune offers both a meter interface unit and touch pad type (Pro-read) encoder meter for remote reading. In July of 2006, Neptune introduced the new E-Coder register as an upgrade to allow detection of interior leaks, reverse flow and meter tampering. The Village Board authorized the upgrade of meter registers. This new style register has being utilized on all new construction installations as well as current meter replacements at existing buildings.

DISCUSSION:

In March of 2007, Cost Reduction Experts Inc. (CRE), together with Village staff, secured a 10% discount on meter interface units, 5/8" meters and 1" meters with a combined three year purchase agreement that covers FY2007, FY2008 and FY2009. In 2010, through staff's discussion with both Water Resources, Inc. and Neptune representatives, an offer was made to the Village for the extension of the three year pricing agreement for one additional year (FY2010) for the bulk purchase of meter interface units, 5/8" meters and 1" meters. The offer is to keep pricing for 2010 bulk meter purchase at the 2007's discount level. It will allow the Village to save about \$6,000 by accepting the offer and extending the pricing agreement.

Reduced new construction in 2009 caused a surplus of meter inventory resulting in no need for meter purchasing during the first 4 months of 2010. By the end of April however, the Village will need to purchase meter and meter parts for system maintenance and operation. The 2010 water meter service program is summarized as follows:

1. Replace and upgrade of 600 residential vault meters and meter interface units located in Parcel A & Parcel B. These meters have been very often found in submerged condition and the rate of failure is higher due to these conditions. The MIU (meter-interface-unit) was installed for radio read in 2001/2002 with an estimated battery life of 10 – 15 years. The replacement is for both the vault meter with E-coder register and MIU version 3 for more power radiometer read transmission. The first year of a six year replacement program (FY2010), is to replace 100 units at total cost estimate of \$28,500.
2. Begin meter maintenance program for Steeple Hill and Barrington Lake Apartments in 2010. There are a total of 51 commercial meters and staff is repairing an estimated 10 per year due to current and anticipated future failure rate. Staff's plan is to rebuild 16 meter registers in 2010 at a cost of \$650/unit. The estimated cost is \$10,400.
3. Continue routine residential meter maintenance program to replace meters (sizes 5/8" x 3/4" and full 3/4") that are identified as failing during monthly meter readings. For the remainder of 2010, staff projects requiring an additional 190 units for replacement or new construction. The total estimated cost is \$20,000 (\$105/unit).
4. Continue maintenance program for large commercial compound meters. This program covers new construction, replacement of registers, meter chambers, dual check valves and etc. The estimated cost is \$7,500.

FINANCIAL IMPACT:

The total meter maintenance estimated cost for 2010 is \$66,400. The 2010 annual budget for water meter maintenance is \$177,460. Due to the surplus inventory at the end of 2009 and the anticipated below average amount of new construction meters required, staff is requesting a total not to exceed amount of \$66,400.

This funding for meter maintenance supports all programs specific to water meter new construction as well as all repair and maintenance needs of existing meters.

RECOMMENDATION:

Request authorization for bulk-purchase of Neptune meters according to proposed 2010 extension of the three year pricing agreement and to waive formal bidding for the purchase of non-bulk and non-uniform sized Neptune meters from Water Resources, Inc., Elgin, IL (sole supplier) at 2010 unit prices, in an amount not to exceed \$66,400



WATER RESOURCES
INCORPORATED

April 19, 2010

Haileng Xiao
Village of Hoffman Estates
2305 Pembroke Avenue
Hoffman Estates, IL 60195

Dear Haileng,

Thank you, Joe Nebel and Jeff Allen very much for meeting with me on March 9, 2010 to discuss a one-year extension of the current three-year bulk purchase agreement for Neptune water meters and MIU's. Per our discussion, there are some specific types of water meters and parts items that the Village intends to purchase in large quantities this budget year that were not a part of the original agreement. We have therefore added those new items to the agreement and are pleased to submit the following proposal covering the requested items for your 2010 annual requirements.

<u>Items</u>	<u>Price (Each)</u>
5/8" x 3/4" T-10 Meters E-Coder Gallons (Inside Set Version)	\$ 105.45
1" T-10 Meters E-Coder Gallons (Inside Set Version)	\$ 184.30
R900 RF MIU's (V3-Wall Version)	\$ 87.50
5/8" x 3/4" T-10 Meters E-Coder Gallons (Pit Version with R900 pit MIU potted and pre-wired with 25 foot wire length)	\$ 277.50
2" HP Tru-Flo Compound UME's E-Coder Gallons (Pit Version)	\$ 617.50

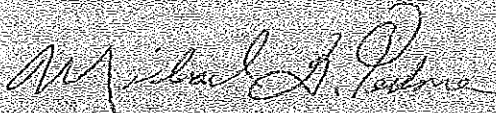
The above pricing for the first three items remains unchanged from the original three-year agreement for fiscal years 2007-2009.

390
Sadler
Avenue,
Elgin, Illinois
60120-8038
847-742-3400
FAX: 847-742-3700

During our meeting, it was disclosed that the Village does anticipate that its purchase commitment will be reduced substantially from its average annual commitment during the '07-'09 period of nearly \$300,000.00-\$350,000.00 spent on the above Neptune products. The Village anticipates that its purchasing ability for Neptune products during the proposed 2010 budget year will be an expenditure of approximately \$65,000.00. With that level of commitment in mind, Neptune and Water Resources have committed to maintaining the same pricing as in the existing agreement provided the Village maintains its commitment to purchase \$65,000.00 in Neptune products during the 2010 budget year. This scenario is ideal for all parties involved and helps to maintain the overall collaborative and team-oriented approach exhibited by the Village, Neptune and Water Resources.

We genuinely appreciate the opportunity to serve the Village of Hoffman Estates and trust the above merits your favorable approval.

Very truly yours,



Michael D. Pedone
Water Resources Inc.

MDP/jt



WATER RESOURCES
INCORPORATED

December 23, 2009

Village of Hoffman Estates
2305 Pembroke Avenue
Hoffman Estates, IL 60195

Attention: Jeff Allen

We are pleased to submit prices covering the Neptune product line for the Village of Hoffman Estates.

These prices will be in effect from February 1, 2010 through January 31, 2011. The pricing structure established three years ago in 2006 for the bulk order products on the three-year agreement with Neptune will remain unchanged. We are able to keep the prices firm on these items due to the Village's expectation of increased meter purchase quantities in 2010 for replacements of aging meters in residential accounts. This includes pricing for 5/8"x3/4" and 1" E-Coder inside set meters as well as wall version R900 RF MIU's.

It has been our pleasure serving the Village these past years and we look forward to furnishing your future meter needs.

Very Truly Yours,

Michael D. Pedone
Water Resources Inc.

MDP/jt

390
Sadler
Avenue,
Elgin, Illinois
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847-742-3400
FAX: 847-742-3700

**Village of Hoffman Estates
2010 Meter Prices**

<u>Disc Meters</u>	<u>Price (Ea.)</u>
5/8x3/4" T-10 Meters E-Coder Gallons (inside set)	\$ 105.45
(pit set)	\$ 150.00
3/4" T-10 Meters E-Coder Gallons (inside set)	\$ 150.00
(pit set)	\$ 187.60
1" T-10 Meters E-Coder Gallons (inside set)	\$ 184.30
(pit set)	\$ 236.00
1 1/2" T-10 Meters E-Coder Gallons (inside set)	\$ 368.00
(pit set)	\$ 410.00
2" T-10 Meters E-Coder Gallons (inside set)	\$ 512.00
(pit set)	\$ 548.00
 <u>Compound Meters</u>	
2" Tru-Flo Compound Meters E-Coder Gallons (pit set only)	\$1411.00
3" Tru-Flo Compound Meters E-Coder Gallons (pit set only)	\$1832.00
4" Tru-Flo Compound Meters E-Coder Gallons (pit set only)	\$2540.00
6" Tru-Flo Compound Meters E-Coder Gallons (pit set only)	\$4190.00

Turbine Meters

1 1/2" HPT Turbine Meters E-Coder Gallons (pit set only)	\$ 490.00
2" HPT Turbine Meters E-Coder Gallons (pit set only)	\$ 520.00
3" HPT Turbine Meters E-Coder Gallons (pit set only)	\$ 730.00
4" HPT Turbine Meters E-Coder Gallons (pit set only)	\$1160.00
6" HPT Turbine Meters E-Coder Gallons (pit set only)	\$2230.00

**Village of Hoffman Estates
2010 Meter Prices**

<u>RF MIU's</u>	<u>Price (Ea.)</u>
R900 MIU's (wall version, V3)	\$ 87.50
R900 MIU's (pit version, 6 ft wire lead)	\$ 130.00
R900 MIU's (pit version, 25 ft wire lead)	\$ 135.00

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to extend 2009 contract for 2010 Concrete Maintenance Program to Strada Construction Co., Addison, IL (low bid) at a unit price of \$7.99 per square foot for sidewalk and \$23.00 per lineal foot for curb replacements, in an amount not to exceed \$27,320.

MEETING DATE: April 26, 2010

COMMITTEE: Public Works & Utilities

FROM: Kenneth Hari, Director of Public Works
Joseph Nebel, Superintendent of Operations

PURPOSE: To provide contracted services for 2010 non-water / sewer concrete replacement program.

BACKGROUND: Sidewalk replacements have been contracted since the late 1980's. This year's program includes replacement sections on non-revitalization streets. Due to the growing number of requests for replacements of deteriorated sidewalk sections, 2010 dollars were increased in the Capital Improvement fund.

DISCUSSION: Concrete Maintenance bids were opened on April 8, 2009, at 10:00 a.m. Bid specifications included an alternate pricing for the 2010 and 2011 calendar years. Bid proposals were received from three (3) contractors. Unit costs for sidewalk and curb replacements were reviewed. Results of the bid opening are attached. The low bid is from Strada Construction Co., Addison, IL.

Strada Construction Co. has worked in the municipalities of Park Ridge, West Chicago, Mt. Prospect and Geneva and has received favorable recommendations from these communities. In 2008 and 2009 Strada Construction Co. worked with Water Sewer concrete site restoration for the Village.

FINANCIAL IMPACT:

FY 2010 provides for a total of \$27,320, in the Capital Improvement fund.

RECOMMENDATION:

Request authorization to extend 2009 contract for 2010 Concrete Maintenance Program to Strada Construction Co., Addison, IL (low bid) at a unit price of \$7.99 per square foot for sidewalk and \$23.00 per lineal foot for curb replacements, in an amount not to exceed \$27,320.

Note: Complete bid documents are in the white Public Works & Utilities binder in the trustee's ante room.

2010 Alternate Bid

STATE OF ILLINOIS
 VILLAGE OF HOFFMAN ESTATES
 TABULATION OF BIDS

2010 Concrete Maintenance Alternate Bid

County: Cook Date: April 8, 2009				Rabine Paving Inc 4501 US Hwy 12 Richmond, IL		Strada Construction 1742 W. Armitage Addison, IL		Globe Construction 1781 W Armitage Addison, IL			
Municipality or Road District: Hoffman Estates Time: 10:00 a.m. Local Time											
Section: Appropriation \$											
Estimate \$ Attended by:											
Proposal Guarantee:				Bid Bond		Bid Bond		Bid Bond		Bid Bond	
Terms:											
Items	Delivery	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
2010 Alternate Bid											
sidewalk removal		3,160 sq ft		No bid	No bid	\$7.99	\$25,248.40	\$12.25	\$38,710.00		
curb/gutter removal		100 lineal ft		No bid	No bid	\$23.00	\$2,300.00	\$34.00	\$3,400.00		
Total Bid						\$27,548.40		\$42,110.00			
Total Bid											

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to award contract for Joint Construction Project with the Village of Schaumburg for abandonment of three lift station and installation of new joint gravity sewer to George W. Kennedy Construction Co. Inc, Park City, IL, in an amount not to exceed \$1,135,432.

MEETING DATE: April 26, 2010

COMMITTEE: Public Works & Utilities

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

PURPOSE: To eliminate three sanitary sewer lift stations from sanitary sewer collection systems.

BACKGROUND: Engineering standards require that sanitary sewer collection systems are to be designed to avoid the necessity for lift stations. This is because new construction and annual maintenance costs for lift stations are higher and the potential for lift station failures always exists. In 2003, the Village Board authorized a joint engineering feasibility study with the Village of Schaumburg for the potential abandonment of the Frederick Ln., Highland Blvd. and Village of Schaumburg's Jones Road lift stations. In 2005, RJN consultants completed the study and submitted a final report that confirmed sufficient flow capacity of the two downstream collection systems and sufficient elevation differential for gravity sewer construction and abandonment of the three lift stations.

In February and March 2007, each Village approved the concept planning and authorized a formal inter-governmental agreement for a joint construction project. The formal agreement designated Hoffman Estates as the lead agency.

In August 2007, each Village authorized the award of contract for the engineering services of the joint project to RJN Consultants.

BACKGROUND, Continued

In April 2008, RJN engineers completed the design and assembled plans and bid documents along with a construction permit application submitted to MWRDGC. On December 30, 2008, the Village received MWRDGC's construction permit.

In February 2009, the Village was informed of the availability of federal funds as a result of American Recovery and Reinvestment Act (ARRA) of 2009. Village staff identified this joint project as qualified per IEPA's guidelines that could preserve and create jobs, promote economic recovery, and to invest in infrastructure that will provide long-term economic benefits. The joint project also addresses green infrastructure, water or energy efficiency improvements. The effort is innovative in breaking boundary barriers by installing a joint gravity sewer.

In early May, 2009 the application for IEPA grant/loan was submitted after assembling all required documents. However, we were informed by the IEPA the project was not being considered for 2009 funding but may be for 2010. In early 2010 both Villages decided not to wait any further for IEPA's action on the fund application and proceeded with bidding the project.

DISCUSSION:

Key construction components for the joint project include:

1. Installation of approx. 2900 feet 8" to 12" gravity sewer by excavation.
2. Installation of approx. 800 feet of 10" gravity sewer by directional boring technology.
3. Abandonment of 3 sanitary sewer lift stations. (two in Hoffman Estates; one in Schaumburg)

Construction bids were advertised on March 1, 2010 with a bid closing date of March 30, 2010. Two pre-bid meetings were held (3/9/2010 & 3/24/2010) at the Public Works Center. A total of 9 bids were received and are tabulated as follows:

Company	Bid Total
George W. Kennedy Construction Co., Inc.	\$1,135,432.00
H. Linden & Sons	\$1,143,400.00
John Neri Construction	\$1,189,086.50
Berger Excavating Construction	\$1,232,470.00
Bolder Contractors Inc.	\$1,236,467.50
Lenny Hoffman Excavating, Inc.	\$1,288,000.00
Glenbrook Excavating	\$1,394,066.00
Swallow Construction Corp.	\$1,419,000.00
Martam Construction, Inc	\$1,443,421.00

BACKGROUND, Continued

The Village consulting engineer, RJN, provided an engineering estimate for the project as \$1,355,259. RJN engineers reviewed all bids and the attached tabulation indicates that the bid totals submitted by both H. Linden & Sons and Glenbrook Excavating were incorrectly added. The correct totals were entered into the above table. The responsible low bidder, George W. Kennedy Construction Co. Inc., is recommended by RJN for the project. The company is highly reputable. The work performance by the company for the Village on sanitary sewer rehab projects in recent years has been satisfactory. Staff concurs with RJN's recommendation. The Village of Schaumburg staff also concurs with the recommendation.

FINANCIAL IMPACT:

The 2010 budget includes \$1,108,550 for the joint construction project. The cost breakdown of the low bidder costs between VOHE and VOS indicates Village's share is \$705,162 (62.1% of the total low bid). It is a higher percentage than what was projected in 2005 due to the fact replacement for VOHE's back pitched and defective sewer pipe (about \$150,000) was added to the project. The Village of Schaumburg will reimburse the Village for their share of the construction cost per the intergovernmental agreement. There are sufficient funds to cover the proposed lump sum cost.

RECOMMENDATION:

Request authorization to award contract for Joint Construction Project with the Village of Schaumburg for abandonment of three lift station and installation of new joint gravity sewer to George W. Kennedy Construction Co. Inc, Park City, IL, in an amount not to exceed \$1,135,432.

NOTE: Complete bid documents are in the Trustee's ante room

April 7, 2010

Mr. Haileng Xiao
Superintendent of Water and Sewer
Village of Hoffman Estates
Department of Public Works
2305 Pembroke Avenue
Hoffman Estates, IL 60195-2009

Subject: Jones/Highland/Frederick Sanitary Sewer
Construction Contract Award Recommendation

Dear Mr. Xiao:

Nine (9) bids were received for the above referenced project. Enclosed is the tabulation of all nine bids. Any discrepancies with the bids are noted on the tabulation. We will send this tabulation to all responsive bidders.

The lowest responsible bid was received from George W. Kennedy Construction. Their bid was one million, one hundred thirty-five thousand, four hundred thirty-two dollars (\$1,135,432). There were no discrepancies in tabulating their bid. It is our opinion that George W. Kennedy's bid is in compliance with the bid requirements – they provided a bid bond and acknowledgement of Addenda Nos. 1, 2, and 3. We have been informed that they will be using one of the required subcontractors to complete the directional drilling portion of the project. They have committed to full disclosure of who will be used for the directional drilling no later than April 13, 2010.

RJN recommends the Award of this Contract to George W. Kennedy Construction, subject to naming their directional drilling subcontractor. Please call me with any questions at 630.682.4700 ext. 314.

Sincerely,

RJN GROUP, INC.



Michael N. Young, P.E.
Project Manager

Enclosure

Village of Hoffman Estates
Jones-Highland-Frederick Sanitary Sewer
Bid Opening: March 30, 2010, 10:00 a.m.

NO.	ITEM	Unit	Amount	George W. Kennedy		H. Linden & Sons		John Neri		Berger Excavating		Bolder Contractors	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	TREE PROTECTION	LF	260	\$5.00	\$1,300.00	\$5.00	\$1,300.00	\$5.00	\$1,300.00	\$5.00	\$1,300.00	\$12.00	\$3,120.00
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	250	\$50.00	\$12,500.00	\$50.00	\$12,500.00	\$30.00	\$7,500.00	\$55.00	\$13,750.00	\$50.00	\$12,500.00
3	EXPLORATORY DIG	EACH	2	\$750.00	\$1,500.00	\$250.00	\$500.00	\$800.00	\$1,600.00	\$200.00	\$400.00	\$900.00	\$1,800.00
4	TRENCH BACKFILL CA-6	CY	1,249	\$29.50	\$36,845.50	\$29.50	\$36,845.50	\$36.00	\$44,964.00	\$34.00	\$42,176.00	\$1.00	\$1,249.00
5	TRENCH BACKFILL CA-7	CY	5,710	\$35.50	\$202,705.00	\$35.00	\$199,850.00	\$38.00	\$216,980.00	\$37.00	\$210,269.00	\$1.00	\$5,710.00
6	TOPSOIL AND SOD	SY	753	\$9.00	\$6,777.00	\$8.00	\$6,024.00	\$10.00	\$7,530.00	\$10.00	\$7,530.00	\$10.00	\$7,530.00
7	TOPSOIL AND SEED	SY	343	\$6.00	\$2,058.00	\$5.00	\$1,715.00	\$8.00	\$2,744.00	\$4.50	\$1,543.50	\$6.50	\$2,229.50
8	INLET FILTERS	EA	38	\$15.00	\$570.00	\$75.00	\$2,850.00	\$160.00	\$6,080.00	\$125.00	\$4,750.00	\$100.00	\$3,800.00
9	SILT FENCE	LF	760	\$5.50	\$4,180.00	\$2.00	\$1,520.00	\$3.00	\$2,280.00	\$2.75	\$2,095.00	\$3.00	\$2,280.00
10	5" PCC SIDEWALK REMOVAL AND REPLACEMENT	SF	3,502	\$5.00	\$17,510.00	\$6.00	\$21,012.00	\$6.00	\$21,012.00	\$6.75	\$23,638.50	\$5.00	\$17,510.00
11	DETECTABLE WARNINGS	SF	70	\$60.00	\$4,200.00	\$30.00	\$2,100.00	\$30.00	\$2,100.00	\$15.50	\$1,085.00	\$22.00	\$1,540.00
12	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 6"	SY	24	\$55.00	\$1,320.00	\$55.00	\$1,320.00	\$65.00	\$1,560.00	\$68.00	\$1,632.00	\$70.00	\$1,680.00
13	PROTECTIVE COATING	SY	451	\$1.00	\$451.00	\$3.00	\$1,353.00	\$1.50	\$676.50	\$2.00	\$902.00	\$2.00	\$902.00
14	CLASS D PATCHES, 11.5'	SY	22	\$202.00	\$4,444.00	\$121.00	\$2,662.00	\$85.00	\$1,870.00	\$192.00	\$4,224.00	\$72.00	\$1,584.00
15	CLASS D PATCHES, 9"	SY	1,947	\$65.00	\$126,555.00	\$65.00	\$126,555.00	\$72.00	\$140,184.00	\$68.00	\$132,396.00	\$41.00	\$79,827.00
16	SURFACE COURSE GRIND AND OVERLAY 2"	SY	2,829	\$14.50	\$41,020.50	\$12.00	\$33,948.00	\$16.00	\$45,264.00	\$13.75	\$38,757.30	\$14.00	\$39,606.00
17	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12	LF	170	\$38.00	\$6,460.00	\$24.00	\$4,080.00	\$24.00	\$4,080.00	\$29.00	\$4,930.00	\$38.00	\$6,460.00
18	12" CONCRETE STORM SEWER 0' TO 6' DEEP	LF	10	\$150.00	\$1,500.00	\$50.00	\$500.00	\$40.00	\$400.00	\$80.00	\$800.00	\$85.00	\$850.00
19	18" CONCRETE STORM SEWER 0' TO 6' DEEP	LF	10	\$180.00	\$1,800.00	\$58.00	\$580.00	\$45.00	\$450.00	\$59.00	\$590.00	\$100.00	\$1,000.00
20	REMOVE AND REPLACE CATCH BASIN TYPE C, TYPE A FRAME AND GRATE	EA	1	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
21	6" PVC SERVICE LATERAL	LF	50	\$80.00	\$4,000.00	\$32.00	\$1,600.00	\$38.00	\$1,900.00	\$100.00	\$5,000.00	\$90.00	\$4,500.00
22	8" PVC SDR 26 SANITARY SEWER ASTM D 2241 6' TO 12' DEEP	LF	447	\$50.00	\$22,350.00	\$65.00	\$29,055.00	\$48.00	\$21,456.00	\$68.00	\$30,624.00	\$140.00	\$62,580.00
23	10" PVC SDR 26 SANITARY SEWER ASTM D 2241 6' TO 12' DEEP	LF	728	\$52.00	\$37,856.00	\$68.00	\$49,584.00	\$52.00	\$37,856.00	\$68.00	\$49,584.00	\$145.00	\$105,560.00
24	10" PVC SDR 26 SANITARY SEWER ASTM D 2241 12' TO 18' DEEP	LF	255	\$67.00	\$17,085.00	\$72.00	\$18,360.00	\$68.00	\$17,340.00	\$90.00	\$22,950.00	\$170.00	\$43,350.00
25	12" PVC SDR 26 SANITARY SEWER ASTM D 2241 6' TO 12' DEEP	LF	100	\$55.00	\$5,500.00	\$75.00	\$7,500.00	\$54.00	\$5,400.00	\$75.00	\$7,500.00	\$160.00	\$16,000.00
26	12" PVC SDR 26 SANITARY SEWER ASTM D 2241 12' TO 18' DEEP	LF	1,440	\$70.00	\$100,800.00	\$98.00	\$141,120.00	\$84.00	\$120,960.00	\$98.00	\$141,120.00	\$205.00	\$295,200.00
27	8" PVC DR 25 SEWER AWWA C-900 0' TO 6' DEEP	LF	95	\$50.00	\$4,750.00	\$65.00	\$6,175.00	\$50.00	\$4,750.00	\$69.00	\$6,555.00	\$130.00	\$12,350.00
28	12" IPS HDPE DR 11 SANITARY SEWER DIRECTIONAL DRILLING	LS	1	\$222,000.00	\$222,000.00	\$225,000.00	\$225,000.00	\$236,000.00	\$236,000.00	\$250,000.00	\$250,000.00	\$215,000.00	\$215,000.00
29	14" PVC SDR 26 CASING PIPE ASTM B1784	LF	25	\$65.00	\$1,625.00	\$59.00	\$1,475.00	\$60.00	\$1,500.00	\$75.00	\$1,875.00	\$110.00	\$2,750.00
30	SANITARY MANHOLE TYPE A, 4'-DIAMETER WITH TYPE 1 FRAME AND CLOSED LID 0 TO 6' DEEP	EA	3	\$5,250.00	\$15,750.00	\$7,800.00	\$23,400.00	\$2,400.00	\$7,200.00	\$2,700.00	\$8,100.00	\$4,500.00	\$13,500.00
31	SANITARY MANHOLE TYPE A, 4'-DIAMETER WITH TYPE 1 FRAME AND CLOSED LID 6 TO 12' DEEP	EA	6	\$5,500.00	\$33,000.00	\$3,300.00	\$19,800.00	\$2,800.00	\$16,800.00	\$3,500.00	\$21,000.00	\$5,000.00	\$30,000.00
32	SANITARY MANHOLE TYPE A, 4'-DIAMETER WITH TYPE 1 FRAME AND CLOSED LID 12 TO 18' DEEP	EA	9	\$5,650.00	\$50,850.00	\$3,800.00	\$34,200.00	\$4,200.00	\$37,800.00	\$5,000.00	\$45,000.00	\$5,900.00	\$53,100.00
33	SANITARY MANHOLE TYPE A, 5'-DIAMETER WITH TYPE 1 FRAME AND CLOSED LID 24' TO 30' DEEP	EA	2	\$17,000.00	\$34,000.00	\$10,000.00	\$20,000.00	\$28,000.00	\$56,000.00	\$11,000.00	\$22,000.00	\$18,000.00	\$36,000.00
34	SANITARY DROP MANHOLE TYPE A, 4'-DIAMETER WITH TYPE 1 FRAME AND CLOSED LID 12 TO 18' DEEP	EA	2	\$7,500.00	\$15,000.00	\$4,500.00	\$9,000.00	\$6,500.00	\$13,000.00	\$9,000.00	\$18,000.00	\$6,500.00	\$13,000.00
35	STRUCTURES TO BE ADJUSTED	EA	2	\$900.00	\$1,800.00	\$350.00	\$700.00	\$450.00	\$900.00	\$650.00	\$1,300.00	\$800.00	\$1,600.00
36	ABANDON MANHOLE	EA	2	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$650.00	\$1,300.00
37	RECONNECT SANITARY SERVICE	EA	6	\$750.00	\$4,500.00	\$980.00	\$5,880.00	\$600.00	\$3,600.00	\$800.00	\$4,800.00	\$2,000.00	\$12,000.00
38	EXTEND SANITARY SERVICE	EA	6	\$2,200.00	\$13,200.00	\$1,500.00	\$9,000.00	\$1,800.00	\$10,800.00	\$1,600.00	\$9,600.00	\$1,000.00	\$6,000.00
39	PRECONSTRUCTION SEWER TELEVISION INSPECTION	LS	1	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00	\$8,000.00	\$8,000.00	\$4,000.00	\$4,000.00
40	FLUSH AND TELEVIEW SANITARY SEWER	LS	1	\$5,900.00	\$5,900.00	\$7,200.00	\$7,200.00	\$8,000.00	\$8,000.00	\$7,500.00	\$7,500.00	\$4,000.00	\$4,000.00
41	STAKING AND LAYOUT	LS	1	\$9,000.00	\$9,000.00	\$4,500.00	\$4,500.00	\$3,600.00	\$3,600.00	\$5,900.00	\$5,900.00	\$11,000.00	\$11,000.00
42	BY-PASS PUMPING	LS	1	\$5,500.00	\$5,500.00	\$2,000.00	\$2,000.00	\$12,000.00	\$12,000.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
43	PRECONSTRUCTION VIDEOTAPING	LS	1	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00	\$1,800.00	\$1,800.00	\$5,000.00	\$5,000.00	\$100.00	\$100.00
44	TRAFFIC CONTROL AND MAINTENANCE	LS	1	\$8,500.00	\$8,500.00	\$2,000.00	\$2,000.00	\$30,000.00	\$30,000.00	\$2,000.00	\$2,000.00	\$60,000.00	\$60,000.00
45	DUST CONTROL	UNIT	10	\$100.00	\$1,000.00	\$40.00	\$400.00	\$50.00	\$500.00	\$8.00	\$80.00	\$50.00	\$500.00
46	MECHANICAL STREET SWEEPING	HR	17	\$250.00	\$4,250.00	\$75.00	\$1,275.00	\$450.00	\$7,650.00	\$800.00	\$13,600.00	\$200.00	\$3,400.00
47	DEMOLITION AND ABANDONMENT OF LIFT STATIONS	LS	1	\$27,000.00	\$27,000.00	\$11,000.00	\$11,000.00	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00	\$35,000.00	\$35,000.00
TOTAL													

FOR DEMOLITION AND ABANDONMENT OF LIFT STATIONS, H. Linden & Sons wrote in a total cost of \$11,000 in the Unit Price column and \$3,000 in the total price column. The written total bid amount for 01145-400-90 reflects the \$3,000 figure. The corrected total bid amount for 01145-400-90 reflects the \$1,000 for
 For CLASS D PATCHES, 9" (Item No. 15) Berger Excavating wrote in a total cost of \$139,055.00 (the Unit Price of \$73.00 multiplied by 1,905 SY, the quantity for CLASS D PATCHES, 9" (prior to Addendum No. 2)) which is reflected in their written total bid price of \$139,055.00.

Village of Hoffman Estates
Jones-Highland-Frederick Sanitary Sewer
Bid Opening: March 30, 2010, 10:00 a.m.

NO.	ITEM	Unit	Amount	Engineer Estimate		Lenny Hoffman		Glenbrook Excavating		Swallow Construction		Martam Construction	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	TREE PROTECTION	LF	-260	\$2.65	\$689.00	\$5.00	\$1,300.00	\$3.00	\$780.00	\$5.00	\$1,300.00	\$5.00	\$1,300.00
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	250	\$22.50	\$5,625.00	\$85.00	\$21,250.00	\$60.00	\$15,000.00	\$28.00	\$7,000.00	\$28.00	\$7,000.00
3	EXPLORATORY DIG	EACH	2	\$507.00	\$1,014.00	\$500.00	\$1,000.00	\$200.00	\$400.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00
4	TRENCH BACKFILL CA-6	CY	1,249	\$38.60	\$48,211.40	\$41.00	\$51,209.00	\$32.00	\$39,968.00	\$30.00	\$37,470.00	\$30.00	\$37,470.00
5	TRENCH BACKFILL CA-7	CY	5,710	\$42.25	\$241,247.50	\$41.00	\$234,110.00	\$34.00	\$194,340.00	\$32.00	\$182,720.00	\$32.00	\$182,720.00
6	TOPSOIL AND SOD	SY	753	\$12.00	\$9,036.00	\$20.50	\$15,436.50	\$8.00	\$6,024.00	\$9.00	\$6,777.00	\$9.00	\$6,777.00
7	TOPSOIL AND SEED	SY	343	\$7.00	\$2,401.00	\$15.00	\$5,145.00	\$7.00	\$2,401.00	\$5.00	\$1,715.00	\$5.00	\$1,715.00
8	INLET FILTERS	EA	38	\$73.00	\$6,574.00	\$110.00	\$4,180.00	\$130.00	\$4,940.00	\$125.00	\$4,750.00	\$125.00	\$4,750.00
9	SILT FENCE	LF	760	\$3.00	\$2,280.00	\$2.50	\$1,900.00	\$4.00	\$3,040.00	\$2.00	\$1,520.00	\$2.00	\$1,520.00
10	5" PCC SIDEWALK REMOVAL AND REPLACEMENT	SF	3,502	\$6.00	\$21,012.00	\$6.00	\$21,012.00	\$7.00	\$24,514.00	\$6.00	\$21,012.00	\$6.00	\$21,012.00
11	DETECTABLE WARNING	SF	70	\$19.00	\$1,330.00	\$22.00	\$1,540.00	\$17.00	\$1,190.00	\$20.00	\$1,400.00	\$20.00	\$1,400.00
12	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 6"	SY	24	\$67.00	\$1,608.00	\$60.00	\$1,440.00	\$70.00	\$1,680.00	\$65.00	\$1,560.00	\$65.00	\$1,560.00
13	PROTECTIVE COATING	SY	451	\$4.00	\$1,804.00	\$1.20	\$541.20	\$4.00	\$1,804.00	\$1.00	\$451.00	\$1.00	\$451.00
14	CLASS D PATCHES, 11.5"	SY	22	\$116.00	\$2,552.00	\$203.00	\$4,466.00	\$210.00	\$4,620.00	\$98.00	\$2,156.00	\$98.00	\$2,156.00
15	CLASS D PATCHES, 9"	SY	1,947	\$60.00	\$116,820.00	\$73.00	\$142,131.00	\$73.00	\$142,131.00	\$49.00	\$95,403.00	\$49.00	\$95,403.00
16	SURFACE COURSE GRIND AND OVERLAY 2"	SY	2,829	\$14.00	\$39,606.00	\$13.70	\$38,757.30	\$15.00	\$42,435.00	\$18.00	\$50,922.00	\$18.00	\$50,922.00
17	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12	LF	170	\$25.00	\$4,250.00	\$30.00	\$5,100.00	\$32.00	\$5,440.00	\$26.00	\$4,420.00	\$26.00	\$4,420.00
18	12" CONCRETE STORM SEWER 0' TO 6' DEEP	LF	10	\$180.00	\$1,800.00	\$100.00	\$1,000.00	\$70.00	\$700.00	\$75.00	\$750.00	\$75.00	\$750.00
19	18" CONCRETE STORM SEWER 0' TO 6' DEEP	LF	10	\$120.00	\$1,200.00	\$110.00	\$1,100.00	\$80.00	\$800.00	\$90.00	\$900.00	\$90.00	\$900.00
20	REMOVE AND REPLACE CATCH BASIN TYPE C, TYPE A FRAME AND GRATE	EA	1	\$2,389.00	\$2,389.00	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00	\$2,400.00	\$2,400.00	\$2,400.00	\$2,400.00
21	6" PVC SERVICE LATERAL	LF	50	\$78.00	\$3,900.00	\$95.00	\$4,750.00	\$120.00	\$6,000.00	\$80.00	\$4,000.00	\$80.00	\$4,000.00
22	8" PVC SDR 26 SANITARY SEWER ASTM D 2241 6' TO 12' DEEP	LF	447	\$40.00	\$17,880.00	\$80.00	\$35,760.00	\$80.00	\$35,760.00	\$63.00	\$28,161.00	\$63.00	\$28,161.00
23	10" PVC SDR 26 SANITARY SEWER ASTM D 2241 6' TO 12' DEEP	LF	728	\$43.00	\$31,324.00	\$93.00	\$67,704.00	\$85.00	\$62,380.00	\$67.00	\$48,776.00	\$67.00	\$48,776.00
24	10" PVC SDR 26 SANITARY SEWER ASTM D 2241 12' TO 18' DEEP	LF	255	\$73.00	\$18,615.00	\$120.00	\$30,600.00	\$120.00	\$30,600.00	\$123.00	\$31,365.00	\$123.00	\$31,365.00
25	12" PVC SDR 26 SANITARY SEWER ASTM D 2241 6' TO 12' DEEP	LF	100	\$20.00	\$2,000.00	\$95.00	\$9,500.00	\$90.00	\$9,000.00	\$92.00	\$9,200.00	\$92.00	\$9,200.00
26	12" PVC SDR 26 SANITARY SEWER ASTM D 2241 12' TO 18' DEEP	LF	1,440	\$10.00	\$14,400.00	\$14.00	\$20,160.00	\$13.00	\$18,720.00	\$132.00	\$190,080.00	\$132.00	\$190,080.00
27	8" PVC DR 25 SEWER AWWA C-900 0' TO 6' DEEP	LF	95	\$44.00	\$4,180.00	\$150.00	\$14,250.00	\$78.00	\$7,410.00	\$60.00	\$5,700.00	\$60.00	\$5,700.00
28	12" IPS HDPE DR 11 SANITARY SEWER DIRECTIONAL DRILLING	LS	1	\$200,000.00	\$200,000.00	\$243,734.00	\$243,734.00	\$200,000.00	\$200,000.00	\$306,858.00	\$306,858.00	\$306,858.00	\$306,858.00
29	14" PVC SDR 26 CASING PIPE ASTM B1784	LF	25	\$100.00	\$2,500.00	\$120.00	\$3,000.00	\$145.00	\$3,625.00	\$115.00	\$2,875.00	\$115.00	\$2,875.00
30	SANITARY MANHOLE TYPE A, 4'-DIAMETER WITH TYPE 1 FRAME AND CLOSED LID 0 TO 6' DEEP	EA	3	\$5,000.00	\$15,000.00	\$3,300.00	\$9,900.00	\$4,500.00	\$13,500.00	\$3,400.00	\$10,200.00	\$3,400.00	\$10,200.00
31	SANITARY MANHOLE TYPE A, 4'-DIAMETER WITH TYPE 1 FRAME AND CLOSED LID 6 TO 12' DEEP	EA	6	\$9,000.00	\$54,000.00	\$3,300.00	\$19,800.00	\$6,500.00	\$39,000.00	\$5,200.00	\$31,200.00	\$5,200.00	\$31,200.00
32	SANITARY MANHOLE TYPE A, 4'-DIAMETER WITH TYPE 1 FRAME AND CLOSED LID 12 TO 18' DEEP	EA	9	\$15,000.00	\$135,000.00	\$4,500.00	\$40,500.00	\$13,000.00	\$117,000.00	\$6,800.00	\$61,200.00	\$6,800.00	\$61,200.00
33	SANITARY MANHOLE TYPE A, 5'-DIAMETER WITH TYPE 1 FRAME AND CLOSED LID 24 TO 30' DEEP	EA	2	\$30,000.00	\$60,000.00	\$22,000.00	\$44,000.00	\$25,000.00	\$50,000.00	\$24,000.00	\$48,000.00	\$24,000.00	\$48,000.00
34	SANITARY DROP MANHOLE TYPE A, 4'-DIAMETER WITH TYPE 1 FRAME AND CLOSED LID 12 TO 18' DEEP	EA	2	\$15,000.00	\$30,000.00	\$12,000.00	\$24,000.00	\$16,000.00	\$32,000.00	\$8,600.00	\$17,200.00	\$8,600.00	\$17,200.00
35	STRUCTURES TO BE ADJUSTED	EA	2	\$470.00	\$940.00	\$950.00	\$1,900.00	\$650.00	\$1,300.00	\$800.00	\$1,600.00	\$800.00	\$1,600.00
36	ABANDON MANHOLE	EA	2	\$550.00	\$1,100.00	\$550.00	\$1,100.00	\$300.00	\$600.00	\$600.00	\$1,200.00	\$600.00	\$1,200.00
37	RECONNECT SANITARY SERVICE	EA	6	\$1,519.50	\$9,117.00	\$1,500.00	\$9,000.00	\$1,750.00	\$10,500.00	\$3,200.00	\$19,200.00	\$3,200.00	\$19,200.00
38	EXTEND SANITARY SERVICE	EA	6	\$3,090.00	\$18,540.00	\$1,917.00	\$11,502.00	\$1,600.00	\$9,600.00	\$3,200.00	\$19,200.00	\$3,200.00	\$19,200.00
39	PRECONSTRUCTION SEWER TELEVISION INSPECTION	LS	1	\$2,240.00	\$2,240.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$8,300.00	\$8,300.00	\$8,300.00	\$8,300.00
40	FLUSH AND TELEVISION SANITARY SEWER	LS	1	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$9,600.00	\$9,600.00	\$9,600.00	\$9,600.00
41	STAKING AND LAYOUT	LS	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
42	BY-PASS PUMPING	LS	1	\$5,000.00	\$5,000.00	\$1,736.00	\$1,736.00	\$22,600.00	\$22,600.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
43	PRECONSTRUCTION VIDEOTAPING	LS	1	\$1,568.00	\$1,568.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
44	TRAFFIC CONTROL AND MAINTENANCE	LS	1	\$50,000.00	\$50,000.00	\$292,770.00	\$292,770.00	\$5,500.00	\$5,500.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
45	DUST CONTROL	UNIT	10	\$50.00	\$500.00	\$250.00	\$2,500.00	\$250.00	\$2,500.00	\$150.00	\$1,500.00	\$150.00	\$1,500.00
46	MECHANICAL STREET SWEEPING	HR	17	\$150.00	\$2,550.00	\$250.00	\$4,250.00	\$200.00	\$3,400.00	\$140.00	\$2,380.00	\$140.00	\$2,380.00
47	DEMOLITION AND ABANDONMENT OF LIFT STATIONS	LS	1	\$65,000.00	\$65,000.00	\$25,000.00	\$25,000.00	\$22,000.00	\$22,000.00	\$45,000.00	\$45,000.00	\$45,000.00	\$45,000.00
TOTAL					\$1,155,529.00	\$1,288,000.00	\$1,394,066.00	\$1,419,000.00					\$1,443,421.00

For DEMOLITION AND ABANDONMENT OF LIFT STATIONS, H. Lender & Sons wrote a total cost of \$1,000 in the Unit Price column and \$1,000 in the total price column. The written total bid amount of \$1,434,000.00 reflects the \$3,000 figure. The corrected total bid amount of \$1,434,000.00 reflects the \$1,000. For CLASS D PATCHES, Glenbrook Excavating wrote a total cost of \$149,065.00 (the Unit Price of \$79.00 multiplied by 1900 SY) in the quantity for CLASS D PATCHES, which is reflected in their written total bid price of \$1,391,000.00.

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization for Change Order #1 for additional construction services for new T-7 water tower to Chicago Bridge and Iron Inc., Bolingbrook, IL, in an amount not to exceed \$132,504.

MEETING DATE: April 26, 2010

COMMITTEE: Public Work & Utilities

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

PURPOSE: To approve a change order for T-7 construction.

BACKGROUND: In May 2009, the Village Board authorized the award of 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. Pre-construction meeting was held on May 21, 2009. Actual foundation work was started in August 2009. By April 2010, over 70% of the work was completed. The inspections by Village consultant engineers indicate progress is satisfactory and on schedule.

DISCUSSION: During reviews of shop drawings and on-site construction inspections, staff found it necessary to make plan revisions for layout improvement and to comply with Village Code and Fire Protection requirements. As a result, more construction items must be accomplished by CBI. The plan revision and staff's comments for added work items were sent through Baxter Woodman (BW) to CBI and CBI responded with proposed costs. BW engineers examined the submitted costs and recommended \$132,504 as reasonable and acceptable at this stage of construction. A total of \$14,665 claimed for additional

DISCUSSION continued:

project management time, code compliance allowance and sub-contract mark-up was not recommended. BW considers these requests to be covered by materials and the 5% mark-up of subcontract items. Staff totally concurs. The following is an itemized summary of the plan revisions and the costs recommended as reasonable and acceptable by Baxter Woodman Engineers:

Request	Description of the Change Order	Cost
#1	Relocating/combining stairway/bathroom in fire proof enclosure	\$76,904
#2	Pillar corrugation closure plates & conduit closure	\$18,535
#3	Piping modifications and louver addition	\$8,785
#4	Sprinkler system and fire alarm for 1 st & 2 nd floor	\$28,280
	Total	\$132,504

Request #1 is for the improvement of the tower interior layout and space management. The original design and bid documents specified 52 feet as the column diameter (Composite style). The actual shop drawing of the tower column (Fluted column style) indicates a diameter of 65 feet. The larger column provides more interior space, which made it prudent to relocate stairway from the Western column wall to the Eastern wall and combine it with the facility bathroom into one enclosure. The increased diameter also improves the utilization of the 2nd floor that will house a Village communication radio room. Due to fire proof enclosure requirements the layout improvement is the most cost effective way to comply with all applicable Fire Codes.

Items #2 through #4 are to comply with Village Fire and Building Code requirements. Original base bid for tower is for Spheroid style with only limited interior space and Village Codes do not require specifications for a sprinkler system. The favorable bid results enabled the Village to choose the alternative fluted column style. Changes also needed to be made to comply with Village's Fire and Building Codes by adding a sprinkler system.

It is anticipated that an additional change order covering sprinkler system brackets, components related to the second floor ceiling, additional stairwell lighting, additional exit and fire alarm lights, stairway modifications and other miscellaneous item will be required before the project is closed in November 2010. It is expected that the costs of these items will be partially offset by credits issued resulting from a reduction in the scope of other construction items that were reduced or eliminated, SCADA access control allowance and pipe bollard installations.

FINANCIAL IMPACT:

The total cost for Change Order #1 is \$132,504. The bond issued to fund T-7 construction includes a contingency fund of \$200,000. From the contingency perspective, there are sufficient funds to cover the change order.

RECOMMENDATION:

Request authorization for Change Order #1 for additional construction services for new T-7 water tower to Chicago Bridge and Iron Inc., Bolingbrook, IL, in an amount not to exceed \$132,504.



April 13, 2010

Mr. Haileng Xiao
 Superintendent of Water and Sewer
 Village of Hoffman Estates
 2305 Pembroke Avenue
 Hoffman Estates, IL 60195

Subject: *2 MG Elevated Water Storage Tank – Change Order Request Summary*

Dear Mr. Xiao:

Attached to this letter please find a memo summarizing Change Order Request Nos. 1 through 3 from Chicago Bridge and Iron, as well as quotes for the Sprinkler and Fire Alarm systems, which collectively will be referred to as Change Order No. 4. These Change Orders are generally based on requested changes to the room layouts and a determination by Village Code Compliance that the elevated tank must comply with the code requirements for “commercial” use.

We have reviewed these requests and recommend the following amounts be approved per attached documents. Note that two items in Change Order No. 1 have not been recommended for approval.

Request	Description of the Change Order	Recommended Amount
#1	Relocating and combining the stairway and bathroom in fire proof enclosure	\$76,904
#2	Pillar corrugation and conduit closure	\$18,535
#3	Piping modifications and louver addition	\$8,785
#4	Sprinkler system and Fire Alarm; 1 st & 2 nd floors	\$28,280
Total	Summary	\$132,504

Please note that this Change Order summary does not reflect all of the additional changes required for requested changes, including Code Compliance items. A total amount is unknown at this time, but is estimated at a total change order amount of around \$200,000.

5100 Eastpark Blvd.

Suite 200

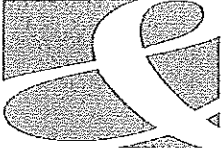
Madison, WI 53718

608.241.5481

Fax 608.241.5491

info@baxterwoodman.com

BAXTER



WOODMAN

Consulting Engineers

Mr. Haileng Xiao
Village of Hoffman Estates

April 13, 2010
060980.60 • Page 2

With your approval of these amounts we will issue a formal change order. If you have any further questions, or if we can be of any further assistance in the interim, please feel free to call.

Very truly yours,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS

A handwritten signature in cursive script, reading "Gerald D. Groth". The signature is written in dark ink and is positioned above the printed name.

Gerald D. Groth, P.E.
Regional Manager

GDG:hs

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MEMORANDUM

BAXTER



WOODMAN
Consulting Engineers

Madison Office

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

Website: www.baxterwoodman.com
e-mail: info@baxterwoodman.com

DATE: April 13, 2010
TO: Haileng Xiao
FROM: Jerry Groth
SUBJECT: Requested Change Order Summary for 2.0 MG Elevated Tank T-7

Purpose: This memo will highlight change orders No. 1 to 4 for the 2.0 MG Elevated Tank project.

Reason for Change: The only reasons for the known and expected changes with the project include;

- 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>Description</u>	<u>Requested Amount</u>	<u>Recommended Amount</u>
1.	CBI Change Order No. 1	\$91,569	\$76,904
2.	CBI Change Order No. 2	\$18,535	\$18,535
3.	CBI Change Order No. 3	\$8,785	\$8,785
4.	<u>Sprinkler System/Fire Alarm</u>	<u>\$28,280</u>	<u>\$28,280</u>
	Summary Total	\$147,169	\$132,504

Requested Versus Recommended Amount Comments

In general we think that the amounts are reasonable for all Change Orders except for CBI Change Order No. 1. CBI Change Order No. 1 includes \$6,500 for Additional Management Time (Item 3) and \$5,000 for an allowance for Additional Code Enforcement (Item 5). Item 3 is a request for additional CBI Project Management in the amount of \$6,500. We normally would require that this be covered in the 15% markup of CBI supplied materials and labor and the 5% markup on subcontractor items. Undoubtedly CBI has performed additional work and management in regards to the extras, however, we would not be able to verify or deny these amounts. Item 5 is a request to set up an allowance to handle unknown changes associated with additional work involved with on-site inspection requests. We understand the desire by the Contractor for the allowance, but believe it could also be handled more appropriately at the time of actual occurrence versus of incorporating it in this Change Order.

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. Johnnton 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

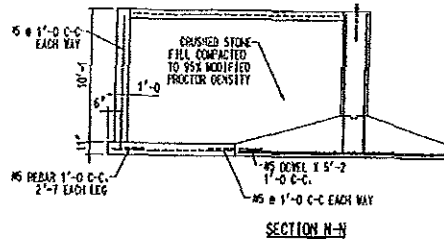
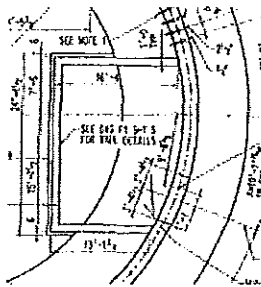
W.F. Johnston Construction, Inc.
 HOFFMAN ESTATES
 DETAILED BREAKDOWN FOR INTERIOR BUILD-OUT

Interior Reconfiguration:

1. Foundation Changes:

CBI COMMENT:

Foundation Changes are a result of relocating the stairway into an enclosed two story room inside the tank base and relocating the bathroom under the stairway. This required the tank foundation be extended to support the walls of the two story room as well as additional fill underneath this extended foundation. Previously there was no room around the stairway and the bathroom was not adjacent to the tank foundation; therefore, no separate foundation was necessary for this room.



Additional Foundation Wall Required

- a. Under Tank fill (Excavation and Structural Fill)
 - i. Original Design: 522 CY Revised Design for Support Wall: 552 CY (+30 CY)
COST: \$ 1,820.00
- b. Concrete
 - i. Original Design 409 CY Revised Design for Support Wall: 435 CY (+26 CY)
COST: \$ 11,780.00
- c. Resteel
 - i. Original Design: 28,400# Revised Design for Support Wall: 30,275# (+1,875#)
COST: \$ 3,355.00

SECTION 1 TOTAL: ADD \$ 16,955.00

2. Stairwell Enclosure:

- a. Original Design:
 - i. Masonry Valve Room, Bathroom, and a Police Communication Room
 - Designed as Masonry (CMU) walls, insulated roof with RFP face and Studwall with Drywall at tank shell.
 - Quantities: 450 SF of Ceiling Construction **CREDIT: \$ 11,850.00**
 102 LF of CMU wall (9.34' high) **CREDIT: \$ 11,305.00**
 3 Doors (Complete with Hardware and Frame)
CREDIT: \$ 6,900.00
 40 LF Studwall Construction with Finished Drywall
CREDIT: \$ 3,850.00
 - ii. Stairwell Design: Staircase to run along wall per Section 3316 19.53-18 Section 2.27 with 2nd floor handrail (14 LF, in accordance to stairwell handrail specifications.)
CREDIT: \$ 18,450.00

b. Revised Design:

i. Masonry Valve Room, Stairwell Enclosure and Bathroom.

Quantities: 54 LF of CMU wall (15.82' high and scaffold around stair)
31 LF of CMU wall (9.34' high) Valve Room
21 LF of CMU wall (9.34' high) Bathroom
2 Additional Lintels of Door Openings
COST: \$ 24,750.00

ii. Studwall Construction: Stairwell Enclosure, Police Com. Room

Quantities: Stairwell Enclosure (410 SF)
I. 55 LF of 3-5/8" Steel Stud Const. (9' high) with 2 layers of 5/8" Type X drywall (both sides)
II. 28 LF of 3-5/8" Steel Stud Const (15.82' high) with 2 layers of 5/8" Type X drywall (interior side only)
III. 410 SF of Ceiling Drywall with 2 layers of 5/8" Type X drywall (both sides)
IV. Two Doors (Complete with Hardware and Frame)
COST: \$ 23,800.00

Police Communication Room (210 SF)

I. 61 LF of 3-5/8" Steel Stud Const. (9' high) with single layer of 5/8" Type X drywall (both sides interior wall, one side on side against tank shell). NOT QUOTED FOR 2 HR FIRE RATING!
II. 210 SF of Steel Stud and Drywall Ceiling with single layer of 5/8" Type X drywall (interior side) and 5/8" Fireproof Plywood (exterior side)
III. One Door (Complete with Hardware and Frame)
COST: \$ 8,360.00

Valve Room:

I. 31 LF Studwall Construction with Finished Drywall.
II. 395 SF of Steel Stud and Drywall Ceiling with single layer of 5/8" Type X drywall (interior side) with RFP Panels and 5/8" Fireproof Plywood (exterior side).
III. One Door (Complete with Hardware and Frame)
COST: \$10,470.00

Bathroom:

I. 50 SF of Steel Stud and Drywall Ceiling with single layer of 5/8" Type X drywall (interior side) with RFP Panels, and 5/8" Fire Proof Plywood (exterior side).
II. Door (Complete with Hardware and Frame)
III. 36 LF of additional 3" CISP, surface mounted to CMU wall, approximately 10'-0" above finished floor for vent. Original bathroom was vented direct to the outside through the common wall with the tank shell. (+1475.00) [CBI COMMENT: previously there was only approximately 6' of PVC vent piping required]
IV. Fan (HVAC) to be mounted to west wall and vent with louver to inside tank area. (INCLUDED IN ORIGINAL PRICE, NO CHANGE. INFORMATIONAL ONLY!)

COST: \$ 4,625.00

COST 3/3

iii. Structural Stairway

I. Stairway run up to a landing then turns 180 degree to second floor. This design increases the size of the landing platform, the stairs are now 48" wide and this design increases the number of support columns required.

COST: \$ 23,200.00

II. There is an additional support beam for the 2nd Floor concrete, assumed to be W12x16 by 15'-6" long.

COST: \$ 1,800.00 (EST, BEAM DESIGN REQ'D)

SECTION 2 TOTAL: ADD 38,420.00

3. Sewer Lateral Depth

- a. Original Design: Sanitary sewer (per layout on B&W G-3) with the sewer having an invert elevation of 837.50 at the Debris Trap.
- b. New Design: Layout is the same (incorporating B&W design to the final CBI design), but the sewer invert elevation is at 834.50 at the wall, which would be 634.82 at the Debris Trap. At the conclusion of foundation construction, the interior fill must be left at about 838.50 (in order to mount and tie off the derrick on the derrick pad.) This allows for installation of the sanitary sewer after erection of the tower at a 1'-0" excavation depth. The remainder of the structural backfill is then placed to elevation 839.34 and the floor can be placed. The sewer cannot be installed with the foundation because of interference with erection crew and this interference would pose several hazards to the personnel working on the tower. The excavation requirements for a sewer at 1'0" below grade for approximately 54 LF (in structural fill) would be 4 CY. The excavation requirements for a sewer at 2.68' below grade for approximately 54 LF would be 12 CY.

SECTION 3 TOTAL: \$ 1,680.00

NOTE: If we were allow to elbow up the sewer at the ringwall, which is common in most commercial projects and allowed by the Illinois Plumbing Code, we would reduce the bury back to the designed 837.50 (inside the tower) and maintain the bury at the ringwall. This would not change the original design and thus would not warrant any adjusts in cost. This would have to be approved by the appropriate Authorities (HF Plumbing Inspector) having jurisdiction. The issue they may have is if the area is unheated..

- SECTION 1 TOTAL: ADD \$ 16,955.00
 - SECTION 2 TOTAL: ADD \$ 44,650.00 [CBI COMMENT: this is higher than previously requested due to the fact that now double drywall is required]
 - SECTION 3 TOTAL: ADD \$ 1,680.00
- NET: \$ 63,285.00

CBI Change Order No. 2 Items

1. Pillar Corrugation Closure Plates	\$15,980
2. Piping/Conduits Closure	<u>\$2,555</u>
Subtotal	\$18,535

Pillar Corrugation Closure Plates:

64 Closure Plates Required for closing off the area between the second floor curb angle and the out-flute. These area will create 'pockets' where blasting debris will accumulate and be difficult to blast and paint as well. A man-lift will be required to fit and weld these in place.

Detailing:	4 man-hours x \$81/hr = \$324
Fabrication:	10 man-hours x 70.25 = \$ 703
Material:	\$610
Shipping:	\$450
Construction:	1 Men x 2 days to trim, fit, tack 16 hours x 120.10 = \$1,922 1 hour each to weld 64 x 120.10 = \$ 7,686
Paint:	16 hours x &75/hr = \$1,200 \$150 material
Manlift:	\$850

TOTAL \$ 13,895 X 1.15 = \$15,980

Piping/Conduits Closure:

These areas must be filled with mineral wool then the top sealed with a type of caulk that resists smoke/fire. This will be done when the riser insulation is installed.

Estimate 2 men x 1 day. 16 hrs x \$120.10 = \$1,922 plus \$300 material.

TOTAL \$ 2,222 X 1.15 = \$2,555

CBI Change Order No. 3 Items

1. Install Penetrations in Column	\$575
2. Piping Modifications	\$3,129
3. Louver Modifications	<u>\$5,081</u>
Subtotal	\$8,785

Install Penetrations in Column

Drafting	1 hour x \$80	\$80	
Material	\$110	\$110	
Fabrication	1 hour x \$70.25	\$70	
Field Construct	2 hours x \$120.10	<u>\$240</u>	
Subtotal		500	
OH&P (15%)		<u>\$75</u>	
Total		\$575	\$575

Piping Modifications for Sprinkler

Subcontract Work (see attached)	\$2,980	
OH&P (5%)	<u>\$149</u>	
Subtotal	\$3,129	\$3,129

Louver Modifications

Subcontract Work (see attached)	\$4,675	
CBI Markup (5%)	\$234	
Touch up Paint (by CBI)		
(2 x hours x \$75/hr x 1.15%)	<u>\$172</u>	
Subtotal	\$5,081	\$5,081

CO#3 1/2



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: January 25, 2010	From: Marc F. Johnston
To: Jae Eismann	Pages: 12 (including this page)
With: CBI (Bolingbrook, IL)	Fax: (630) 378-7601
RE: Hoffman Estates, IL	Voice: (630) 378-7600

Message: Jae,

Per your January 25, 2010 e-mail, attached please find the following information:

1. Cost to replace the installed 8" x 6" flanged tee, with a 8" x 6" flanged cross. The cross will be interconnected in the 3 sides where the tee currently resides and the remaining 6" branch will be left open for connection by others.
 Total Cost: \$ 2,980.00 (Work will be completed during 2nd floor installation).

NOTE: CBI IS TO PROVIDE ADEQUATE SUPPORT ACROSS THE EXPANSION JOINT, TO ASSURE THAT ONCE THE TEE IS REMOVED THAT THE JOINT WILL NOT EXPAND UNDER THE WEIGHT OF THE NOW SUSPENDED (UNSUPPORTED) RISER.

Materials: \$ 760.00
 Equipment Rental: \$ 385.00
 Labor: \$ 1,835.00 (1-Laborer, 1- Superintendent for 8 hours) = \$ 2,980

2. Cost of 4 additional Pipe Bollards, per the specifications, \$ 1,450.00 each.
 Total Cost: \$ 5,800.00

Materials: \$ 2,680.00
 Labor and Equipment: \$ 3,120.00

Please call with any other questions or comments.

NOT ACCEPTED

Signed By

CO #3 2/2



"Fritz Korthase"
<fkorthase@windemuller.us>
03/19/2010 10:22 AM

To "Jae A Eismann" <JEismann@CBI.com>
cc
bcc
Subject Hoffman Estates

Jae,

Here is the Carnes exhaust fan submittal. They look to be marked up fine. This is one of the brands that the engineer suggested.

It was a little cheaper than the Greenheck, so the revised cost would be \$ 4675.00

This breaks our as follows:

Fan and louvers / controls:	\$ 2880.00
All other material:	\$ 705.00
Labor:	\$ 1090.00
TOTAL	\$ 4675.00

THANKS,

**Fritz Korthase
Windemuller / Montague
9228 S. 88th Ave.
Montague, MI 49437**

**231.894.2979 phone
231.894.1310 fax
231.730.5839 cell**

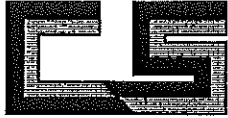
Change Order No. 4 Summary

1) Central States Automatic Sprinklers (see attached) \$22,285

2) Cross Points, Inc. / Fire Alarm System (see attached) \$ 5,995

TOTAL \$28,280

CO#4 1/3



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

708-489-9400

Established 1974

Fax: 708-489-9494

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

CONTRACTORS AND ENGINEERS OF AUTOMATIC SPRINKLER SYSTEMS

CO#4 2/3

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

CONTRACTORS AND ENGINEERS OF AUTOMATIC SPRINKLER SYSTEMS

CO #4 3/3

Cross Points, Inc.

10 E. Main St. Suite 101
East Dundee, IL 60118
847-888-1800
Fax: 847-882-1236

December 15, 2009

Baxter & Woodman, Inc.
5100 Eastpark Blvd Suite 200
Madison, , WI 53718

Re: Hoffman Estates Water Tower

Thank you, for allowing Cross Points, Inc. to bid on this project.

The following equipment is to be installed:

- 1 Control
- 1 Stand by Battery
- 1 Smoke above panel
- 2 Pull Stations (1st and 2nd fl)
- 4 Horn Strobes
- 2 Strobes
- 1 Outside Strobe
- 1 Point of Connection to Water Flow
- 1 Point of Connection to Tamper Valves
- 1 Lot Plans for approval for permit
- 1 lot testing with Fire Department
- 1 Point of Connection for Customer Supplied Radio

Installation Price: \$5,995.00

Conduit is not included in the above pricing.

No permit fee is included in above pricing.

All material used in this contract is to be as specified above and the entire job to be done in a neat, workmanlike manner during regular business hours. Any variations from plan or alterations requiring extra labor will be performed only upon written approval and billed in addition to the above sum covered in this contract. Agreements made with our workman are not recognized. No additional work can be performed without a written change order.

Cross Points, Inc.

By: _____
Thomas Karcz

Acceptance of the above specifications, terms and contract are satisfactory and (I)
(WE) hereby authorize the performance of this work.

Date: _____

By _____
Title:

THIS CONTRACT IS VOID IN 30 DAYS FROM THE DATE UNLESS SIGNED COPY IS
RETURNED.

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to extend 2009 contract for 2010-2011 Janitorial Maintenance Service for Village Hall, Bruce C. Lind Complex, Sue Kenley-Rupnow Center and Fleet Services Facility, including periodic cleaning extras, and add new services to contract for periodic cleaning of public space and EOC at Station #24, to Alpha Building Maintenance Service, Homer Glen, IL, in an amount not to exceed \$93,800.

MEETING DATE: April 26, 2010

COMMITTEE: Public Works & Utilities

FROM: Kenneth Hari, Director of Public Works
Paul Petrenko, Facilities Manager

PURPOSE: To provide janitorial maintenance for public buildings.

BACKGROUND: The current contracts for the janitorial maintenance on the Village Hall, Bruce C. Lind Complex (Police), Public Works Center, and Vehicle Maintenance Building were based on the evaluation of an RFP issued on April 4, 2010. A RFP, rather than a bidding process, was selected to enable staff to better evaluate a firm's qualifications and cleaning service methods. The RFP also stipulated that the successful firm was to be green certified and use eco-friendly (green) cleaning products to maintain LEED credits as outlined by the US Green Building Council (USGBC) for our Village buildings.

Subsequently, on May 4, 2009, the Board of Trustees awarded a one year contract for 2009-2010 for the Village Hall, Police facility, Public Works Center and Vehicle Maintenance building to Alpha Building Maintenance Service, Homer Glen, IL (best qualified proposal) for total contract monthly fee of \$5,450. The Village has the option to extend the contract for the 2010-2011 contract cycle (May 4th through May 2nd) if the current services that are being provided are determined to be acceptable.

DISCUSSION:

Alpha Building Maintenance Service's performance continues to be at a satisfactory level for all four Village facilities. The cleaning levels are closely monitored by staff to determine whether any corrections are needed. Any problems that have occasionally surfaced have been resolved expediently and to our satisfaction. The use of green products has also had a measurable impact on the quality of cleaning and the environmental sustainability of our facilities.

Due to the increased public use of facilities at Station #24, the extended contract includes additional periodic cleaning services of the public space and the EOC following only after public usage.

Staff has yet to determine final adjusted janitorial maintenance costs related to the new Police Station facility. A revised service proposal for the new Police facility will be requested from Alpha Maintenance Service once the building construction is substantially completed and compared to existing costs per square foot already provided at other Village facilities we will bring these costs back to the Committee. Alpha has to perform a walk through once the building is close to being occupied in order to secure an actual cost.

FINANCIAL IMPACT:

Funding to defray the total projected contract costs for 2010-2011 within the respective buildings was requested, approved and allocated within the applicable 2010 Facility program line accounts. This included a projected increase in cost related to the cleaning of the Police facility due to the larger amount of occupied building space and the need to develop an enhanced green cleaning program to assist with future LEED certification.

RECOMMENDATION:

Request authorization to extend 2009 contract for 2010-2011 Janitorial Maintenance Service for Village Hall, Bruce C. Lind Complex, Sue Kenley-Rupnow Center and Fleet Services Facility, including periodic cleaning extras, and add new services to contract for periodic cleaning of public space and EOC at Station #24, to Alpha Building Maintenance Service, Homer Glen, IL, in an amount not to exceed \$93,800.

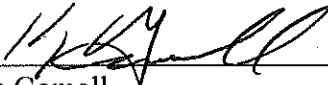
DEPARTMENT OF PUBLIC WORKS

MARCH MONTHLY REPORT

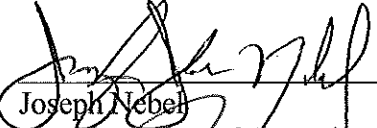
SUBMITTED TO PUBLIC WORKS COMMITTEE

APRIL 2010


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



Ken Gomoll
Superintendent of Administrative Services

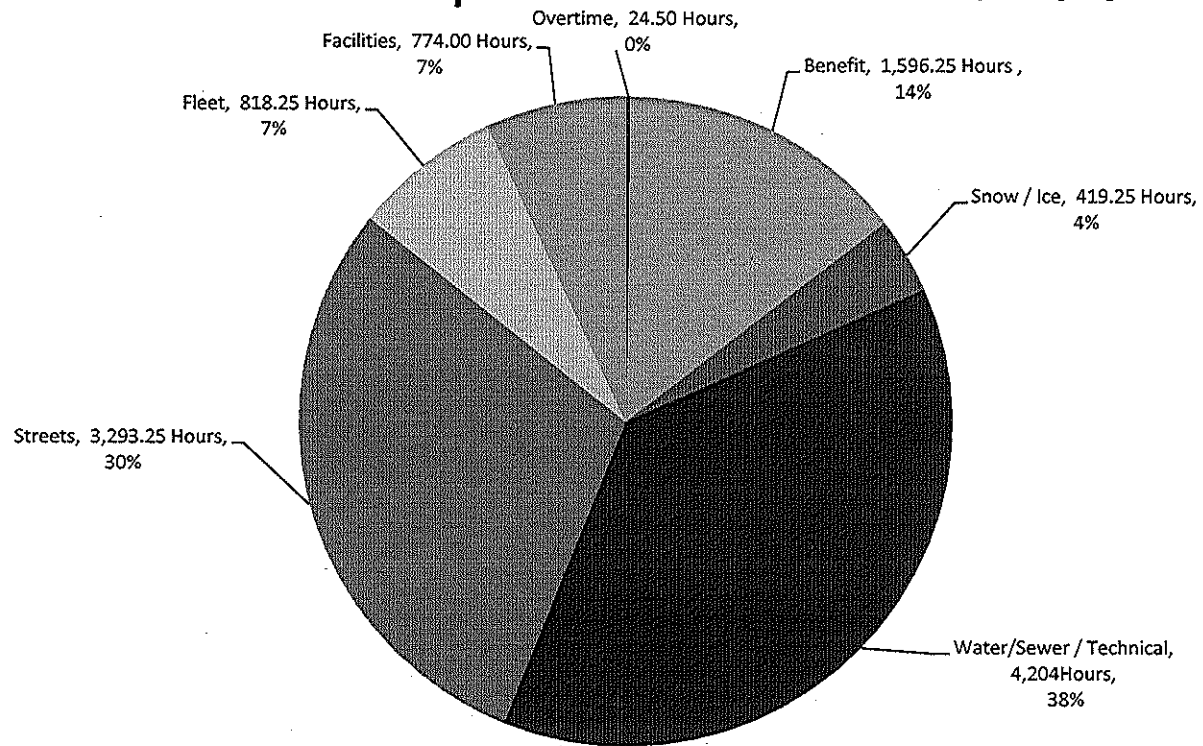


Joseph Nebel
Superintendent of Operations

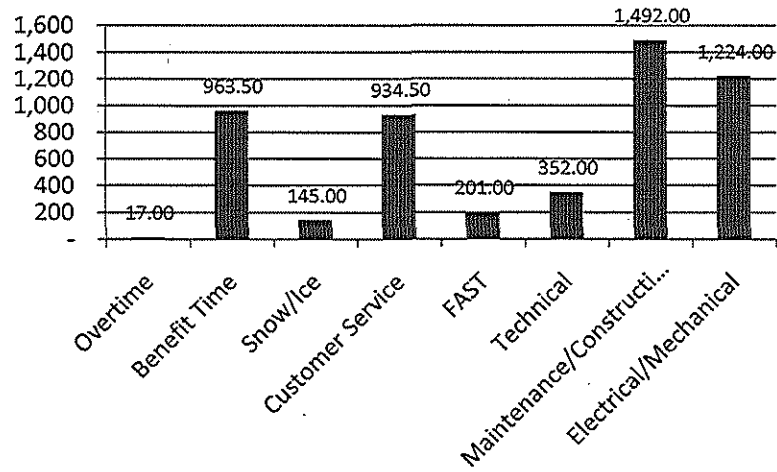


Kenneth Hari
Director of Public Works

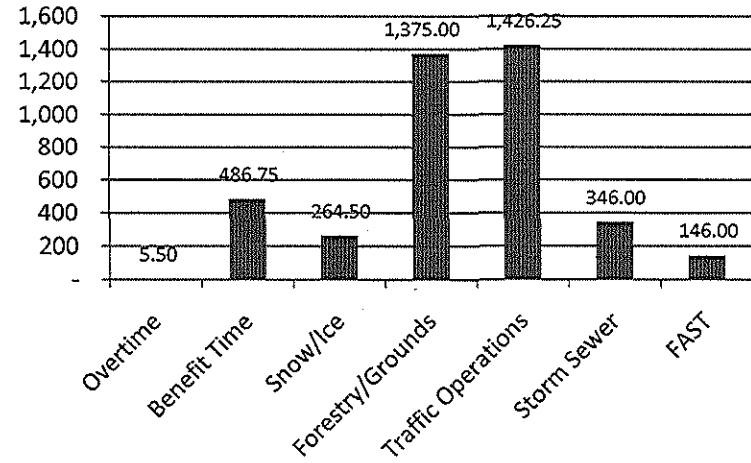
Public Works Department Total Hours March 2010



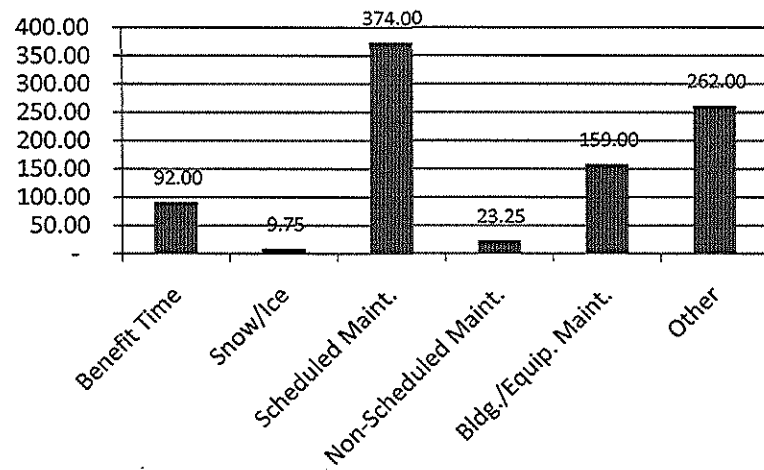
Water Total Hours March 2010



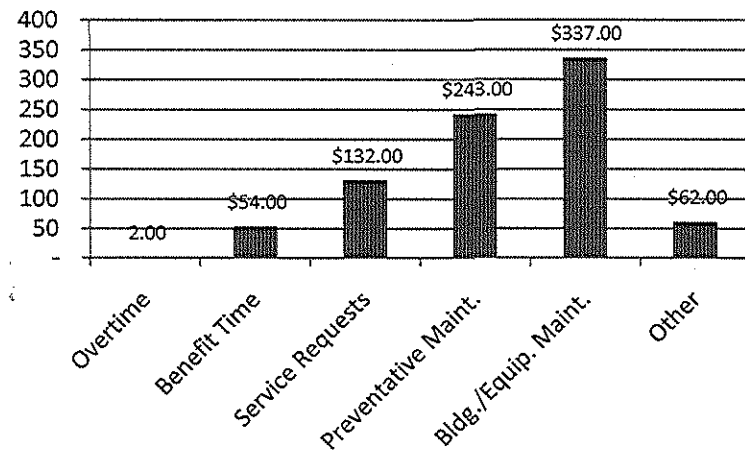
Street Total Hours March 2010



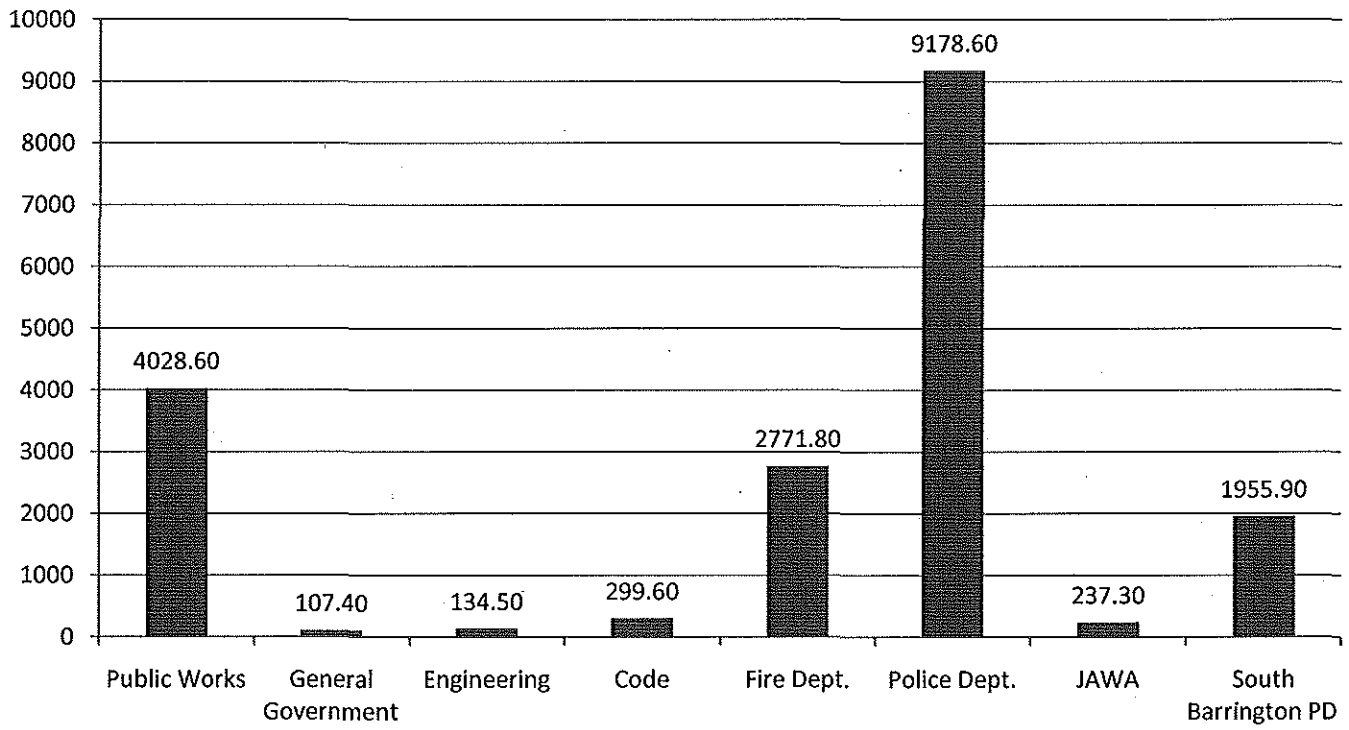
Fleet Total Hours March 2010



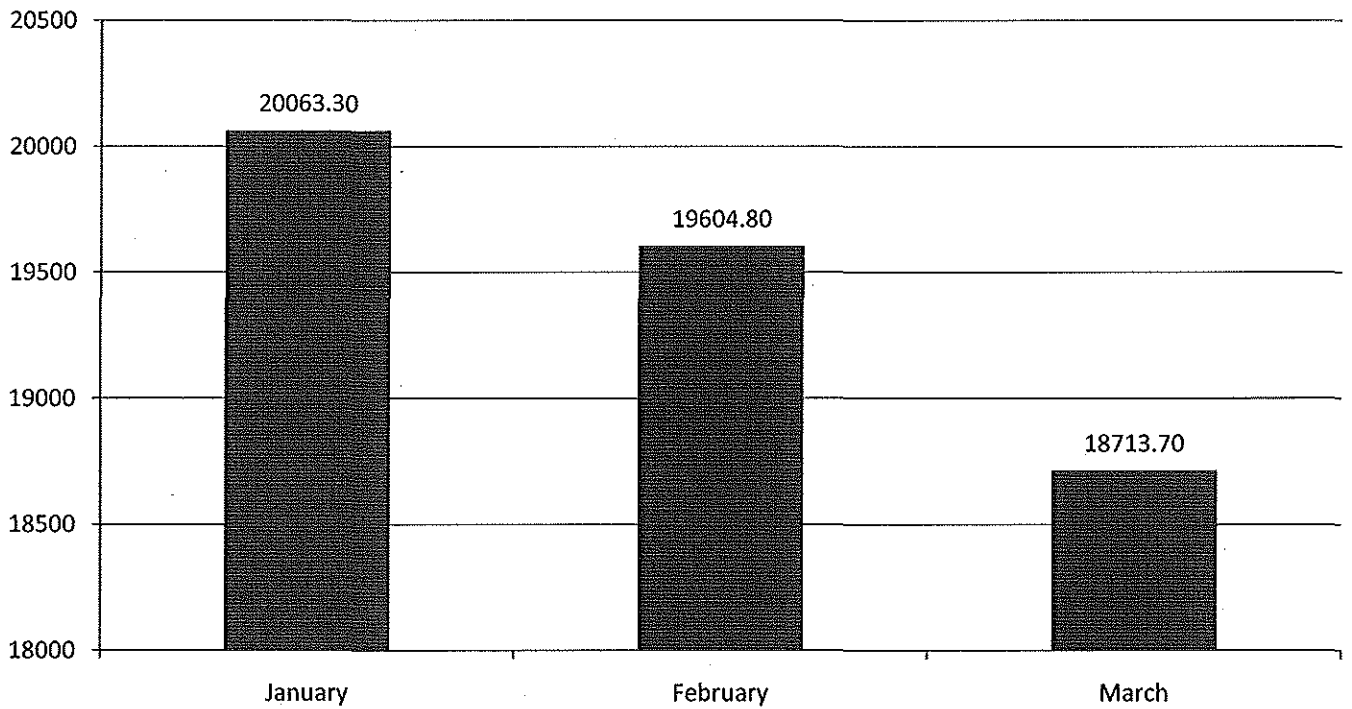
Facilities Total Hours March 2010



March 2010 Fuel Usage by Department / Gallons



2010 Total Fuel Used / Gallons



ADMINISTRATIVE AND TECHNICAL SERVICES

During the last month the following was completed:

1. Updated GIS street sign inventory
2. Updated GIS hydrant and valve aerial photos
3. Prepared Highland/Jones Sanitary Sewer Project presentation
4. Updated GIS valve location for Barrington Square Mall
5. Created hydrant flushing maps
6. Prepared water/sewer project binders for digital archiving
7. Participated in weekly site plan review meeting
8. Participated in IS User Group Committee
9. Performed download of M-Cal gas calibration readings per OSHA/IDOL requirements
10. Prepared articles for Citizen Newsletter
11. Supervised monthly job code data entry
12. Prepared monthly report charts
13. Coordinated R.O.W. pre-construction meetings
14. Performed monthly utility updates on utility locator field computers
15. Performed parts purchasing at Fleet Services
16. R.O.W Permits Issued (3): 1- AT&T installation of new fiber manhole at 1800 Huntington Blvd.; 1-Comcast replace existing damaged CATV cable at 1061 Atlantic Ave., 1-Com Ed new pole installation at Jones and Higgins Rds., and Roselle Rd. and Berkley Ln.

LOCATE TEAM

1. Performed 309 regular priority J.U.L.I.E. utility locates for the month; 494 year-to-date
2. Performed (18) emergency priority J.U.L.I.E. utility locates for the month; 63 year-to-date
3. Participated in (3) Utility Joint Meets; 10 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 48 requests for the month, 88 year-to-date
2. Emptied recycling bins at Public Works Center
3. Removed augers on Units 9 and 10 and installed material handlers
4. Performed street light inspections
5. Assisted with customer service appointments
6. Installed 46 new mailbox kits due to Snow/Ice Operations damage
7. Performed barricade inspections
8. Performed lamp inspections at Public Works Center
9. Performed site lock ups at Public Works Center and Fleet Services
10. Performed building maintenance at Fleet Services
11. Performed R.O.W. inspections
12. Removed and installed new pad for changeover switch at Chippendale well house
13. Performed water tower light inspections
14. Assisted SWAP with litter pickup along Higgins Rd.
15. Performed floor grate inspections at Public Works Center
16. Assisted with water meter re-reads
17. Transported 60 rain barrels from Skokie to Public Works Center
18. Delivered 520 information letters to residents in the Highlands regarding sanitary sewer work
19. Transported scissor lift to SCA
20. Prepared 3 rental tractors for return
21. Opened Village Green building
22. Transported vehicles for Safety Lane testing
23. Participated in Snow/Ice Control Operations

3	Answered Office Phones	2	Mailbox repairs
1	Investigation of Possible Water Leak	1	Meter Change Out
2	Sidewalk Deviations	10	Miscellaneous pick up/delivery
1	Graffiti removal	11	Dead animal pick ups
5	Debris in roadway clean ups	6	Investigations of sanitary sewer back ups
3	Woodchip deliveries	1	Curb repair

• **PAVEMENT TEAM**

1. Repaired potholes and sink holes at various locations throughout the Village
2. Performed Bode Road "S" curve guard rail maintenance and repaired (1) panel
3. Performed scheduled equipment maintenance on Unit #50
4. Assisted with sign fabrication
5. Performed street inspections and inventory for pavement repairs
6. Performed maintenance inspections on Old Sutton Rd., delineated area
7. Performed safety coordination for department tailgate training, lockout/tagout emergency responses, hazwopper, blood borne pathogens, confined space and trench shoring training, flagger training, fork lift, semi-dump and Unit 50 yard training
8. Assisted with street light repairs
9. Assisted with street light inspections

PAVEMENT TEAM cont'd

10. Performed thermoplastic pavement markings at Whispering Trails Dr. and Dogwood Dr., Whispering Trails Dr. and Alder Dr., Charlemagne Dr. and Bernay Ln., Glenwood Ln. and Thornbark Ct., and Sturbridge Dr. crosswalk
11. Assisted with SWAP curb line and parkway cleanup along Hassell Rd.
12. Performed garage maintenance at Public Works Center
13. Performed yard maintenance at Fleet Services
14. Performed large and small snow plow blade maintenance
15. Performed 2010 pavement marking inventory project
16. Performed purchasing/pricing for safety equipment, 2010 asphalt surface/cold patch and saw blades
17. Performed cold patch for water repair locations at SCA
18. Assisted with vehicle and equipment inventory
19. Performed parkway and curb line clean up along Bode Rd., Bernay Ln., LaFleur Ln., and 4225 Nottingham Ln.
20. Performed Snow/Ice equipment maintenance
21. Participated in Snow/Ice Control Operations

TRAFFIC OPERATIONS TEAM

• SIGNS

1. Performed maintenance on vehicles, tools and snow removal equipment
2. Repaired barricades
3. Assisted with street pavement patching
4. Assisted with street light repairs
5. Performed sign straightening, replacements and clearing sight obstructions at various locations throughout the Village
6. Removed road delineators used during Snow/Ice Control Operations
7. Replaced (3) handicap signs and (2) Do Not Enter signs in the Sears Centre Arena parking lot
8. Fabricated (21) directional signs and mounted them on barricades, for traffic control use during Sears Centre Arena events
9. Fabricated (6) "Higgins Road" signs at various locations in the 59/90 Poplar Creek area for directional purposes and mounted signs with existing "Illinois 72" signs
10. Performed garage maintenance at Public Works Center
11. Participated in Snow/Ice Control Operations

- STREET LIGHTS

1. Responded to 14 resident requests for repair service; 39 year-to-date
2. Repaired 49 street lights; 117 year-to-date (using 60 lamps, 7 ballasts, 1 small lens, 1 photocell and 2-10amp fuses), at the following locations from work requests: 1905 Blackberry Ln., NE c/o Leeds Rd. and Haverford Way, (6) Hoffman Blvd. R.O.W., (2) McDonough Rd. R.O.W., (4) Lakewood Blvd. R.O.W., Eagle Way R.O.W., 215 Grissom Ln. and 251 Grissom Ct., (2) Moon Lake Blvd. R.O.W., 1486 Brookside Dr., 1460 Paisley Ct., (4) Pratum Ave. R.O.W., (2) Trillium Blvd. R.O.W., (2) Beverly Rd. R.O.W., (6) Prairie Stone Pkwy R.O.W., (9) Forbs Ave. R.O.W., 4626 Mumford Dr., 251 E. Berkley Ln., 1390 Hunters Ridge, across from 1230 Dexter Ln., 965 and 1525 Freeman Rd., 4950 Castaway Ln., 4136 Crimson Dr., 1787 Monterey Ct., 975 Spring Mill Dr., 3820 and 3676 Huntington Blvd., and (1) Huntington Blvd. R.O.W.
3. Repaired street light cover at 700 Partridge Hill Dr.
4. Performed seasonal banner change outs Village-wide
5. Performed concrete street light pole inspections Village-wide
6. Repaired 3 street lights in SCA parking lot
7. Performed clean up and secured site of street light pole knock down at 1382 Diamond Dr.
8. Repaired broken seasonal banners on c/o Delaney Dr. and Shoe Factory Rd., and c/o White Oak Ln. and Shoe Factory Rd.
9. Performed plow blade and curb guard changes on large and small trucks
10. Performed Village street light inventory
11. Performed Village wide street light outage inspections
12. Assisted with sign installations
13. Located street light cables for sign installations, storm sewer and water excavations
14. Assisted with asphalt repairs
15. Performed garage maintenance at the Susan Kenley-Rupnow Public Works Center
16. Participated in Snow/Ice Control Operations

FORESTRY TEAM

1. Responded to requests for service; 22 for the month; 44 year-to-date
2. Performed routine tree maintenance, branch pick-ups, tree removals, corrective treatments, inspections and tree trimming
3. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center
4. Performed tree and turf equipment maintenance
5. Assisted traffic operations crew with cold patching
6. Attended bid opening for the 2010 contract tree trimming program
7. Performed measurement and logging of daily precipitation
8. Completed ground trimming along Rohrssen Rd., trees east side, and ground trimming of new plantings totaling 39 trees for the month
9. Tagged trees at nursery in preparation for Arbor Day and the 2010 spring planting program
10. Performed duties associated with stump grinding
11. Prepared North and South garden plots
12. Performed routine maintenance for trees on the 2004 and 2005 replacement tree program list, 67 trees for the month
13. Performed spring clean up duties at various mowing site locations and refreshed mulch
14. Prepared annual planting beds

FORESTRY TEAM cont'd

15. Conducted mowing contractor site tours and follow up
16. Attended chain saw safety training seminar at Arlington Power and Equipment
17. Performed snow fence removal
18. Performed removal of insects from Honey Locust trees at Village Hall and Post Office
19. Attended flagger training
20. Performed removal of tree wrap on 2009 fall tree plantings.
21. Performed removal and planned for replacement of trees along Hassell Rd., in conjunction with Com Ed removal replacement program
22. Transported vehicles to Safety Lane for testing
23. Performed maintenance on Snow/Ice Control equipment
24. Participated in Snow/Ice Control Operations

WATER & SEWER**• STORM SEWER TEAM**

1. Responded to 6 service requests for inlet repairs, 46 year-to-date
2. Performed monthly lake/creek checks and maintenance
3. Performed routine garage maintenance at the Susan Kenley-Rupnow Public Works Center
4. Performed vehicle equipment maintenance
5. Performed yard clean-up and maintenance at Fleet Services facility
6. Continued beaver dam checks east and west of Harmon Blvd.
7. Completed barricade checks
8. Performed spot repair of storm sewer pipe at c/o Rt. 72 and Trillium Blvd.
9. Completed inlet repair on Pratum Blvd. at Sears Centre
10. Replaced 25' of 12" pipe at Poplar Park at the c/o of Hassell Rd and Kensington Ln.
11. Assisted with annual hydrant flushing program
12. Straighten hydrant and installed new 6" mainline water valve at NE c/o of Bode Rd. and Woodlawn St.
13. Assisted with water leak repair at 162 E. Berkley Ln.
14. Participated in Snow/Ice Control Operations

- OPERATIONS TEAM

1. Collected (60) monthly water samples for bacteriological testing and (7) raw well water samples and (1) water quality complaint
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 shooting 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. Performed routine vehicle equipment and garage maintenance
12. Continued installation of new monitoring equipment for SCADA system at water sites and lift stations
13. Installed new changeover switch at Chippendale lift station
14. Installed new intake and check valve for Pump #1 Golf lift station
15. Reinstalled rebuilt pump #4 at WDA lift station
16. Monitored critical sanitary repairs project
17. Participated in Snow/Ice Control Operations

- CONSTRUCTION / MAINTENANCE TEAM

1. Performed water and sewer excavation barricade checks at various locations throughout the Village
2. Performed clean-up of spoil bins at Fleet Services
3. Performed routine vehicle, equipment and garage maintenance
4. Performed clean-up of spoils at water tower T-6
5. Performed clean up of salt dump trucks and picked up black dirt for Snow/Ice Parkway Restorations
6. Performed valve replacement repairs at SE c/o Bode Rd., and Western St., SE c/o Bode Rd. and Washington Blvd., 605 Ash Rd., Woodlawn St. and Bode Rd., 465 Kingman Ln., and 555 Washington Blvd.
7. Performed hydrant repairs at 1392 Diamond Dr. and 2305 Pembroke Ave.
8. Performed B-box replacement at 4525 Opal Dr.
9. Participated in water/sanitary storm sewer inspections in Beacon Pointe Subdivision
10. Assisted with hydrant flushing at various locations throughout the Village

- SANITARY SEWER FLOW MANAGEMENT TEAM

1. Updated maps of trouble lists, viewed man hole locations, televising, flushing and root cutting
2. Performed manhole wash-downs of trouble spots
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. Cleared blockages on Hassell Rd., Aberdeen St., and Audubon St.
7. Assisted Operations Division with contracted repair of Golf lift station
8. Performed maintenance and repair on sewer televising equipment
9. Completed flushing maintenance of sanitary sewer trouble spots
10. Identified need and ordered manhole lateral isolation equipment
11. Cataloged TV inspection videos
12. Assisted Fleet Services cleaning windows and drains
13. Performed post root removal treatment television inspection at various locations Village-wide
14. Assisted Operations Division with taking of "raw" samples at Poplar Creek
15. Performed sanitary TV inspections on Audubon St., and Aberdeen St.
16. Assisted with weekly water samples
17. Performed garage and equipment maintenance
18. Performed maintenance on Snow/Ice Control equipment
19. Participated in Snow/Ice Control Operations

- STORM SEWER CLEANING/UTILITY LOCATE TEAMS

1. Vacuumed and flushed 7,684 feet of storm sewer year-to-date
2. Performed leak investigations at 162 E. Berkley Ln. and 430 Bluebonnet Ln.
3. Repaired water leak at 162 E. Berkley Ln.
4. Completed new construction plan review for Acura Automobile dealer and St. Alexius temporary parking lot
5. Inspected north and south system water mains for possible leaks
6. Exercised water main valves in Parcels B and C
7. Completed March gas monitor calibrations
8. Vacuumed 1392 Diamond Dr., due to damaged fire hydrant from vehicle strike and repaired hydrant
9. Performed valve repair at 329 Glendale Ct. water main
10. Completed sanitary sewer service inspection at 695 Perry Ln., 1940 Pierce Rd., and 1275 Sturbridge Ct.
11. Worked with GIS Technician in preparing 2010 fire hydrant maps for flushing program
12. Cleaned storm sewer inlets in Parcel C
13. Repaired and adjusted water sanitary sewer frames in front of 155 Higgins Rd.
14. Repaired buried water main valves at 2211 Clifton Pl., 2206 Langdon Pl., and on Carnation and Bluebonnet Lns .

- STORM SEWER CLEANING/UTILITY LOCATE TEAMS cont'd

15. Participated in water main valve replacement at 805 Woodlawn St., SE c/o Bode Rd. and Washington Blvd., and 695 Bode Rd.
16. Assisted with sanitary sewer lift station pump repairs
17. Completed B-box repair at 1361 Bison Ln.
18. Investigated sanitary sewer problems at 290 Mohave St., and 4512 Crab Orchard Dr.
19. Participated in water/sanitary storm sewer inspections in Beacon Pointe Subdivision
20. Assisted contractor with new water service upgrade at 435 Bluebonnet Ln.
21. Transported 60 rain barrels from Skokie to Village Hall
22. Performed routine vehicle and equipment maintenance
23. Participated in Snow/Ice Control Operations

- CUSTOMER SERVICE/METER TEAM

1. Performed 27 Water Billing customer service appointments at various locations Village-wide
2. Performed 363 water meter readings related to actuals/finals/investigatory concerns generated through the Finance Department
3. Performed inter-office mail delivery services
4. Performed water meter readings for 15,646 billing accounts
5. Performed 131 water turn-off and turn-ons for delinquent service billing accounts
6. Repaired vault water meters in Parcels A and B
7. Performed corrective water meter repairs for 25 service requests
8. Assisted with J.U.L.I.E. locates
9. Performed 41 Meter Interface Unit repairs
10. Performed garage maintenance at Public Works Center
11. Participated in Snow/Ice Control Operations

Public Works Monthly Regular Hours Work Unit Report - March 2010

<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
ADMINISTRATION		
	BENEFIT TIME USE	16.00
	GIS	168.00
	<i>Total Hours for Work Unit</i>	<i>184.00</i>
ADMINISTRATION		
	SUPERVISION	184.00
	<i>Total Hours for Work Unit</i>	<i>184.00</i>
FACILITIES		
	BENEFIT TIME USE	54.00
	BUILDING EQUIPMENT	205.00
	BUILDING MAINTENANCE	103.00
	CALL DUTY	20.00
	FLEET SERVICES	4.50
	MEETING SET UP	8.00
	MISC. SITE MAINTENANCE	325.00
	NON-DIV. BLDG. MAINT.	65.50
	OTHER	0.50
	PORTABLE MESSAGE BOARD	2.00
	SAN. SEWER MAINT.	9.00
	SEARS CENTRE ARENA	18.00
	SPECIAL EVENTS	1.00
	SUPERVISION	23.00
	TRAINING	3.00
	VALVE MAINT.	4.00
	WATER DIST & REG COMPL	2.50
	<i>Total Hours for Work Unit</i>	<i>848.00</i>

<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
FLEET SERVICES		
	BENEFIT TIME USE	92.00
	CALL DUTY	39.00
	FLEET SERVICES	508.75
	GARAGE MAINT.	162.75
	OTHER	4.50
	SUPERVISION	152.00
	<i>Total Hours for Work Unit</i>	<i>959.00</i>
ST-FAST		
	BENEFIT TIME USE	24.00
	BUILDING MAINTENANCE	2.00
	CALL DUTY	14.00
	GARAGE MAINT.	26.00
	MISC. STREET MAINT.	116.00
	NON-DIV. BLDG. MAINT.	2.00
	SNOW & ICE MAINT.	14.00
	<i>Total Hours for Work Unit</i>	<i>198.00</i>
ST-FORESTRY/GROUNDS		
	ASPHALT REPAIRS	55.50
	BENEFIT TIME USE	84.00
	CALL DUTY	12.00
	EQUIPMENT MAINT.	167.25
	GARAGE MAINT.	34.00
	NON-DIV. BLDG. MAINT.	8.00
	OTHER	15.75
	SNOW & ICE MAINT.	193.50
	SUPERVISION	184.00
	TRAINING	3.00
	TREE MAINTENANCE	514.50
	TURF MAINTENANCE	396.50
	<i>Total Hours for Work Unit</i>	<i>1668.00</i>

<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
ST-STORM SEWER		
	B-BOX MAINT.	5.00
	BENEFIT TIME USE	16.00
	CALL DUTY	11.00
	EQUIPMENT MAINT.	7.00
	GARAGE MAINT.	21.50
	HYDRANT MAINT.	20.00
	OTHER	1.00
	SNOW & ICE MAINT.	6.00
	STORM SEWER CONST.	125.00
	STORM SEWER MAINT.	162.50
	VALVE MAINT.	4.00
	<i>Total Hours for Work Unit</i>	<i>379.00</i>
ST-TRAFFIC OPERATION		
	ASPHALT REPAIRS	397.50
	BENEFIT TIME USE	362.75
	CALL DUTY	17.00
	EQUIPMENT MAINT.	76.00
	GARAGE MAINT.	56.00
	MISC. STREET MAINT.	9.00
	NON-DIV. BLDG. MAINT.	8.00
	OTHER	43.50
	SEARS CENTRE ARENA	61.00
	SIDEWALK MAINT./CONST.	2.00
	SNOW & ICE MAINT.	51.00
	STREET LIGHT MAINT.	365.50
	SUPERVISION	169.25
	TRAFFIC CONTROL	214.00
	TRAINING	16.50
	TREE MAINTENANCE	8.00
	<i>Total Hours for Work Unit</i>	<i>1857.00</i>

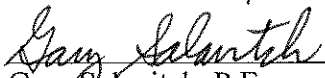
<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
W/S-CUSTOMER SERVICE		
	ASPHALT REPAIRS	1.00
	B-BOX MAINT.	22.00
	BENEFIT TIME USE	161.50
	CALL DUTY	47.00
	COMPOUND METERS	68.00
	CUSTOMER SERVICE	109.50
	EQUIPMENT MAINT.	12.50
	GARAGE MAINT.	6.50
	METER READING	140.75
	MISC. STREET MAINT.	85.00
	NON-DIV. BLDG. MAINT.	38.25
	OTHER	13.50
	SAN. SEWER MAINT.	4.00
	STREET LIGHT MAINT.	2.50
	SUPERVISION	130.50
	TRAINING	19.00
	UTILITY LOCATES	260.00
	VALVE MAINT.	21.50
	<i>Total Hours for Work Unit</i>	<i>1143.00</i>

<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
W/S-ELECT/MECHANICAL		
	BENEFIT TIME USE	416.00
	BUILDING MAINTENANCE	10.00
	CALL DUTY	43.00
	EQUIPMENT MAINT.	33.50
	GARAGE MAINT.	30.00
	LIFT STATION MAINT.	375.50
	LIFT STATION REPAIR	117.00
	NON-DIV. BLDG. MAINT.	24.00
	OTHER	8.00
	SAN. SEWER MAINT.	199.00
	SEARS CENTRE ARENA	8.00
	SEWER SERVICE INSP.	59.00
	SUPERVISION	184.00
	UTILITY LOCATES	3.50
	WATER DIST & REG COMPL	108.00
	WELL MAINT.	72.50
	<i>Total Hours for Work Unit</i>	<i>1691.00</i>
W/S-FAST		
	BENEFIT TIME USE	40.00
	CALL DUTY	20.00
	CUSTOMER SERVICE	2.00
	EQUIPMENT MAINT.	2.00
	MISC. STREET MAINT.	179.00
	NON-DIV. BLDG. MAINT.	16.00
	SAN. SEWER MAINT.	2.00
	SNOW & ICE MAINT.	127.00
	<i>Total Hours for Work Unit</i>	<i>388.00</i>

<i>DIVISION</i>	<i>ACTIVITIES</i>	<i>HOURS</i>
W/S-MAINT/CONST		
	B-BOX MAINT.	18.00
	BENEFIT TIME USE	330.00
	CALL DUTY	25.00
	EQUIPMENT MAINT.	131.50
	GARAGE MAINT.	92.00
	HYDRANT MAINT.	136.50
	JETTING / WASHDOWN	4.00
	LIFT STATION MAINT.	5.00
	NON-DIV. BLDG. MAINT.	4.00
	OTHER	15.00
	SAN. SEWER MAINT.	4.00
	SEWER SERVICE INSP.	8.00
	SNOW & ICE MAINT.	18.00
	STORM SEWER CONST.	139.50
	STORM SEWER MAINT.	183.50
	SUPERVISION	120.00
	TRAINING	4.50
	UTILITY LOCATES	16.00
	VALVE MAINT.	432.00
	WATER MAIN MAINT.	178.50
	<i>Total Hours for Work Unit</i>	<i>1865.00</i>

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

Attached is the Department of Development Services Monthly Report for Transportation and Engineering for the period ending April 23, 2010.



Gary Salavitch, P.E.
Director of Engineering

MISCELLANEOUS

- Staff has provided a resident with floodplain information to purchase the correct flood insurance for their home.
- There have been 25 drainage inspections for drainage investigations, room additions, backyard garages and driveway additions.

PROJECT STATUS

2010 Street Revitalization Project Estates – Award of contract has been completed and project to start on April 26 for 7 streets. Please refer to the attached schedule. Village Project Managers – Marty Salerno and Alan Wenderski.

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.

Autumn Woods – No change in the last month. Mass grading is on hold. Soil erosion control is ongoing. House construction has not started. Minor storm sewer completed. Village Project Manager – Terry White.

Barrington Square 2009 Renovation – Menards demolition complete, water main re-routing tested and back in service. Site work and restoration will resume in the spring. Village Project Manager – Terry White.

Beacon Pointe – No change in the last period. Beacon Pointe Drive extension and all interior roads are complete to the binder level. The Village is proceeding with acceptance of Beacon Pointe subdivision and the roadway this summer. House construction is ongoing for a few lots and there are 7 vacant home sites remaining. All utilities are complete. All signs installed. Village Project Manager – Terry White.

Devonshire Woods Estates – No change in the last period. The bank now owns this project and has refused to honor the letter of credit guarantee. 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. The street project team surveyed the rest of the subdivision for possible completion by the Village. Village Project Manager – Terry White.

EJ&E / CN Acquisition Project – Staff is working on the Noise Abatement Wall project as well as intersection improvements at Shoe Factory Road. Village Project Manager – Gary Salavitch.

Haverford Place – This subdivision is through the maintenance period. The one outstanding issue is buried utility boxes which were completed this summer. Ryland has extended the maintenance guarantee to cover the restoration and settlement. Village Project Manager – Gary Salavitch.

JCL Bioassay – Site and building work are complete. Just received as-builts for review. Temporary certificate of occupancy has been issued and punch list walk to be scheduled this spring. Village Project Manager – Terry White.

Police Station – Building and site work ongoing. All utilities are complete and tested. All parking areas are paved. Village Project Manager – Terry White.

Prairie Pointe, Phase I and Ring Road – No change in the last period. Both projects are on hold and near completion. Two left turn lanes to Prairie Pointe completed. Need as-builts for Prairie Pointe II. Ring Road work (Phase II) needs punch list walk. Village Project Manager – Terry White.

Prairie Stone Parcel 16 – No change in the last period. Clean up and regrading complete, sidewalk replaced. Erosion control in place, mass grading is complete. Twin storm lines completed and no other site utilities. Village Project Manager – Terry White.

St. Alexis Hospital – Hospital working on the central plant relocation project with building work. Village Project Manager – Terry White.

Yorkshire Woods – No change in the last period and no new house construction with four remaining lots. Utilities are complete and streets to the binder level. Village acceptance will be started this summer, while working with Bond Company to complete the public improvements in this subdivision. We understand that the bank owns the remaining lots. Village Project Manager – Terry White.

2010 Street Revitalization Project Schedule Update: (April 12, 2010)

RESURFACING STREETS	Start Date ¹	Pre-Construction		Construction								Landscaping		Percent Complete	
		Survey	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Asphalt Patching	Asphalt Surface	Backfill Topsoil	Sod & Seed		
1. FORTUNE BAY COURT Mumford Dr to End of the street	5/5/2010														
2. PATRIOT LANE Firestone Dr N to Lexington Dr	5/3/2010														
								Completed				In Progress			

¹Tentative / Actual

All resurfacing streets to be completed within 30 days of start date

Definition of Construction Steps:

- Survey Staking: Village engineers evaluate existing conditions and use wooden stakes as a point of vertical and horizontal reference.
- Tree Root Pruning: A circular saw machine cuts tree roots to reduce damage to the tree during construction.
- Saw Cutting: A circular saw machine cuts the concrete and asphalt at construction joints.
- Concrete Removal: The contractor removes existing sidewalk, curb and gutter, and driveway aprons that will be replaced.
- Asphalt Removal: The contractor either uses a backhoe or milling machine to remove existing asphalt layers.
- Earth Excavation: Removal of the all materials located below the existing road to a stabilized subgrade.
- Sub base Backfill: The installation of stone to a depth of 6"-8" with a layer of geotextile fabric.
- Storm Sewer: Repair and replacement of existing storm sewer structures and pipes.
- Curb & Gutter: The installation of concrete curb & gutter utilizing mechanical equipment or hand tools.
- Driveway Aprons: The replacement of asphalt and concrete driveway aprons.
- Sidewalks: The replacement of concrete public sidewalks.
- Fine Grading: The shaping of the stone sub base to ensure drainage, compaction, and elevation.
- Asphalt Binder: The lower levels of asphalt ranging from 4.5" - 6.5" in thickness.
- Asphalt Patching: Repair of localized pavement failures on resurfacing streets.
- Asphalt Surface: The final layer of asphalt. Striping is completed with this step.
- Backfill Topsoil: Placement of topsoil to areas that have been disturbed during construction.
- Sod & Seed: Placement of sod and seed to areas that have been disturbed during construction.

2010 Street Revitalization Project Schedule Update: (April 12, 2010)

RECONSTRUCTION STREETS	Start Date ¹	Pre-Construction			Construction													Landscaping		Percent Complete
		Survey Staking	Tree Root Pruning	Sawcutting	Concrete Removal	Asphalt Removal	Earth Excavation	Sub base Backfill	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Fine Grading	Asphalt Binder	Asphalt Surface	Backfill Topsoil	Sod & Seed			
3. AUDUBON STREET PH 1 Aberdeen St to 665 Audubon	6/1/2010																			
4. AUDUBON STREET PH 2 665 Audubon to Higgins Rd	6/14/2010																			
5. BERKLEY LANE E PH 1 Arizona Blvd to Clarendon St	5/19/2010																			
6. BERKLEY LANE E PH 2 Clarendon St to End of the street	6/7/2010																			
7. CONCORD LANE Firestone Dr N to Lexington Dr	4/26/2010																			
8. TREATY LANE Winston Dr to End of the street	5/5/2010																			
9. WESTERN STREET Flagstaff Ln to Maple Ln	6/21/2010																			
														Completed				In Progress		