

**VILLAGE OF HINSDALE
ENVIRONMENT AND PUBLIC SERVICES COMMITTEE MINUTES
MONDAY, MARCH 10, 2014**

Chairman Laura LaPlaca called the meeting of the Environment and Public Services Committee to order at 7:35 P.M., Monday March 10, 2014, in Memorial Hall of the Memorial Building, 19 East Chicago Avenue, Hinsdale, IL.

PRESENT: Chairman Laura LaPlaca, Trustee William Haarlow, Trustee Gerald Hughes, Trustee Bob Saigh

ABSENT: None

ALSO PRESENT: George Franco, Director of Public Services; Tom Bueser, Deputy Director of Public Services; Dan Deeter, Village Engineer.

Approval of Minutes – February 10, 2014

The EPS Committee reviewed the minutes from the February 10, 2014 meeting. Chairman LaPlaca revised some wording concerning the 629 S. Garfield circular drive. Trustee Saigh noted two spelling errors. Trustee Haarlow motioned for approval of the revised February 10, 2014 minutes. Trustee Saigh seconded. The motion passed unanimously.

Public Services Monthly Report

Mr. Franco updated Committee on the Village's salt supply which is approximately 100-125 tons and 60 tons of sand. Due to weather factors the \$60,000 budget for deicing chemicals is well over budget and currently at approximately \$90,652. The response to 23 water main breaks was noted as well. Contractual tree trimming has continued with crews completing the area north of Ogden Avenue and currently working in the area bounded by Jackson St. and Bodin St. on the east and west and Hinsdale Avenue and 55th St. to the north and south.

Trustee Hughes inquired how many tons of salt are utilized during normal operations. Mr. Franco stated that approximately 65 tons of salt are utilized during a snow event under 2 inches. Trustee Hughes noted that due to the limited availability of salt, its use has been reduced for the month. Mr. Franco concurred stating that to preserve current salt supply crews have only been salting main arterial roadways, feeder streets to Ogden Ave. & 55th Street, hills, and school zones.

Trustee Saigh noted that with the current thaw he has noticed several sump pump discharges which are causing ice on sidewalks and streets. He inquired if there is

anything the Village can do to alert builders to this issue. Mr. Deeter stated that during plan review options are investigated for locations of sump pump discharges. Also noted was that many of these locations are in areas of combined sewers where we are not allowed to discharge directly to the sewer main. Staff has been preparing a list of these locations and will present it to Committee at a future meeting. Trustee LaPlaca noted that homeowner maintenance of these areas should be researched while considering options, and noted that other towns use door hangers to alert homeowners of these types of discharges.

Vactor Repair Update

Mr. Franco provided Committee an update on previously approved repairs to the 1996 Vactor debris box. He noted that after sandblasting the steel is in poor condition which will not allow for coating of the tank. Staff physically inspected the tank and is in the process of receiving updated quotes for a new debris box which will be rebudgeted for FY 2014-15 due to the lead time for the tank to be fabricated.

Trustee Saigh inquired if the Vactor will be available during 2014. Mr. Franco stated that the unit is currently not available for use due to the inability to hold vacuum due to the holes in the box. Once final quotes are received, staff will present these to Committee for approval. Repairs will hopefully be completed by the end of June. Trustee LaPlaca noted that the equipment is not functional in its current condition.

Roadway Grinding and Patching

Mr. Franco updated Committee on the upcoming concerns Public Services has with the current status of roads and pothole patching operations, the 45 water main break restorations, and the effect on the grinding and resurfacing program. Additional funding from Committee was brought up to assist Public Service crews with the repairs.

Trustee LaPlaca commented that there are concerns about the conditions of roadways due to the winter season. One option that was suggested is to investigate a separate project to address roads damaged due to this winter's weather. Mr. Franco noted that due to road conditions, the grinding program will be going backwards.

Trustee Hughes inquired if there is sufficient funding for road reconstruction; what are the effects from this years winter season; and are we facing additional costs due to the winter season accelerating the decline of streets? Mr. Deeter responded that the snow/ice/water certainly weaken roads, those which are in poor condition will see accelerated decay. Mr. Deeter also noted that road conditions will be checked during the next month and reported back to Committee. Trustee Hughes inquired if every road is closer to needing maintenance after the winter. Mr. Deeter responded that not necessarily every road and used Chestnut Street as an example of a road which has held up well to the conditions.

Trustee LaPlaca noted that after the assessment there may be revisions to the MIP. Staff should determine what can be done in house and what can be done to put roads back into good driving condition. Trustee LaPlaca and Hughes noted that the brick streets are in bad shape and should be included in the assessment. Mr. Deeter concurred. Trustee Hughes directed Mr. Deeter to make sure the assessment includes all considerations for the decision making process (i.e. road condition, water main condition, sewer system, etc).

Engineering Monthly Report

Mr. Deeter updated the Committee on the engineering activities during the previous month. The Veeck Park Wet Weather Facility did experience an overflow on February 20th as a result of a 1.07-inch rain and frozen ground.

The Oak Street Bridge Phase 2 design team has been following the schedule provided in the committee's packet. There will be a public meeting on April 29th during the Village Board of Trustees' meeting to update the public on the bridge design progress. Chairman LaPlaca noted that a traffic meeting will be held either the week before or after spring break. Once the date is established, interested parties will receive notices from the Village.

Mr. Deeter informed the Committee that the Village will be contributing \$2,500 to the Busse Woods Dam modification design study to support flood control measures on Salt Creek.

To Recommend Adoption of an Ordinance Vacating Half of a Public Alley Right-of-Way Situated South and Adjoining 746 W. Hinsdale Avenue at a Purchase Price of \$13,500.

Chairman LaPlaca provided summary information on this item. Mr. Deeter noted that the vacated portion of the alley will have a utility and drainage easement across it in case the Village needs to use the alley in the future for those purposes. Trustee Saigh moved to approve. Trustee Hughes seconded. The motion passed unanimously.

To Award the Engineering Services for Construction Observation of the 2014 Reconstruction Project to James J. Benes & Associates the Amount Not to Exceed \$151,883.00.

Chairman LaPlaca summarized the agenda item noting that Benes had provide the design engineering for this project. It is the Village's practice to award the construction observation to the same consultant for continuity. And, Benes has honored the construction observation costs that were presented last year as part of their design proposal. Mr. Deeter provided an updated copy of the Benes proposal to the Committee

to correct some typographical errors. After some discussion, Trustee Hughes moved to approve. Trustee Saigh seconded. The motion passed unanimously.

To Award the 2014 Reconstruction Project to John Neri Construction Company, Inc. in the Amount Not To Exceed \$3,638,571.00.

Mr. Deeter summarized the bidding process that culminated in John Neri Construction being identified as the lowest responsible bidder. Chairman LaPlaca asked if there would be an opportunity to add streets to the contract that were damaged during this winter. Mr. Deeter and Mr. Nick Neri, President of John Neri Construction, said we would be able to add additional roads that are in close proximity to the project.

Chairman LaPlaca asked if John Neri could handle the two construction projects at once. Mr. Neri discussed his company's capabilities, their plan for conducting the construction, and John Neri Construction's good performance during the 2012 Reconstruction Project. He was confident that they can provide good service to the Village on both these projects.

With no further questions, Trustee Saigh moved to approve. Trustee Haarlow seconded. The motion passed unanimously.

To Award the Engineering Services for Construction Observation of the Woodlands Phase 2 Project to HR Green, Inc. in the Amount Not to Exceed \$179,360.00.

Chairman LaPlaca summarized the agenda item noting that HR Green had provide the design engineering for this project, it is the Village's practice to award the construction observation to the same consultant for continuity, and HR Green has honored the construction observation costs presented last year with their design proposal. Mr. Scott Creech from HR Green stated he was comfortable with their proposal if the contractor completes his work on time.

Chairman LaPlaca noted that there was some additional cost in the Woodlands Phase 1 due to problems with the landscaping sub-contractor. She asked if this issue is being looked at. Mr. Creech and Mr. Deeter have been discussing the landscaping issue with John Neri Construction during Phase 2.

Chairman LaPlaca asked Mr. Creech if he felt that John Neri was capable of doing this construction work. Mr. Creech stated that John Neri had provided good service during the 2012 N. Washington Reconstruction project. Additionally, Neri was well under the IDOT total project value that John Neri Construction could handle in a year. For these reasons, he felt they could provide good service to the Village on this project.

With no further questions, Trustee Hughes moved to approve. Trustee Haarlow seconded. The motion passed unanimously.

To Award the Woodlands Phase 2 Construction Project to John Neri Construction Company, Inc. in the Amount Not To Exceed \$3,118,004.75.

Chairman LaPlaca summarized the agenda item. With not questions, Trustee Saigh moved to approve. Trustee Haarlow seconded. The motion passed unanimously.

50/50 Sidewalk Program Motion: To Approve A Resolution for Maintenance of Streets and Highways by Municipalities under the Illinois Highway Code.

Mr. Deeter summarized this resolution to appropriate the budgeted funds for the annual 50/50 sidewalk program. He reminded residents that if sidewalks were damaged by parkway tree roots, then the Village would pay for the repair 100%. If the sidewalk was damaged due to any other reason, the cost would be split 50/50 between the Village and the resident. The deadline for resident submittals is April 16, 2014. With not questions, Trustee Haarlow moved to approve. Trustee Saigh seconded. The motion passed unanimously.

To Approve the award of bid #1553 for custodial services year 1 to All Cleaners Inc. in the amount of \$64,392.

Mr. Franco provided summary information on this item noting that the low bid received was from All Cleaners in Willowbrook, IL. Staff has contacted two references with favorable results. Also noted was that this is a two year contract; however, the RBA is only for year 1. After some questions, Trustee Haarlow moved to approve. Trustee Hughes seconded. The motion passed unanimously

Adjournment

With no further issues to be brought before the Committee, Trustee Saigh moved to adjourn. Trustee Haarlow seconded. Motion carried and the meeting was adjourned at 8:34 P.M.

Respectfully submitted,

Dan Deeter
Village Engineer

MEMORANDUM

DATE: 4/3/14
TO: CHAIRMAN LA PLACA AND THE EPS COMMITTEE
FROM: GEORGE FRANCO
SUBJECT: PUBLIC SERVICES MONTHLY REPORT-MARCH 2014

The Public Service Department dispatched snow and ice crews 8 times during March spreading 109 tons of rock salt and 73 tons of sand on Village roadways, and another 2.25 tons of bagged de-icing material used on village sidewalks, ramps, and stairs. The cost for chemicals during the month of January is approximately \$8,137 for rock salt, \$1,366 for sand, and \$917 for bagged material. An approximate total monthly chemical cost during these snow events is \$10,420. These crews have logged approximately 290 overtime hours and 236 regular hours to complete plowing and salting operations on roadways which included removing snow from the Business District 2 times. A comparison of time and materials related to snow and ice operations from this year to last year (through March 31, 2014) is as follows:

	FY 2013-14	FY 2012-13
Crews Dispatched	49	26
Regular hours	754	474
Overtime hours	2,626	759.5
Salt	1,653 tons	1,104 tons
Sand	187 tons	0 tons
Bagged Material	15.75 tons	5.75 tons
Liquid Calcium	3,800/gal	635/gal
Estimated Chemical Cost	\$90,652	\$61,621.30

All snow and ice removal equipment has been inspected and repairs are ongoing due to wear and tear damage to trucks and plows over the long winter season. As temperatures begin to moderate, these vehicles will be broken down to aid in upcoming tasks.

Public Service crews also responded to and repaired five water main breaks during the month of March. These crews have logged approximately 35 hours of overtime to complete repairs to the water distribution system. The dates, locations, and pipe sizes of the water main breaks are as follows:

- | | | | |
|----|---------|-----------------------------------|--------------------------|
| 1. | 3/7/14 | 107 E. Walnut St. | 4 inch cast iron main |
| 2. | 3/13/14 | 541 Bonnie Brae Rd. | connection to main |
| 3. | 3/17/14 | 121 Symonds Dr. | 3 inch cast iron service |
| 4. | 2/18/14 | 600 Mills St. | 6 inch cast iron main |
| 5. | 2/24/14 | 3 rd St. and Grant St. | 4 inch cast iron main |

The month of March brought a freeze thaw period which lasted approximately 3 weeks. During the month, crews spent over 273 man hours and 66.5 tons of cold mix material to improve pot hole conditions on roadways. The last week of March and the first week of April allowed these crews to start making progress in the various sections of town as temperatures moderated above freezing. Patching crews will continue to be out until an entire round of cold patching is completed; after which problem areas will be monitored and maintained. The Public Services department has been focusing on completing other tasks which include:

- The completion of layout and striping 11 of the 32 athletic fields for the upcoming athletic season.

- The repair of four decorative lights located on the Highland Train Station platform.
- Staff reviewed and commented on 12 tree preservation plans submitted for building permits.
- Inspection of the submersible pumps located at the Veeck Park CSO facility. Staff is currently waiting for manufacturer recommendations for the repair of one of these pumps.
- The cleaning of the two pavilions at KLM.
- The cleaning of 1,225 feet of catch basin inlets to alleviate flooding concerns.
- The completion of plumbing repairs in the filter room of the Community Pool due to frozen pipes. All water is functional in the building except for the irrigation system which will require a new RPZ device.

Cc: Kathleen Gargano, President Cauley, and Board of Trustees

PUBLIC SERVICE MONTHLY REPORT FOR MARCH

2014.00

ROADWAY

11.00 SIGNS
9.00 POSTS
2.00 SIGNS REPAIRED
66.25 TONS OF COLD MIX USED FOR POTHOLES
0.00 TONS OF HOT MIX
32.00 TONS OF GRAVEL FOR ALLEYS
0.00 WHITE PAINT
0.00 YELLOW PAINT
40.00 MAN HOURS BASIN TOP CLEANING
30.00 MAN HOURS ALLEY GRADING
0.00 MAN HOURS ALLEY TRIMMING
0.00 YARD OF CONCRETE

SNOW / I

8.00 Times crews where called out for snow and ice.
109.00 Tons of road salt used
73.00 Tons of sand used
2.25 Tons of salt + calcium for walks, ramps, stairs and train platforms.

TREE MAINT

0.00 TREES TRIMMED BY VILLAGE STAFF
3.00 TREES REMOVED BY VILLAGE STAFF
0.00 ELM TREES DETECTED BY ST. Pub. Private
0.00 ELM TREES REMOVED BY STAFF
0.00 ELM TREES THAT HAVE HAD AMPUTATED LIMBS
0.00 TREE STUMPS REMOVED
0.00 TREES PLANTED
0.00 TREES TRIMMED BY CONTRACTOR
0.00 NON ELMS REMOVED BY CONTRACTOR
1.00 ELMS REMOVED BY CONTRACTOR
2.00 ASH TREES REMOVED DUE TO 344 since Feb. 2011

EQUIP MAINT

9.00 SCHEDULED MAINT
35.00 UNSCHEDULED REPAIRS

WATER OPERATIONS

78562.00 GALLONS OF WATER PUMPED TO DISTRIBUTION SYSTEM
58938.00 PUMPED IN MARCH 2013
1225.00 FEET OF SEWER LINES CLEANED
2.00 SEWER BACKUP INVESTIGATIONS
1.00 BASINS REPAIRED
0.00 BASINS REBUILT
0.00 BASINS CLEAN FROM DEBRIS INSIDE
67.00 METER READINGS
3.00 WATER METERS REPAIRED
4.00 WATER METERS INSTALLED
0.00 HYDRANTS REPAIRED
1.00 HYDRANTS FLUSHED
4.00 WATER MAINS REPAIRED
0.00 SEWER SERVICE LOCATED
289.00 J U L I E LOCATE REQUEST
1.00 WATER CONNECT OR DISCONNECT INSPECTIONS
4.00 VALVES EXERCISED
0.00 VALVES REPAIRED
5.00 WATER METERS REMOVED
0.00 SEWER CONNECT INSPECTIONS
0.00 FOUNTAINS SERVICED

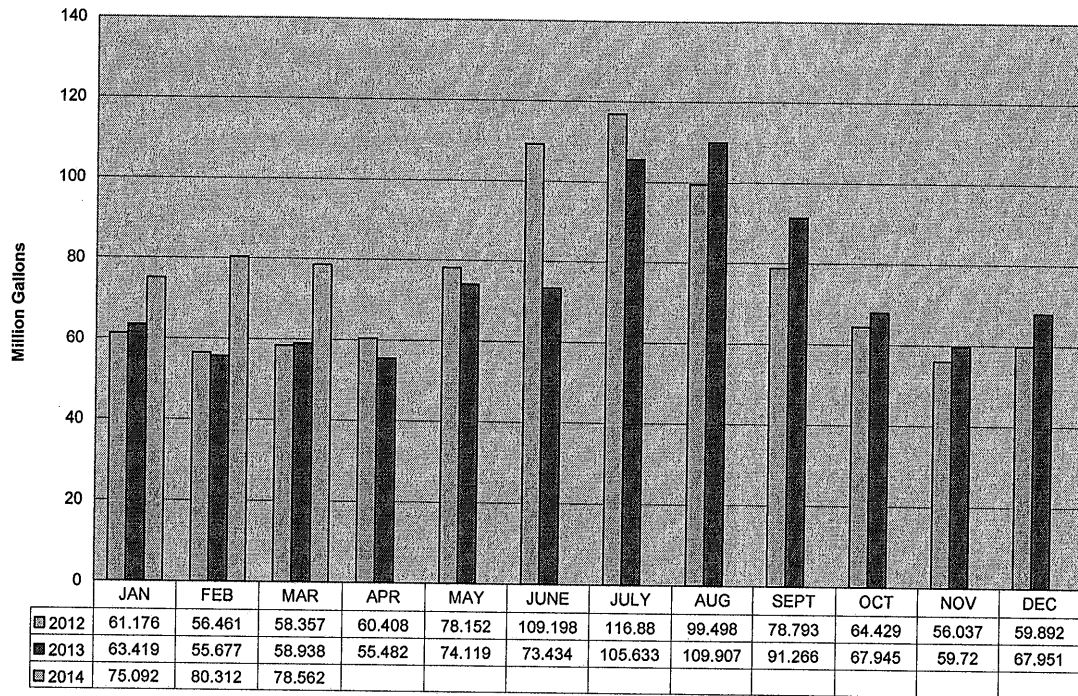
PARKS MAINTENANCE

Parks Maintenance crews continued routine maintenance including cleaning and stocking park facility bathrooms and emptying garbage receptacles in the business district and parks. Snow removal was performed in various parking lots and sidewalk. Preventative maintenance was completed on all small engine equipment and Unit #40 Kubota (tractor) is ready for the 2014 season. Staff completed maintenance on the Burns Field ice rink. De-construction has begun on the rink and will be complete as soon as weather permits. Staff began opening park grounds for the 2014 season. Crews began laying out athletic fields at KLM, Robbins and Veeck Park. 11 of 32 requested fields have been completed. Staff estimates all fields will be ready by mid April. Picnic tables were removed from storage at Katherine Legge and the two pavilions were cleaned of debris.

BUILDING MAINTENANCE

Building maintenance crews have been monitoring and servicing heating systems in Village owned buildings, making repairs as needed. Service calls for the month of March include: Repair of plumbing components at the FD/PD building after a water service leak was completed, heating system repairs at the Youth Center, Pool filter room, and Humane Society building at KLM. All electronic fire suppression systems were tested. Lighting repairs were completed at KLM Lodge, Brush Hill Station and Memorial Hall.

MONTHLY PUMPAGE



MONTHLY REPORT FOR March, 2014

# of Bacteria samples	<u>25</u>
# of field chlorine	<u>24</u>
# of field turbidities	<u>21</u>
# of lab chlorine	<u>26</u>
# of lab turbidities	<u>26</u>
# of lab pH	<u>26</u>
# of lab fluoride	<u>26</u>
# of precipitation readings	<u>0</u>
# of temperature readings(air)	<u>26</u>
# of temperature readings(water)	<u>31</u>
# of DBP samples	<u>0</u>
# of Pumps serviced	<u>7</u>
# of Sprinkling Violations	<u>0</u>
# of Special Well Samples	<u>0</u>

High Service and Well Pump Maintenance

March 2014

High Service Pump Motors

High Service Pump Motor #1- Check oil and lubricate grease fittings

High Service Pump Motor #2- Check oil and lubricate grease fittings

High Service Pump Motor #3- Check oil and lubricate grease fittings

High Service Pump Motor #4- Check oil and lubricate grease fittings

Well Pump Motors

Well #2 Pump Motor- Check oil, grease fittings, and run for Bacteria Samples.

Well #5 Pump Motor- Check oil, grease fittings, and run for Bacteria Samples.

Well #10 Pump Motor- Check oil, grease fittings, and run for Bacteria Samples.

VILLAGE OF HINSDALE - IL 0434520

MONTHLY REPORT

Month: March, 2014

Day	Dist x1000	Finished Water				Air Temp Average	Total Precip
		Free CL ₂ Avg (mg/l)	Turbidity Avg (NTU)	Fluoride Avg (mg/l)	H ₂ O Temp Average		
1	2621	1.02	0.03	1.16	33	22	0.00
2	2558				35		0.00
3	2627	1.05	0.03	1.20	33	19	0.00
4	2656	1.07	0.03	1.15	35	21	0.00
5	2646	1.06	0.03	1.12	35	19	0.00
6	2650	1.02	0.03	1.18	35	21	0.00
7	2621	1.03	0.03	1.18	35	20	0.00
8	2531	1.06	0.03	1.03	34	19	0.00
9	2647				35		0.00
10	2605	1.09	0.02	1.12	35	45	0.00
11	2530	0.99	0.01	1.10	36	41	0.00
12	2195	1.05	0.01	1.08	36	28	0.00
13	2637	1.04	0.01	1.09	35	38	0.00
14	2679	1.01	0.02	1.08	36	40	0.00
15	2574	1.00	0.02	1.12	36	45	0.00
16	2467				36		0.00
17	2597	0.99	0.02	1.09	36	38	0.00
18	2642	0.98	0.02	1.20	36	40	0.00
19	2609	1.01	0.02	1.16	36	35	0.00
20	2548	1.00	0.02	1.12	36	42	0.00
21	2429	0.96	0.03	1.07	36	50	0.00
22	2418	1.01	0.02	1.11	37	43	0.00
23	2521				36		0.00
24	2558	1.01	0.02	1.13	36	50	0.00
25	2494	1.02	0.02	1.08	36	40	0.00
26	2506	1.00	0.02	1.12	36	45	0.00
27	2474	1.01	0.02	1.11	36	35	0.00
28	2452	1.02	0.02	1.16	37	38	0.00
29	2331	0.95	0.03	1.16	37	41	0.00
30	2221				37		0.00
31	2295	0.94	0.03	1.03	38	60	0.00

Report Generated: 4/2/2014 9:47:21 AM

Day	Dist x1000	Free Cl_2 Avg (mg/l)	Turbidity Avg (NTU)	Fluoride Avg (mg/l)	H ₂ O Temp Average	Air Temp Average	Total Precip
Sum:	78562						0.00
Avg:	2534	1.03	0.03	1.12	36	36	0.00
Max:	2679	1.09	0.03	1.20	38	60	0.00
Min:	2221	0.94	0.01	1.03	35	19	0.00

Reported By: _____

VILLAGE OF HINSDALE, PLANT REPORT

Month: March, 2014

Day	Flow			CL ₂ Residual		Turbidity Average (NTU)	Fluoride Average (ppm)	H ₂ O Temp Average (F)	Air Temp Average (F)	Total Precip (in)
	Valve 1 (kgal)	Valve 2 (kgal)	Total (kgal)	Analyzer (ppm)	Ltd (ppm)					
1	0	2621	2621	0.73	1.02	0.03	1.16	35	22	0.00
2	0	2558	2558	0.68				35		0.00
3	0	2627	2627	0.70	1.05	0.03	1.20	35	19	0.00
4	0	2656	2656	0.71	1.07	0.03	1.15	35	21	0.00
5	0	2646	2646	0.74	1.06	0.03	1.12	35	19	0.00
6	0	2650	2650	0.73	1.02	0.03	1.18	35	21	0.00
7	0	2621	2621	0.73	1.05	0.03	1.18	35	20	0.00
8	0	2531	2531	0.78	1.06	0.03	1.05	35	19	0.00
9	0	2647	2647	0.76				35		0.00
10	0	2605	2605	0.78	1.09	0.02	1.12	35	45	0.00
11	0	2330	2330	0.75	0.99	0.01	1.10	36	41	0.00
12	0	2395	2395	0.87	1.05	0.01	1.08	36	28	0.00
13	0	2657	2657	0.80	1.04	0.01	1.09	35	38	0.00
14	0	2679	2679	0.81	1.01	0.02	1.08	36	40	0.00
15	0	2574	2574	0.88	1.00	0.02	1.12	36	45	0.00
16	0	2467	2467	1.01				36		0.00
17	0	2597	2597	1.00	0.99	0.02	1.09	36	38	0.00
18	0	2642	2642	0.98	0.98	0.02	1.20	36	40	0.00
19	0	2609	2609	0.95	1.01	0.02	1.16	36	35	0.00
20	0	2548	2548	1.06	1.00	0.02	1.12	36	42	0.00
21	0	2429	2429	1.01	0.96	0.02	1.07	36	50	0.00
22	0	2418	2418	0.94	1.01	0.02	1.11	37	45	0.00
23	0	2524	2524	0.91				36		0.00
24	0	2558	2558	0.93	1.01	0.02	1.13	36	50	0.00
25	0	2494	2494	0.83	1.02	0.02	1.08	36	40	0.00
26	0	2506	2506	0.83	1.00	0.02	1.12	36	45	0.00
27	0	2474	2474	0.85	1.01	0.02	1.11	36	35	0.00
28	0	2452	2452	0.98	1.02	0.02	1.16	37	38	0.00
29	1156	1175	2331	1.01	0.95	0.03	1.16	37	41	0.00
30	2221	0	2221	0.90				37		0.00
31	2295	0	2295	0.88	0.94	0.03	1.03	38	60	0.00
Sum:	5672	72890	78562							0.00
Avg:	183	2351	2534	0.86	1.02	0.02	1.12	36	36	0.00
Max:	2295	2679	2679	1.06	1.09	0.03	1.20	38	60	0.00
Min:	0	0	2221	0.68	0.94	0.01	1.03	35	19	0.00

VILLAGE OF HINSDALE, PLANT REPORT

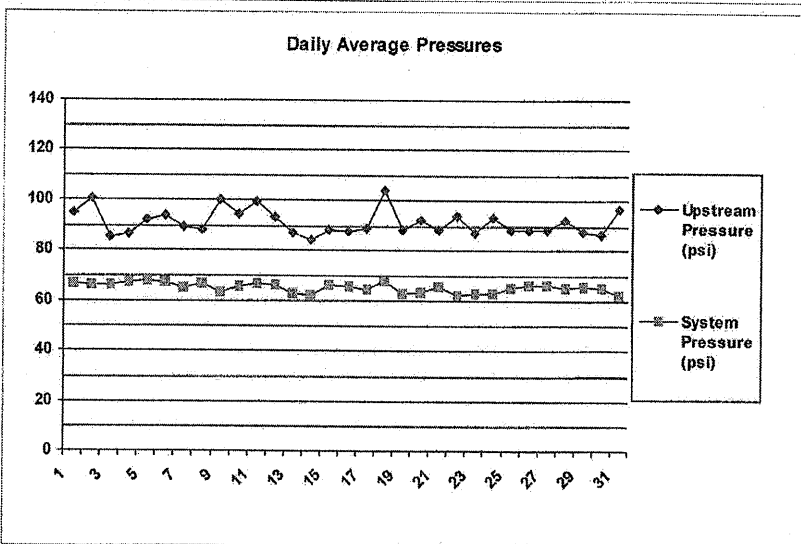
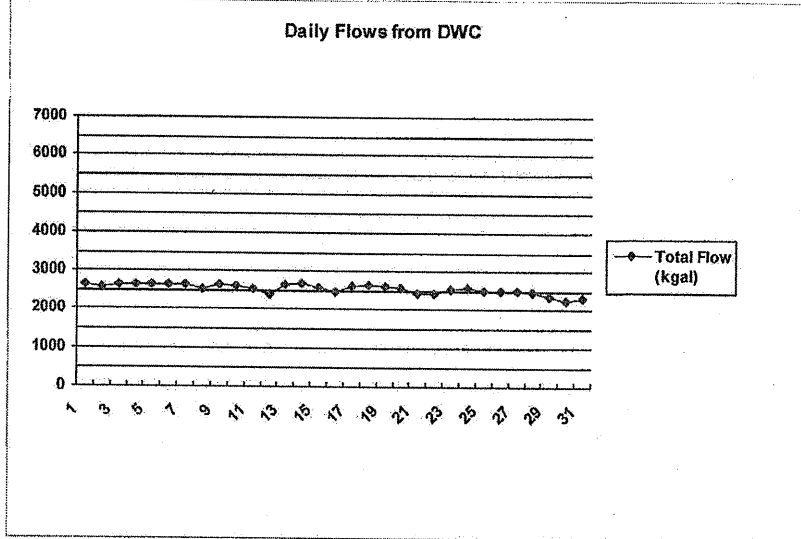
Month: March, 2014

MOORE: MATCHEL, 2014										
Day	Flow		Tank Levels		Pressures			Pump Run Times		
	Total (kgal)	Standpipe (ft)	Clearwell (ft)	GSR (ft)	Upstream (psi)	System (psi)	HSP1 (hr)	HSP2 (hr)	HSP3 (hr)	
1	2621	90.7	7.0	15.3	91.7	64.6	0.0	0.0	4.6	
2	2558	90.6	7.0	15.4	94.2	64.6	0.0	0.0	4.6	
3	2627	90.5	6.1	14.5	91.7	64.7	0.0	0.0	4.8	
4	2656	90.7	6.4	14.7	90.7	64.7	0.0	0.0	4.0	
5	2646	90.8	6.5	14.9	90.5	64.8	0.0	0.0	4.9	
6	2650	90.5	6.7	15.0	91.8	64.6	0.0	0.0	3.8	
7	2621	91.0	6.9	15.0	91.7	64.7	0.0	0.0	4.2	
8	2531	90.5	7.0	15.2	91.2	64.5	0.0	0.0	4.6	
9	2647	90.6	7.0	15.2	91.0	64.7	0.0	0.0	3.9	
10	2605	90.9	7.4	15.4	91.2	64.7	0.0	0.0	5.3	
11	2530	90.5	7.2	15.1	92.3	64.5	0.0	0.0	5.5	
12	2395	90.2	7.0	15.1	91.3	64.4	0.0	0.0	5.8	
13	2657	90.3	6.7	14.8	91.2	64.5	0.0	0.0	4.9	
14	2679	90.7	7.2	15.1	89.3	64.7	0.0	0.0	4.8	
15	2574	90.9	7.6	15.8	92.0	64.8	0.0	0.0	5.5	
16	2467	90.9	7.3	15.6	92.8	64.8	0.0	0.0	5.1	
17	2597	90.3	6.8	14.8	91.7	64.4	0.0	0.0	4.5	
18	2642	90.2	6.3	14.1	90.9	64.4	0.0	0.0	4.1	
19	2609	90.5	7.1	14.9	93.3	64.4	0.0	0.0	4.0	
20	2548	90.9	7.5	15.7	90.4	64.6	0.0	0.0	4.3	
21	2429	91.2	7.4	15.4	91.4	64.7	0.0	0.0	5.5	
22	2418	90.6	7.2	15.4	91.1	64.4	0.0	0.0	7.1	
23	2524	90.8	7.0	15.4	91.6	64.6	0.0	0.0	6.4	
24	2558	90.5	7.1	15.4	91.5	64.5	0.0	0.0	5.0	
25	2494	90.5	7.3	15.5	91.5	64.4	0.0	0.0	5.0	
26	2506	90.5	7.1	15.4	92.6	64.4	0.0	0.0	5.0	
27	2474	90.3	7.1	15.0	91.1	64.2	0.0	0.0	4.9	
28	2452	90.5	7.3	15.4	91.5	64.3	0.0	0.0	5.0	
29	2331	90.9	7.3	15.6	91.8	64.3	0.0	0.0	4.9	
30	2221	90.2	7.2	15.4	93.4	63.8	0.0	0.0	5.1	
31	2295	90.9	6.8	14.6	91.6	64.2	0.0	0.0	4.4	
Sum:	78562								151.5	
Avg:	2534	90.6	7.0	15.2	91.6	64.5	0.0	0.0	4.9	
Max:	2679	91.2	7.6	15.8	94.2	64.8	0.0	0.0	7.1	
Min:	2221	90.2	6.1	14.1	89.3	63.8	0.0	0.0	3.8	

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VILLAGE OF HINSDALE, SYSTEM TRENDS

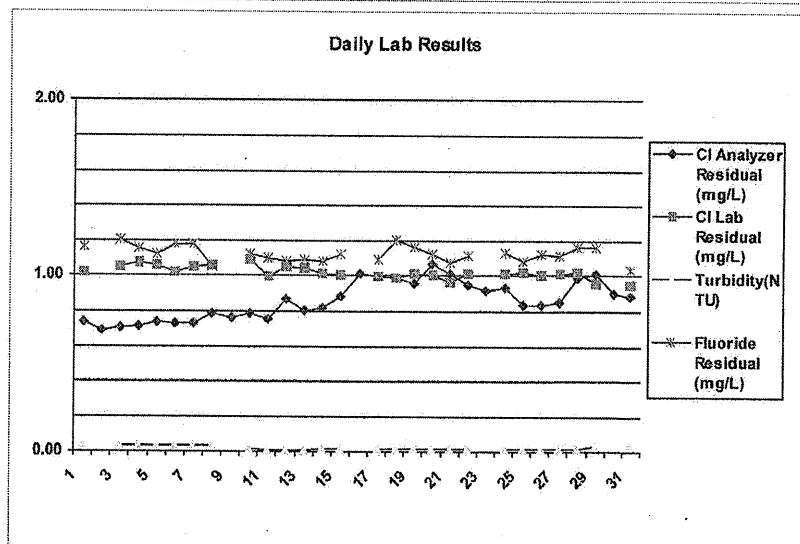
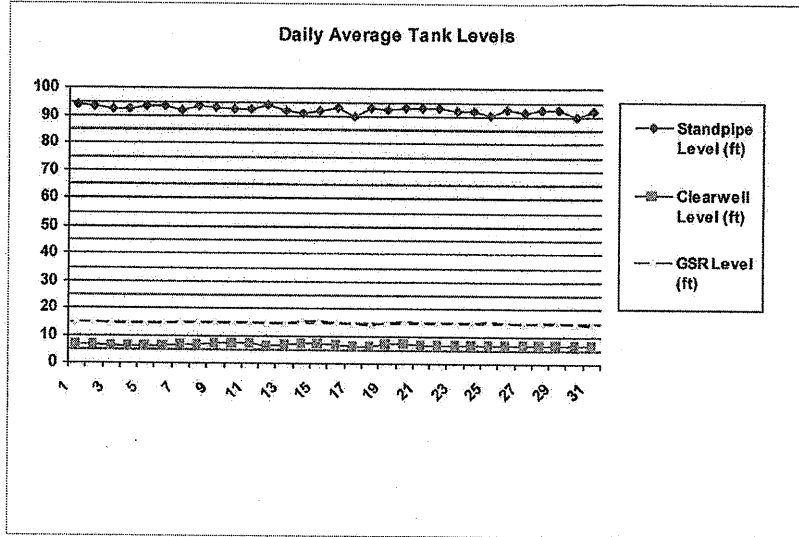
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VILLAGE OF HINSDALE, SYSTEM TRENDS

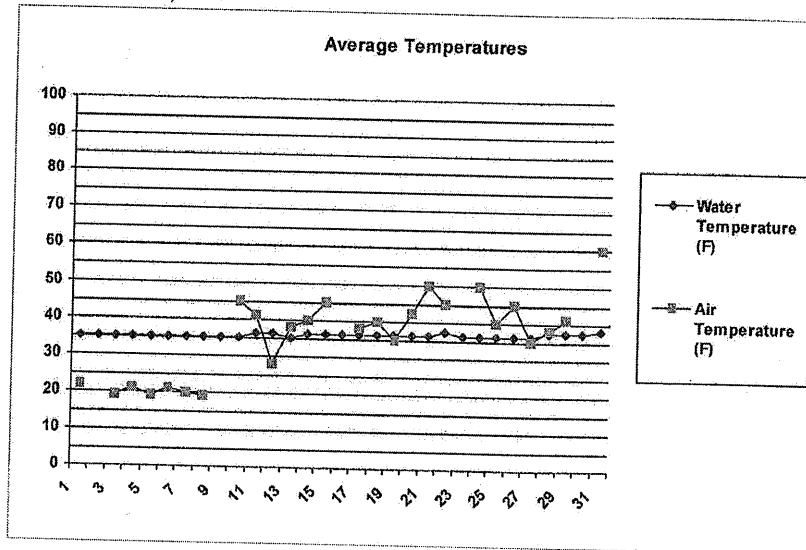
Month: March, 2014



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VILLAGE OF HINSDALE, SYSTEM TRENDS

Month: March, 2014



MEMORANDUM

TO: CHAIRMAN LA PLACA AND THE EPS COMMITTEE
FROM: GEORGE FRANCO AND DAN DEETER
SUBJECT: 2014 ROADWAY RESURFACING IMPROVEMENTS
Date: 4/9/14

The Public Services and Engineering Departments have compiled a listing of roadway improvements to be completed during FY 2014. The improvements are to be completed through the MIP, annual street maintenance, pothole maintenance, and additional improvements for FY 2014 due to poor condition after the past winter season. Improvements include the following:

	Street Resurfacing	Start Location	End Location
MIP	S. Adams S. Bodin W. Maple E. Maple S. Monroe W. 7 th W. 6 th S. Garfield E. Walnut N. Madison N. Clay W. Walnut Walker Woodland Cleveland Taft Harding	4 th St 9 th St. Lincoln Garfield 7 th St. Monroe Bodin 55 th St. Garfield Hickory Maple Madison York County Line Woodland Woodland Woodland	8 th St. South End Washington Park 8 th St. Madison Monroe 57 th St. Oak Walnut Walnut Washington The Lane Taft South end 55 th St. 55 th St.
Annual Maintenance	S. Adams N. Bruner N. Grant W. Hickory N. Lincoln	Hinsdale Ave North Ogden Adams Pavement north	4 th St. North end Center Madison of Ayres

	S. Clay	4 th St.	6 th St.
Pothole Maintenance (grinding and patching)	N. Madison Bonnie Brae N. Adams Fuller Hickory Elm Symonds Madison Third Chicago County Line Woodmere Stough	Bonnie Brae The Pines North York Elm Symonds Garfield Hinsdale Washington @ County Line 3 rd St. Cul-de-sac 7 th St.	Glendale Madison Cul-de-sac Elm Oak Walnut Elm 4 th St. Garfield 6 th St. 8 th St.
FY 2014 Additional Improvements	York Road Chicago Stough 3 rd St. 4 th St. N. Madison	Ogden Rte 83 Chicago Park Garfield Bonnie Brae	Maumell Stough RR St. Elm Elm Warren Terrace

Cc: Kathleen Gargano, President Cauley, and Board of Trustees

MEMORANDUM

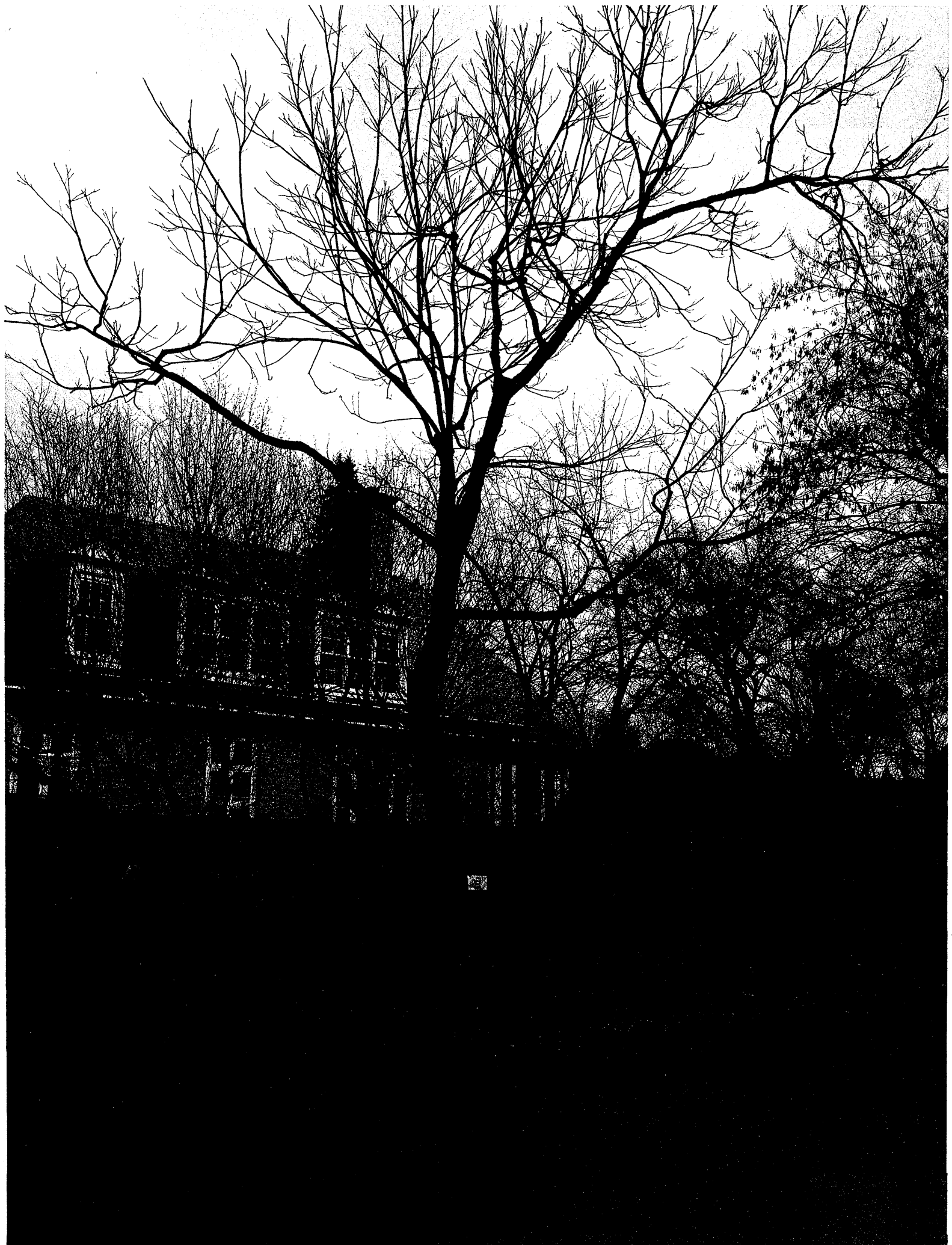
TO: CHAIRMAN LAPLACA AND THE EPS COMMITTEE
FROM: GEORGE FRANCO, DIRECTOR OF PUBLIC SERVICES
SUBJECT: PROPOSED PARKWAY TREE REMOVALS AT 737 S ELM STREET
DATE: APRIL 7, 2014

Mr. and Mrs. Burrige are building a new home at 737 S. Elm St. They have requested permission to remove two trees located in the parkway along 8th Street

The first tree on 8th Street is a Kentucky coffee tree that has a 14.0" diameter at 4.5' above grade. The estimated height of the tree is 35' and the estimated canopy width is 30'. The tree's condition is good, and the shoot growth is vigorous. There are no significant visible structural defects in the trunk, or scaffold branches. The tree has a balanced habit, and is spaced well with the other parkway trees.

The second tree on 8th Street is a green ash that has a 15.0" diameter at 4.5' above grade. The tree has an estimated height of 40 feet and an estimated canopy width of 30 feet. The tree's condition is poor. There are significant visible signs of infestation by Emerald Ash Borer (EAB) in trunk and scaffold branches.

Staff has tested the green ash and confirmed presence of the borer; the tree will be removed as part of the Village's EAB Management Plan. Staff has not permitted the removal of the Kentucky coffee tree as requested. Mr. and Mrs. Burrige are appealing that decision to the EPS committee per their function as the Village's "Tree Board". Staff is requesting direction from the Committee in responding to this request.



MEMORANDUM

TO: Chairman LaPlaca and EPS Committee
FROM: Dan Deeter
DATE: April 14, 2014
RE: Engineering Monthly Report

The Engineering Division has continued to work with the Building Division in order to complete site inspections, as well as responding to drainage complaints. In total, three Engineering employees performed 88 site inspections for the month of March. The Engineering staff submitted on-time five environmental reports in March. These include four monthly Discharge Monitoring Reports (DMRs) to the Illinois EPA - one for each of the Village's four Combined Sewer Overflow (CSO) locations - and the annual Infiltration/In-flow report to Metropolitan Water Reclamation District (MWRD). The following capital improvement projects and engineering studies are underway:

Oak Street Bridge Replacement Engineering Phase II/Design Engineering (See attached memo.)

- During the late morning of April 4, 2014, Hinsdale Police Department reported that a tractor trailer weighing an estimated 38,000 lbs. (19-tons) crossed the Oak Street Bridge. The bridge has a posted capacity of 5-tons. Staff closed the bridge and called our structural engineering consultant, Mr. Bob Davies of HR Green, to inspect the bridge. Mr. Davies inspected the bridge and determined it was safe to re-open for traffic at 2:15 PM.

Woodlands Green Infrastructure Improvements, Phase 1

- ✓ Final Completion (plantings, surface course) June 2013
- With the completion of the project in the spring of 2013, the contractor will provide two years of rain garden maintenance to establish native plantings.

2013 Reconstruction (W. Fourth Street)

- ✓ Construction May – Nov. 2013
- 2013 Reconstruction (W. Fourth and other streets)
 - Chicagoland Paving has completed all road reconstruction on 11/15/13. They will address the remaining punch list items in the Spring 2014.
 - The Village continues to retain \$453,824 for liens filed against Chicagoland Paving and for our maintenance retention. The liens were filed by Chicagoland Paving's trucking service providers against Chicagoland Paving. The Village has met with the parties to facilitate a resolution of the dispute. These liens do not change the contract price between Chicagoland Paving and the Village of Hinsdale.
 - During March 2014, the Village attorneys responded to the complaints by Chicagoland Paving's subcontractors.
 - Total construction change orders to date for 2013 Reconstruction: \$33,085 addition. Remaining Project Budget/Contingency: \$1,590,055.

2014 Reconstruction (Walnut St.), & Woodlands Phase 2

- ✓ Design Engineering Proposal presented to EPS/BOT February 2013
- ✓ Design Engineering & Permitting Mar 2013 – Jan 2014
- ✓ Construction bid opening 02/28/14
- ✓ Construction Contract Awarded target date: 03/18/14
- ✓ Pre-construction meeting 03/28/14
- Construction April - Oct 2014
- 2014 Reconstruction Streets
 - W. Walnut Madison to Washington
 - E. Walnut Garfield to Oak
 - N. Clay Walnut to Maple
 - N. Garfield vicinity of Walnut St.
 - N. Madison Walnut to Hickory
 - Walker York to The Lane
 - Maple Lincoln to Washington
- 2014 Reconstruction Current activities
 - Underground improvements & curb removal on Walnut – Washington-Vine by 04/16/14
 - Underground improvements on Clay – Maple – Walnut 04/17-5/07/14
 - Road excavation & base prep on Walnut – Washington –Vine 04/17-
- Woodlands Phase 2
 - Woodland Avenue County Line Road to Taft
 - Cleveland Woodland to 55th
 - Taft Woodland to 55th
 - Harding Woodland to Taft
- Woodlands Phase 2 Current Activities
 - Pavement milling Cleveland 04/09/14
 - Root pruning, tree protection & brush removal 04/07 – 17/14
 - Underground improvements on Harding Road – Woodland-55th 04/07 -
 - Preparation for direction bore from Cleveland – Taft 04/14 – 17/14
 - Directional boring from Cleveland – Taft 04/18 – 22/14

2014 Infrastructure Improvements (consolidation of Resurfacing, Water Main, Maintenance & Parking Lot Resurfacing Projects)

- ✓ Design Engineering Proposal presented to EPS/BOT February 2013
- ✓ Design Engineering & Permitting Mar 2013 – Mar 2014
- Construction bid opening 04/17/14
- Construction Contract Awarded target date 04/29/14
- Construction Target Start: May 2014
- Construction ends: 10/31/14
- 2014 Resurfacing Streets
 - S. Adams Fourth to Eighth (utilities & resurfacing)
 - S. Bodin Ninth to 55th(utilities & resurfacing)
 - S. Monroe Ninth to 55th, Seventh to Eighth (utilities & resurfacing)
 - W. Seventh Monroe to Madison (utilities & resurfacing)

- W. Sixth Bodin to Monroe (utilities & resurfacing)
- E. Maple Garfield to Park (utilities & resurfacing)
- S. Garfield 55th to 57th (2013-14 WM improvements)
- Fuller Justina to Mills (2013-14 WM improvements)
- S. Adams Hinsdale to Fourth (resurfacing only)
- N. Bruner North End to North Street (resurfacing only)
- N. Grant Ogden to Center (resurfacing only)
- W. Hickory Adams to Madison (resurfacing only)
- N. Lincoln Pavement Change south to Ayres (resurfacing only)
- S. Clay Fourth to Sixth Street (PCC pavement patching only)
- Brook Park Third Street parking lot (resurfacing only)
- Brook Park Woodside parking lot (resurfacing only)
- Brook Park East walking path (resurfacing only)
- Parking Lot Lincoln to Washington north of BNSF (resurfacing only)
- Burlington Park Lot Washington to Garfield north of BNSF (resurfacing only)
- Robbins Park Vine to Grant (storm sewer only)
- Current activities
 - Open contractor bids 04/17/14
 - Board of Trustee review and approval 04/29/14
 - Construction preparations 05/30/14
 - Construction begins (est). 06/01/14

2015 Reconstruction & Resurfacing Design

The Village is sending out requests for proposals (RFPs) to engineering consultants with a satisfactory relationship with the Village for the design and construction observation of the 2015 Reconstruction and Resurfacing Projects per the Village Master Infrastructure Plan. The RFPs will be opened on April 25th 2014.

2015 Reconstruction Project

- Objectives
 - Separate +/-2,500 feet of combined sewer on Ravine Road to eliminate sanitary sewer overflows in homes & on streets.
 - Improve stormwater management in identified localized flooding areas at the intersection of Forrest/Ravine and on Ravine from Elm – Oak.
 - Reconstruct +/-5,600 feet of roads in fair - poor condition.
 - Replace +/-2,250 feet of water main pipe in poor condition.
 - Line or replace +/-1,600 feet of sanitary sewer pipe.
- Areas Improved
 - Ravine Road Garfield to County Line Road
 - Radcliff Way Ravine to Hickory
 - Forest Road The Lane to Hickory
 - Elm Street Ravine to Hickory
 - Mills Street North End to The Lane
 - Oak Street The Lane to Ravine

2015 Resurfacing Project

- Objectives
 - Resurface +/-6,000 feet of roads in fair – poor condition.
 - Replace +/-2,200 feet of water main pipe in poor condition.
 - Line or replace +/-1,900 feet of sanitary sewer pipe.
- Areas Improved
 - Lincoln Street North to Hickory
 - N. Stough Street Quincy to South End
 - S. Stough Street Chicago to Chestnut
 - Second Street Monroe to Vine

State and Federal Funding Opportunities

A summary of the Grant Funds awarded or applied for by the Village of Hinsdale is attached. An application for the 2014 Illinois Green Initiative Grants was submitted before the 12/15/13 deadline. The IEPA acknowledged receipt of our application. This year there was a total of 81 applications valued at approximately \$36 million are competing for the \$5 million IGIG grants available. Notification of awards will be made around 07/01/14.

Other Engineering Activities in the Area

Flagg Creek Water Reclamation District (FCWRD) is planning a sewer maintenance project in the southern parkway of 55th Street between Quincy and Monroe during the 2014 construction season. FCWRD anticipates that there will be daily temporary closures of the right-hand eastbound lane. Since these closures will delay eastbound traffic on 55th Street, residents are advised to avoid this area if possible. The Village has not been informed of the start and completion dates at this time.

Cc: President and Board of Trustees
 Village Manager

MEMORANDUM

TO: Chairman LaPlaca and the Environment & Public Services Committee
FROM: Dan Deeter, Village Engineer
DATE: April 14, 2014
RE: Advising the Committee of Staff's Actions Concerning County Stormwater Management Ordinances

Under the new Cook County Watershed Management Ordinance adopted October 3, 2013 and effective May 1, 2014, multi-county municipalities may elect to adopt and enforce one county's stormwater regulations across the entire municipality. Previously on July 13, 2010, the Village of Hinsdale Board of Trustees already adopted the DuPage Countywide Stormwater & Floodplain Ordinance "by reference for the DuPage County and Cook County portions of the village".

Under article 2 of the new Cook County Ordinance, an intergovernmental agreement (IGA) is required to formalize with Cook County our adoption of the DuPage Ordinance. The Village Manager has sent a letter of intent to the Metropolitan Water Reclamation District (MWRD). The Village attorney is reviewing the sample IGA. Upon receipt of the letter of intent, MWRD will prepare the IGA and return it to the Village for Board of Trustee's approval.

The Village staff will continue to enforce the DuPage Countywide Stormwater & Floodplain Ordinance in both DuPage and Cook County portions of the village. Per the Cook County Ordinance, an MWRD permit will be required under certain, limited circumstances, such as, if a development is discharging directly into MWRD property.

cc: Kathleen Gargano, Village Manager

IDOT Project Kickoff Meeting	HRG/Staff	10-15-2013 Completed
<i>This is an initial coordination meeting at IDOT District 1's Bureau of Local Roads which is required for any project receiving federal funds</i>		
Project Working meeting	HRG/Staff	11-22-2013 Completed
<i>Coordination meeting with Village staff to review transition issues from Phase 1 to Phase 2 and prepare for a meeting with Adventist Hinsdale Hospital (AHH).</i>		
AHH Coordination Meeting	HRG/ Staff/AHH	12-9-2013 Completed
<i>A meeting to review AHH concerns and update them on plans to address these issues including Oak Street access, traffic staging plans, and maintenance of utilities.</i>		
Draft 30% Submittal To Village	HRG/Staff	01-10-2014 Completed
<i>Progress drawings for Staff's review and information. This allows the Village to monitor and comment as the consultant provides more details to the plan's structural components (typically described as "Type, Size, & Location" information or TSLs) and civil components (typically described as "Plans, Specifications, & Estimates" information or (PSEs).</i>		
CWG Update Meeting	Staff/CWG/HRG	02-6-2014 Completed
<i>A meeting to update Community Working Group (CWG) members concerning the status of the design development. These meetings will highlight significant design changes (if any) and update the CWG members on plan development in areas of public interest such as traffic management and aesthetics.</i>		
Preliminary Plans and Costs to ICC	HRG	03-07-2014 Completed
<i>Preliminary information to the ICC. More detailed plans will accompany the formal petition</i>		
Preliminary Plans to IDOT	HRG	03-10-2014 Completed
<i>Submittal will consist of roadway plans with all required Right of Way shown; revised Type, Size and Location drawings for the bridge and retaining wall; a technical memorandum covering any changes from the approved Project Development Report and a preliminary opinion of constructed cost. If Right of Way impacts are the same or less</i>		

Respond to 30% Submittal Comments	HRG	03-10-2014
		<i>Completed</i>

Bridge Inspection	03-28-2014
	<i>Completed</i>

2 of 4

ICC Petition

ICC Petition for review	HRG/Vill. EPS Comm.	7-1-2014
<i>Completed Petition should be filed by end of June. Will include letter of support from BNSF and 60% plans. We'll have to meet with BNSF in June to go over the 60% plans. ICC's Brian Vercruysse requested a draft before we file so will target June 15th for the draft.</i>		

ICC Petition to Hearing	ICC	8-15-2014
<i>Completed petition Administrative Law Judge to review in August. It does not appear the board has to sign this document but a cover letter from the Village will certainly be required.</i>		

ICC Approval	ICC	11-15-2014
<i>Need no later than early January in order for IDOT to authorize project for construction.</i>		

Complete the Plans

Submit ROW to IDOT	HRG/IDOT	10-15-2014
<i>IDOT Bureau of Land Acq. must approve. Some documents may require Village Engineer's signature.</i>		

90% (Prefinal) plans to IDOT & Village	HRG/IDOT	10-17-2014
<i>Hard deadline for submittal.</i>		

Final Plans, Specifications and Estimate to IDOT by HRG		12-15-2014
<i>Again, deadline must be met make letting. Plan cover sheet will have to be signed by Village Engineer.</i>		

Draft Joint and Const. Agreements to IDOT	HRG/Vill. Staff	12-15-2014
<i>Selection of a construction engineer should be started before this date. IDOT may allow the Village to use HR Green if Village wishes to do so (policy is ambiguous right now) but, if the consultant selection process is required, the process should start when Pre-Final Plans are available.</i>		

Construction Phase Agreements through the Village Board

Final CE, Joint and RR Agreements	Village Board	Dec-Jan 2015
<i>The above are intergovernmental agreements prepared by HRG or IDOT for approval by the Village Board.</i>		

Final CE, Joint and RR Agt. To IDOT	Village Staff/HRG	01-16-2015
<i>The approved intergovernmental agreements are due to IDOT.</i>		

Preparation for Letting Project

Start relocation of private utilities	HRG/Village Staff	01-01-2015
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Coordination with private utilities will resume as the Pre-Finals are submitted to IDOT.

ROW Certified by IDOT	IDOT	01-21-2015
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Letting by IDOT	IDOT	03-6-2015
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Construction

Construction starts	RE/Village Staff/Contractor	May 2015
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Final construction completion	RE/Village Staff/Contractor	June 2016
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Veeck Park Wet Weather Facility

Hinsdale, Illinois

Date	Bar Screen Channel Downstream (feet)	Overflow Ht. Above Weir (feet)	Storage Tank Elevation (feet)	Precipitation (inches of water)
03/01/14	0.00		3.13	
03/02/14	0.00		3.75	
03/03/14	0.00		2.73	
03/04/14	0.00		3.07	
03/05/14	0.00		3.36	0.05
03/06/14	0.03		2.76	
03/07/14	0.03		2.71	
03/08/14	0.00		3.01	
03/09/14	0.06		3.22	
03/10/14	0.70		13.11	0.08
03/11/14	0.47		5.35	
03/12/14	0.18		5.46	0.01
03/13/14	0.02		5.60	
03/14/14	1.12		13.44	0.09
03/15/14	3.87		21.84	0.19
03/16/14	0.00		3.73	
03/17/14	0.02		3.93	
03/18/14	0.01		2.75	
03/19/14	2.95		20.93	0.20
03/20/14	0.02		2.83	
03/21/14	0.01		2.88	
03/22/14	0.00		2.76	
03/23/14	0.00		2.09	
03/24/14	0.00		2.10	
03/25/14	0.00		2.08	
03/26/14	0.00		2.10	
03/27/14	0.03		2.25	0.12
03/28/14	0.18		3.00	0.02
03/29/14	0.00		3.18	
03/30/14	0.00		3.30	
03/31/14	0.00		3.40	

Total Precipitation in March: 0.76

Departure from Normal: -1.74

Notes:

1. Minimum tank elevation is 2.0 feet to avoid running the pumps dry and damaging them.
2. Rain data from McClure JHS weather station.

Subtotal

Total

Construction

Project Budget	
John Neri Construction Bid	
Construction Contingency	
Contingency balance Less Net Change Orders	

Total Project Contingency: \$ 911,765.25

04/14/14

[illegible]

2014 Reconstruction Change Order Field Record_140414

**Village of Hinsdale
Grant Funds Awarded in 2009 - 2013**

Source	Program	Purpose	Funds Available	Amount
Illinois Commerce Commission	Crossing Safety Improvement Program	Oak Street Bridge - 60% Funding	2015 Capital Budget	\$10,200,000
Senator Dillard	State Capital Bill	Oak Street Bridge	Effective January 1, 2011	\$825,000
West Suburban Mass Transit	Car Sale Proceeds	Oak Street Bridge Eng/Construction	50/50 Reimbursement	\$395,000
Illinois Dept of Transportation	Federal Highway Bridge Program	Oak Street Bridge Phase I	July 2010 - 80/20	\$680,000
DuPage Mayors & Managers	Federal Stimulus	S. Garfield Reconstruction	Paid Through IDOT	\$1,632,000
Senator Dillard & Rep Bellock	Emergency Repair Program	Street resurfacing	Upon Project Completion	\$300,000
Representative Bellock	State Capital Bill	N. Washington Reconstruction	Upon issuance of bonds	\$340,000
New Local Transportation Projects	State Capital Bill	Road Improvements	20% released October, 2010	\$389,540
Lyons Township	Bond Proceeds	KLM Park Pavilion	Upon Project Completion	\$150,000
DuPage Mayors & Managers	STP Program	Oak Street Bridge	2015 Capital Budget	\$3,830,000
IDNR	OSLAD	Improvements to KLM	Awarded	\$150,000
IEPA	ARRA/State Revolving Loan	Garfield Sewer Separation	Loan docs received 7/05/11	\$444,160
IEPA	ARRA/State Revolving Loan	Chestnut Sewer Separation	Loan docs received 8/16/11	\$3,728,196
DuPage Mayors & Managers	Surface Transportation Projects	Hinsdale Avenue Resurfacing		\$311,627
DuPage Mayors & Managers	Surface Transportation Projects	Chicago Avenue Resurfacing	Approved by DMMC	\$203,291
DuPage Mayors & Managers	Surface Transportation Projects	York/Garfield Resurfacing	11/16/11 for FY 2017	\$293,442
DuPage Mayors & Managers	Surface Transportation Projects	N. Madison Resurfacing		\$317,765
DuPage Mayors & Managers	Surface Transportation Projects	S. Madison Resurfacing	Approved by DMMC	\$274,000
West Suburban Mass Transit	Car Sale Proceeds	Highland Parking Lot	12/04/12 for FY 2018	\$100,000
Total			2/3 reimbursement	<u>\$24,564,021</u>

**Village of Hinsdale
Grant Applications Under Consideration**

Source	Program	Purpose	Status	Amount
IDOT	Federal Highway Bridge Grant	Oak Street Bridge Phases II & III	Committed to by IDOT	\$4,895,000
IEPA	Illinois Green Initiative Grant (IGIG)	Woodlands Green Infrastructure	Award Date: 07/01/14	\$750,000
Total				<u>\$5,645,000</u>

2014 CAPITAL PLAN / INFRASTRUCTURE IMPROVEMENTS

Master Infrastructure Plan

Pothole Maintenance \$50,000
N. Madison Ogden - Glendale
Bonnie Brae 400-block
N. Adams North - Cul-de-sac
Fuller Rd. York - Elm
Hickory Elm - Oak
Elm St Symonds - Walnut
Symonds Garfield - Elm
Madison Hinsdale - Fourth
Third Washington - Garfield
Chicago @ County Line
County Line Third - Sixth
Woodmere cul-de-sac
Stough Seventh - Eighth

Street Improvements \$1,800,000
<u>Drainage Issues</u>
N. Madison drainage
W. Sixth Vine - Grant
aka Fifth/Grant drainage Ph1
Other drainage issues
<u>Resurfacing</u>
York Rd Ogden - Maumell
W. Chicago Rte 83 - Stough
Stough Chicago - RR St.
E. Third Park - Elm
E. Fourth Garfield - Elm
N. Madison Bonnie Brae -
Warren Terrace
<u>Water Main Replacement</u>
S. Elm 55th - 57th
W. Third Grant - Lincoln

Water Main Replacement \$500,000
S. Garfield 55th - 57th
Fuller Rd. Justina - Mills

Annual Street Maintenance \$300,000
<u>Resurfacing</u>
S. Adams Hinsdale - Fourth
N. Bruner end - North St.
N. Grant Ogden - Center
W. Hickory Adam - Madison
N. Lincoln bituminous pavement north of Ayres
S. Clay Fourth - Sixth concrete patch only

Reconstruction \$2,250,766
E. Walnut Garfield - Oak
N. Madison Hickory - Walnut
N. Clay Maple - Walnut
W. Walnut Madison - Wash.
Walker York - The Lane

Sewer \$1,700,575
<u>Storm Sewer</u>
E. Walnut Garfield - Oak
N. Madison Hickory - Walnut
N. Clay Maple - Walnut
W. Walnut Madison - Clay
W. Walnut Lincoln - Wash.
Alley - 100-block N. Clay
Easement - 400-block Walnut
N. Garfield - vicinity of Walnut
S. Adams Fourth - Eighth
W. Sixth Bodin - Monroe
Adams/Bodin alley - 400-bk
<u>Sanitary Sewer</u>
E. Walnut Garfield - Oak
N. Clay Maple - Walnut
W. Walnut Madison - Clay
Walker York - The Lane
S. Adams Fourth - Sixth

Resurfacing \$475,524
S. Adams Fourth - Eighth
S. Bodin Ninth - south end
W. Maple Lincoln - Wash.
E. Maple Garfield - Park
S. Monroe Seventh - Eighth
W. Seventh Monroe - Madison
W. Sixth Bodin - Monroe
S. Garfield 55th - 57th

Water Main \$1,088,955
E. Walnut Garfield - Elm
Walker York - The Lane
S. Bodin Ninth - south end
S. Monroe Ninth - south end
W. Seventh Monroe - Madison

Woodlands Phase 2 \$4,023,740
<u>Reconstruction</u>
Woodland County Line - Taft
Cleveland Woodland - S. end
Taft Rd Woodland - 55th
Harding Woodland - Taft
<u>Storm Sewer</u>
Woodland County Line - Taft
Cleveland Woodland - S. end
Taft Rd Woodland - 55th
Harding Woodland - Taft
55th St. Cleveland - Harding
<u>Sanitary Sewer</u>
Woodland McKinley - Taft
Taft Rd Woodland - 55th
Harding Woodland - Taft
<u>Water Main</u>
Woodland Cleveland - McKinley
Cleveland Woodland - S. end
Taft Rd Woodland - 55th

Funding Sources

4a

DATE April 2, 2014

REQUEST FOR BOARD ACTION

AGENDA EPS Agenda
SECTION NUMBER

ORIGINATING
DEPARTMENT PUBLIC SERVICES

ITEM AWARD – SCADA Computer System Upgrade **APPROVAL**

The 2013-14 Budget includes \$15,000 funding in Water & Sewer Services account #6102- 7918 to provide for the water plant SCADA (Supervisory Control And Data Acquisition) computer system upgrades. This system is a vital tool which allows operators to complete daily monitoring and complete flow adjustments to the water distribution system from remote locations. These upgrades are scheduled every 4-5 years. The upgrades include a computer workstation at the water plant building, a laptop computer, software licensing, hardware and accidental damage service protection plans and an Apple I Pad for laptop computer redundancy and use in the field. The current system was installed in February 2009.

Staff has received three quotes for these upgrades which are as follows:

COMPANY	PRICE
Automatic Systems Company	\$13,261.90
Strand Associates, Inc.	\$14,500.00
Metropolitan Pump Company	\$23,287.00

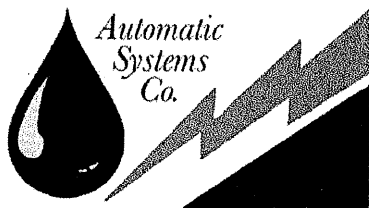
MOTION: To approve the issuance of a purchase order to Automatic Systems Company in the amount \$13,261.90 for upgrades to the water distribution SCADA computer system.

STAFF APPROVALS

APPROVAL	APPROVAL	APPROVAL	APPROVAL 	MANAGER'S APPROVAL 
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COMMITTEE ACTION:

BOARD ACTION:



AUTOMATIC SYSTEMS CO.

Thursday, January 16, 2014

Mr. Dan Williams
Village of Hinsdale
217 Symonds Drive
Hinsdale, IL 60521-3489

Reference: SCADA Computer System Upgrade Rev.2

Dear Dan:

In accordance with your request during our meeting last week I am pleased to provide you with our updated SCADA Computer Hardware/Software Upgrade proposal.

A One (1) **SCADA Computer Workstations**, DELL, OptiPlex 9020 Minitower, 64 bit, i5-4570 Processor (Quad Core, 3.20GHz, 6MB, w/HD4600 Graphics), 4GB, 1600MHZ, DDR3, 500GB 3.5 SATA6Gb/s with 16MB DataBurst Cache, 16X DVD+/-RW, 16X DVD SATA, Intel Integrated Graphics, Windows 7 Professional, Microsoft Office Professional 2013, and McAfee Antivirus for installation in place of the existing SCADA Computer Workstation. Includes 24" Dell Monitor and HP Officejet Pro 8600 Plus e-All-in-One N911g Color Ink-jet - Fax / copier / printer / scanner, No Speakers included
Includes Dell 3 Year Basic Hardware Service with 3 Year NBD Onsite Service after Remote Diagnosis

Laptop Computer, Dell, Latitude E5530, 64 bit, i5-3380M Processor (2.9GHz, 3M Cache), 4 GB, 1600MHZ SDRAM, 1 DIMM, Windows 7 Professional, Microsoft Office Professional 2013, 15.6" HD Anit-Glare w/LED-backlit, 8X DVD+/-RW, 500 GB Hard Drive, Dell Wireless, McAfee Antivirus, Integrated touchpad with finger print reader,
Includes Dell 3 Year Basic Hardware Service with 3 Year NBD Onsite Service after Remote Diagnosis

Your net price for Item A including one (1) year ASC warranty + Dell Warranty from date of startup is.....**\$3504.00 plus tax.**

MANUFACTURERS REPRESENTITIVES

☐ MAIN OFFICE P.O. BOX 120359
☐ BRANCH OFFICE P.O. BOX 787
☒ BRANCH OFFICE

SYSTEMS INTEGRATION

ST. PAUL, MINNESOTA 55112 PHONE 651-631-9005
AMES, IOWA 50010 PHONE 515-232-4770
CHICAGO, ILLINOIS PHONE 815-927-3386

INSTRUMENTATION

FAX (651) 631-0027
FAX (515) 232-0027
FAX (651) 631-0027

DELL, OptiPlex 9020

Option – Dell 5 Year Basic Hardware Service with 5 Year NBD Onsite Service after Remote Diagnosis - ~~\$7630~~ Adder

Option – Dell 5 Year Accidental Damage Service – Protects your system from liquid spills, drops, falls and surges - ~~\$5530~~

Dell, Latitude E5530

Option – Dell 5 Year Accidental Damage Service – Protects your system from liquid spills, drops, falls and surges - ~~\$11130~~

B One (1) Lot Human Machine Interface (HMI) Software License Upgrade including:

- One (1) Wonderware Intouch 2012R2 Runtime 1K Tag w/I/O Software License Version Upgrade to the latest version.

1. Serial Numbers 985264, 985265

Lot labor and configuration services to install new SCADA computer hardware and software in place of the existing SCADA workstations located at the Water Treatment Plant.

Proposed configuration services includes re-installation and configuration of software interface modules, load all existing HMI software with the most recent license upgrades and PC Anywhere in the new Workstations, commission and test for proper operation

Your net price for Item B including one (1) year warranty from date of startup is.....~~\$6385.00 plus tax~~

~~C One (1) **Alarming Software**~~

- ~~➤ One (1) WIN-911 Bundle with TAPI Modem and Premium voice control~~

~~Note: Alarm Software for Telephony, E-mail, Paging & 2-way SMS
Includes Premium Voice, XTools,
WIN-911/TAPI/USB external MultiTech USB
TAPI voice telephony modem and 1 Year
Software Maintenance and Support
Note: Requires Cellular Modem for SMS (not included)~~

~~Proposed configuration services includes configuration of software interface modules, commission and test for proper operation, configuration of the new WIN911 Alarm Dialer Software configured with all existing alarms.~~

~~Your net price for Item C including one (1) year warranty from date of startup is.....**\$5523.00 plus tax.**~~

D One (1) **SCADA Mobile Access Monitoring**, for remote monitoring of your SCADA system while remote with an Apple IPAD tablet. Proposed item includes the following:

- **Furnish, install and setup a Router/firewall with VPN** on the Water Treatment Plant SCADA Computer.
- **Furnish, install and setup one (1) Apple IPAD.** Proposed 16 GB IPAD with Retina display will include cellular and WIFI communications. IPAD can be used anywhere WIFI is available or where cell phone coverage is available providing the City elects to purchase and setup through their mobile phone carrier for the IPAD. Includes protective shield and case.
- **Setup and Owner Training of the IPAD.**

Your net price for Item D including one (1) year warranty from date of startup is.....**\$2982.00 plus tax.**

Your net price for a second IPAD set up for remote SCADA monitoring please add.....~~\$448.00~~ **plus tax.**

IPad

Option – Apple 2 Year Hardware Coverage – Two Incidents or Accidental Damage ~~(\$49 Service~~

~~Fee per~~

Apple 2 Year Software Support Telephone -

Adder - \$99 per IPad

Please note, price does not include any sales or use tax, mobile wireless fees, surge protection and UPS units are not included.

If you wish to proceed with an order simply sign on the space provided below and return a copy to this office, upon receipt we will immediately proceed with equipment release and scheduling.

Thank you for the opportunity of providing you with this proposal. Should you have any questions or wish to get together to discuss in detail please don't hesitate to give me a call.

Sincerely,

Bryan D. Orr

Bryan Orr
Regional Manager

Total
\$13261.90
~~231~~



Bryan Orr | AUTOMATIC SYSTEMS CO.

REGIONAL MANAGER

PHONE 815-927-3386

MOBILE 815-298-5366

EMAIL BRYANO@AUTOMATICSYSTEMSCO.COM

Accepted by: _____ Date: _____

Fisher, Eric

From: Fisher, Eric
Sent: Monday, January 21, 2013 9:49 AM
To: Mark Pelkowski (mpelkowski@villageofhinsdale.org)
Subject: Hinsdale SCADA Upgrade Budgetary Costs

Hi Mark,

See below for budgetary costs to upgrade your SCADA computers - this includes the laptop and desktop computer. Note that I have not included any costs to allow SCADA access via Smartphone. If you would like to do this we would need to change the desktop computer to a server grade computer, and have an additional license (or two) of the Wonderware software. There are different options here which could increase the price below an additional \$3,500 up to \$10,000 depending on what you want to do. Give me a call or email if I like to discuss this further.

Basic SCADA and Computer upgrade (no Smartphone access)

Wonderware software (desktop) - \$2,300
Wonderware software (laptop) - \$2,300
PCAnywhere software (desktop) - \$200
PCAnywhere software (laptop) - \$200
Desktop computer - \$2,200
Laptop computer - \$2,500
Engineering (see tasks below) - \$4,800
Total: \$14,500

Engineering tasks

1. Setup computers, SCADA software, and remote access
 - a. Configure windows for SCADA, install office, etc
 - b. Install VPN software for Fortidient router (laptop only)
 - c. Install Wonderware
 - d. Install PCAnywhere and configure for remote access
 - e. Upgrade Wonderware software application
 - f. Upgrade Access water reports
 - g. Transfer data files from old computer to new computer (trend files, reports, etc)
 - h. Provide documentation of computer setup, usernames, passwords, etc
 - i. One visit to site for installation, setup, and testing
 - j. Follow-up support and/or troubleshooting

Let me know if you have any questions.

Thanks,

Eric

Eric M. Fisher, P.E.
Electrical Engineer
Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715
www.strand.com
608.251.2129 x1043

METROPOLITAN



PUMP COMPANY

A Division of METROPOLITAN INDUSTRIES, INC.

37 FORESTWOOD DR. • ROMEOVILLE, IL 60446-1343
(815) 886-9200 • FAX (815) 886-4573

www.metropolitanind.com

TO: Dan Williams
Village of Hinsdale
Phone: 630-789-7053
dwilliams@villageofhinsdale.org

QUOTATION

Page 1 of 1

PROJECT: 217 Symonds Water Dept.
Hinsdale, Illinois
BIDS DUE: ASAP
ENGINEER: N/A

We are pleased to provide a QUOTE on the following equipment for the subject project.

Wonderware InTouch Software Upgrade

Includes: 97-1327 / Q-Credit
Development Studio 2014 Medium 1K/1K/100
Includes function upgrade credit of S/N: 985265 - 1K runtime

12-11916
Upg, InTouch 2014 Runtime 1K Tag with I/O
1/L S/N: 98526

01-2971T
InTouch 2014 RunTime 1K Tag with I/O RDS Conc - InTouch
Access Anyware

01-2971TP
InTouch 2014 Runtime 1K Tag with I/O RDS Conc - InTouch
Access Anyware

1/L Programming field labor to implement upgrades at customers site

TOTAL AMOUNT FOR THE ABOVE ITEMS LISTED:

\$23,287.00

TAXES NOT INCLUDED

NOTE: If InTouch Access Anywhere licences are not required,
deduct \$4,344.00 per license.

Not included is anything not listed above including applicable taxes
and shipping/handling.

TERMS: Net 30 days from date of invoice. All invoices are payable in full when due, with no retainage allowed.

THIS QUOTATION, SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE HEREOF, MAY BE ACCEPTED ONLY BY SIGNING ONE COPY OF THIS QUOTATION AND RETURNING IT TO METROPOLITAN PUMP CO. NOT LATER THAN THE DATE INDICATED ON THE FACE HEREOF AFTER WHICH THIS QUOTATION IS VOID. THIS QUOTATION AFTER ACCEPTANCE BY BUYER MAY BE CANCELLED BY EITHER PARTY WITH NO PENALTY ONLY IF ENGINEER FAILS TO APPROVE SELLERS APPROVAL BROCHURE.

Accepted:	_____	Quotation No:	<u>314N9548KT</u>
Firm:	_____	Submitted:	<u>3/17/2014</u>
By:	_____	Void after:	<u>30 days</u>
Title:	_____	Prepared By:	<u>Ken Turnquist</u>

STANDARD CONDITIONS OF SALE
(Domestic Shipments)

1. TERMS

Standard terms are net thirty days from date of invoice. Products are sold F.O.B. Factory unless otherwise stated. A 2% per month service charge is added to overdue accounts.

It is understood that the purchaser agrees to pay any and all costs incurred in collecting delinquent accounts, including by way of illustration but not limited to: reasonable attorney fees; costs of witnesses and expert witnesses, including travel from point of origin and return, subsistence and recompense for time lost from regular occupation; court costs, depositions, transcripts, etc.

Quotations are subject to acceptance within thirty days from the date, and in the interim, are subject to changes in price or other particulars upon notice.

All offers to purchase, quotations, and contracts of sales are subject to final acceptance by Metropolitan Pump (hereinafter called the Company) at its office at Romeoville IL: and shall be and constitute an Illinois Contract, subject to the laws of the State of Illinois.

2. SALES AND SIMILAR TAXES

Sales, use, occupational, excise, or other similar taxes are not included in the prices quoted and if this transaction is subjected to any such tax by any taxing authority whatever, the same must be added to the purchase price.

3. DELIVERIES

The Company shall be under no liability for failure to make deliveries where such failure to deliver may be due to fires, strikes, accidents, labor or transportation difficulties, car shortage, failure to obtain deliveries of materials, action of any State, Federal or local governments or other causes beyond its reasonable control.

4. ESTIMATED SHIPPING WEIGHTS

The Company will not be responsible for the accuracy of shipping weights submitted in quotations, as these weights are estimated weights, for use in computing probable freight charges.

5. GUARANTEES

RATED OUTPUT

The Company guarantees that the apparatus manufactured by it will deliver successfully its output as indicated on the nameplate, provided such apparatus is properly installed and maintained, correctly lubricated, operated under normal conditions and with competent supervision.

REPLACEMENT OF DEFECTIVE MATERIAL

Any parts which show faulty workmanship or material will be repaired or replaced without charge, F.O.B. Company's works, provided such defects develop under normal and proper use within three months after date of shipment and provided Purchaser shall give notice in writing to the Company and a chance to inspect such defects before repairing or altering the product in any way. The correction of such defects by repair or replacement by the Company shall constitute a fulfillment of its obligation to the Purchaser.

NON-LIABILITY FOR LOSS OR DAMAGE

The Company will not be responsible for or liable for any loss or damage resulting from improper storage or handling prior to placing the apparatus in service and will not assume any responsibility, expense or liability for repairs made outside its works without proper written consent of the company. The Company will not be responsible or liable for any damage or loss resulting from installation or operation in any manner not complying with installation or operating instructions or drawings or with the ratings marked thereon.

CONTINGENT LIABILITY

The Company will not be responsible or liable in any way for consequential damage or contingent liability resulting from nondelivery, late delivery, function, malfunction or nonfunction or any equipment sold hereunder or resulting from any service provided or from malfeasance or nonfeasance of any service provided hereunder.

6. CHANGES

In event the Purchaser finds it necessary to make changes in the work to be performed hereunder, he may do so only by written order. If such changes cause an increase or decrease in the amount due for apparatus sold hereunder, or in the time required for completion of resulting order, an equitable adjustment shall be made and the order shall be modified accordingly.

7. TERMINATION

In the event Purchaser, due to good and sufficient cause, desires to effect cancellation of sales or services sold hereunder, notice shall be given in writing to the Company.

The Company shall thereupon, as directed, cease work and deliver to the Purchaser all completed and partially completed articles and materials and work in process. The Purchaser shall pay the Company the following:

- (a) The price provided in the order for all articles or materials which have been completed prior to termination.
- (b) Actual expenditures made by the Company in connection with the incompleting portion of the order, including reasonable cancellation charges paid by the Company for which it may be liable on account of commitments made under the order.
- (c) Reasonable estimated profits on the incompleting portion of the order multiplied by the percentage of completion of the incompleting portion of the order.

8. DEFERRED DELIVERIES

Deferred deliveries are subject to Company's approval. Should the Purchaser for good and sufficient cause desire that we hold up or defer deliveries until some later day, same shall be acceptable on the following conditions only:

- (a) Deferral period is not to exceed sixty days, at the end of which time, if no release is given, Company reserves the right to render invoice and make shipment of the completed portion of order to destination specified in Purchaser's order, or to warehouse such apparatus at Purchaser's expense.
- (b) On the incompleting portion of the order, if release is not given by the Purchaser at the expiration of sixty days, the Company reserves the right to make a cancellation charge on the same conditions and terms of payment as outlined above under "Termination."

9. PATENTS

The Company certifies that to the best of its knowledge the apparatus sold hereunder does not infringe any Letters Patent granted to others by the United States of America or by any country foreign thereto. The Company does not assume any responsibility or liability for any claim of infringement brought against the Purchaser, its successors, assigns, customers or users of its product.

10. PAYMENTS

If, in the judgment of the Company, the financial condition of the Purchaser at any times does not justify continuance of the production or shipment on the terms of payment specified, the Company may require full or partial payment in advance.

Pro rata payments shall become due as shipments are made. If shipments are delayed by the Purchaser, payments shall become due from date when the Company is prepared to make shipment. If manufacture is delayed by the Purchaser, payment shall be made based on the contract price and the percentage of completion. Apparatus held for the Purchaser shall be at the risk and expense of the Purchaser.

11. FEDERAL AND STATE LAWS

The Company, to the best of its knowledge, is complying with The Fair Labor Standards Act, Public Contracts Act and all other applicable State and Federal Laws, and the orders and regulations issued thereunder.

12. GENERAL

There are no understandings, agreements or warranties, either verbal or written, relating to the apparatus sold hereunder that are not fully expressed herein and no change in the terms hereof may be made except by a writing signed by both parties.

No statement, recommendation or assistance made or offered by Company through its representatives to the Purchaser or his representatives in connection with the use of any product sold by us shall be or constitute a waiver by Company of any of the provisions hereof or change the purchaser's liability as herein defined.

Seller represents that with respect to the production of the articles and/or the performance of the services covered by this proposal, it has fully complied with Section 12 (a) of the Fair Labor Standards Act of 1938, as amended.

DATE: April 4, 2014

REQUEST FOR BOARD ACTION

AGENDA: EPS Agenda	ORIGINATING DEPARTMENT:
SECTION NUMBER:	Public Services
ITEM: Award Bid 1551 Elm & Ash Treatments	APPROVAL

In the proposed FY 2014-2015 budget the Public Services Department requested \$165,518 funding in the Elm and Ash Tree Preservation Maintenance Fund (2203-7320) to contract chemical treatments for the prevention of Dutch elm disease in American elms and emerald ash borer infestation in ash trees.

Staff opened 7 bids on April 1st that were developed through a "Municipal Purchase Initiative" for chemical treatments of elm and ash. One type of treatment option was specified for American elms and two treatment options were specified for the treatment of ash. As part of the bid specifications the Municipalities reserved the ability to award the contract in whole or in sections dependent on the best interests of the Municipality.

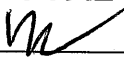
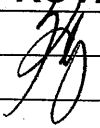
After reviewing the bid packets and speaking with the qualified low bidders; Public Services staff would like to recommend to Committee, upon approval of the FY 2013-14 budget, the award of bid #1551 as follows:

- For the service of Elm Tree Inoculations to Balanced Environments, Inc. in the comparison bid amount of \$10.81 per diameter inch, not to exceed the proposed budgeted amount of \$146,268.00.
- For the service of Ash Tree Soil Injections to Sav-A-Tree in the comparison bid amount of \$1.50 per diameter inch, not to exceed the proposed budgeted amount of \$12,140.00.
- For the service of Ash Tree Trunk Injections to Winkler's Tree Service in the comparison bid amount of \$6.99 per diameter inch, not to exceed the proposed budgeted amount of \$7,110.00.

If Committee concurs with this recommendation, the following motion would be appropriate:

MOTION: To award the following services per bid #1551:

- **Balanced Environments, Inc the service of elm inoculation in the bid comparison amount of \$10.49 per inch not to exceed the proposed budgeted amount of \$146,268.**
- **Sav-A-Tree the service of ash tree soil injection in the bid comparison amount of \$1.50 per inch not to exceed the proposed budgeted amount of \$12,140.**
- **Winkler's Tree Service the ash tree trunk injection in the bid comparison amount of \$6.99 per inch not to exceed the proposed budgeted amount of \$7,110.**

APPROVAL	APPROVAL	APPROVAL	APPROVAL 	MANAGERS APPROVAL 
COMMITTEE ACTION:				
BOARD ACTION:				

BID NUMBER: 1551
 PROJECT NAME: Elm and Ash Treatments
 DATE: 1-Apr-14
 BUDGET: \$165,518

BID NUMBER: 1551		2013 bid		Balanced Environments, Inc 17950 W Route 173 Old Mill Creek, IL 60083		Landscape Concepts Management 31745 N Alleghany Rd. Graylake, IL 60030		Darey Tree Expert Company 1500 N Mantua St Kent, OH 44240		
PROJECT NAME: Elm and Ash Treatments										
DATE: 1-Apr-14										
BUDGET: \$165,518				10% bond		10% bond		10% bond		
Item No.	Description	Item No.	Unit	Qty Est	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
1	fungicide	1	Elm Tree Fungicide	13000	\$ 9.95	\$ 129,350.00	10.49	\$ 136,370.00	13.00	\$ 169,000.00
	Injections per week		Trees Injected/week			100		59		60
		2	Ash Tree Soil Injection	6562	\$ 1.30	\$ 8,530.60	5.25	\$ 34,450.50	2.25	\$ 14,764.50
		3	Ash Tree Trunk Injection	866	\$ 8.95	\$ 7,750.70	10.81	\$ 9,361.46	7.50	\$ 6,495.00
									3.22	\$ 21,129.64
									8.00	\$ 6,928.00

BID NUMBER: 1551
 PROJECT NAME: Elm and Ash Treatments
 DATE: 1-Apr-14
 BUDGET: \$165,518


BID NUMBER: 1551		2013 bid		Trees R Us PO Box 6014 Wauconda IL 60084		Nels Johnson Tree Experts, Inc. 912 Pinet Ave. Evanston, IL 60202		Winkler's Tree Service PO Box 1154 LaGrange Park, IL 60526		
PROJECT NAME: Elm and Ash Treatments										
DATE: 1-Apr-14										
BUDGET: \$165,518				10% bond		10% bond		10% bond		
Item No.	Item Description	Item No.	Unit	Qty/Est	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
1	fungicide	1	Elm Tree Fungicide	13000	9.95	129,350.00	13.10	170,300.00	15.00	195,000.00
	Extended Totals		Trees Injected/week			50		100		100
		2	Ash Tree Soil Injection	6562	\$ 1.30	\$ 8,530.60	\$ 4.00	\$ 26,248.00	\$ 2.00	\$ 13,124.00
		3	Ash Tree Trunk Injection	866	\$ 8.95	\$ 7,750.70	\$ 7.95	\$ 6,884.70	\$ 9.50	\$ 8,227.00
									\$ 1.75	\$ 11,483.50
									\$ 6.99	\$ 6,053.34

BID NUMBER: 1551
 PROJECT NAME: Elm and Ash Treatments
 DATE: 1-Apr-14
 BUDGET: \$165,518

BID NUMBER:		1551		2013 bid		Sav A Tree 550 Bedford Rd Bedford Hills NY 10507		
PROJECT NAME:		Elm and Ash Treatments						
DATE:		1-Apr-14						
BUDGET:		\$165,518				10% bond		
Item No.	Item Description	Item No.	Unit	Qty Est	Unit Price	Extended Total	Unit Price	Extended Total
1	fungicide	1	Elm Tree Fungicide	13000	9.95	129,350.00	18.00	234,000.00
Extended Totals			Trees Injected/week			50		85
	2 Ash Tree Soil Injection			6562	\$ 1.30	\$ 8,530.60	\$ 1.50	\$ 9,843.00
	3 Ash Tree Trunk Injection			866	\$ 8.95	\$ 7,750.70	\$ 17.00	\$ 14,722.00

4c

DATE March 31, 2014**REQUEST FOR BOARD ACTION**

AGENDA EPS Agenda SECTION NUMBER	ORIGINATING DEPARTMENT PUBLIC SERVICES							
ITEM AWARD – GASOLINE	APPROVAL							
<p>Village staff solicited 8 fuel vendors for Bid #1552 for the service of fuel delivery on March 28, 2014. One bid was received for this service. A fixed handling fee (delivery) is negotiated as the price of petroleum varies. The bid received was from Warren Oil Company. The price of gasoline and diesel is a fixed price per the <u>OPIS (Oil Price Information Service)</u> Index. A bid summary is attached.</p> <p>The Public Services staff would like to recommend that Bid #1538 for the service of delivery of gasoline, <i>which does not include pricing for fuel which is fixed per the OPIS index</i>, be awarded to Warren Oil Company and if committee concurs, the following motion would be appropriate:</p> <p>MOTION: To award Bid #1552 for the service of gasoline delivery, to Warren Oil Company with the fuel delivery bid comparison quantity of \$12,931.50 plus the cost of gasoline and diesel per the Oil Price Information Service Index.</p>								
STAFF APPROVALS								
APPROVAL	APPROVAL	APPROVAL	APPROVAL 	MANAGER'S APPROVAL				
COMMITTEE ACTION:								
BOARD ACTION:								

BID NUMBER 1552
 PROJECT NAME: Fuel
 DATE: Feb. 28, 2014

Name:
 Address:

2013 pricing				WARREN OIL 111 E 142nd St. Hammond, IN 46327			
				\$1,500.00 check			

Item No.	Description	Unit	Qty Est	Unit Price	Extended Total	Unit Price	Extended Total						
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1 Unleaded gasoline

a	OPIS	GAL	54,300	varies	0.00	varies	0.00						
b	markup	GAL	54,300	0.0300	1,629.00	0.0150	814.50						
c	Federal tax	GAL	54,300	0.0000	0.00	0.0000	0.00						
d	State tax	GAL	54,300	0.1900	10,317.00	0.1900	10,317.00						

TOTAL	0.2200	11,946.00	0.2050	11,131.50									
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2 No. 2 diesel fuel April-Oct

a	OPIS	GAL	5,300	varies	0.00	varies	0.00						
b	markup	GAL	5,300	0.0300	159.00	0.0100	53.00						
c	Federal tax	GAL	5,300	0.0000	0.00	0.0000	0.00						
d	State tax	GAL	5,300	0.2150	1,139.50	0.2150	1,139.50						

TOTAL	0.2450	1,298.50	0.2250	1,192.50									
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3 No. 2 diesel fuel Nov-March


a	OPIS	GAL	2,700	varies	0.00	varies	0.00						
b	markup	GAL	2,700	0.0300	81.00	0.0100	27.00						
c	Federal tax	GAL	2,700	0.0000	0.00	0.0000	0.00						
d	State tax	GAL	2,700	0.2150	580.50	0.2150	580.50						

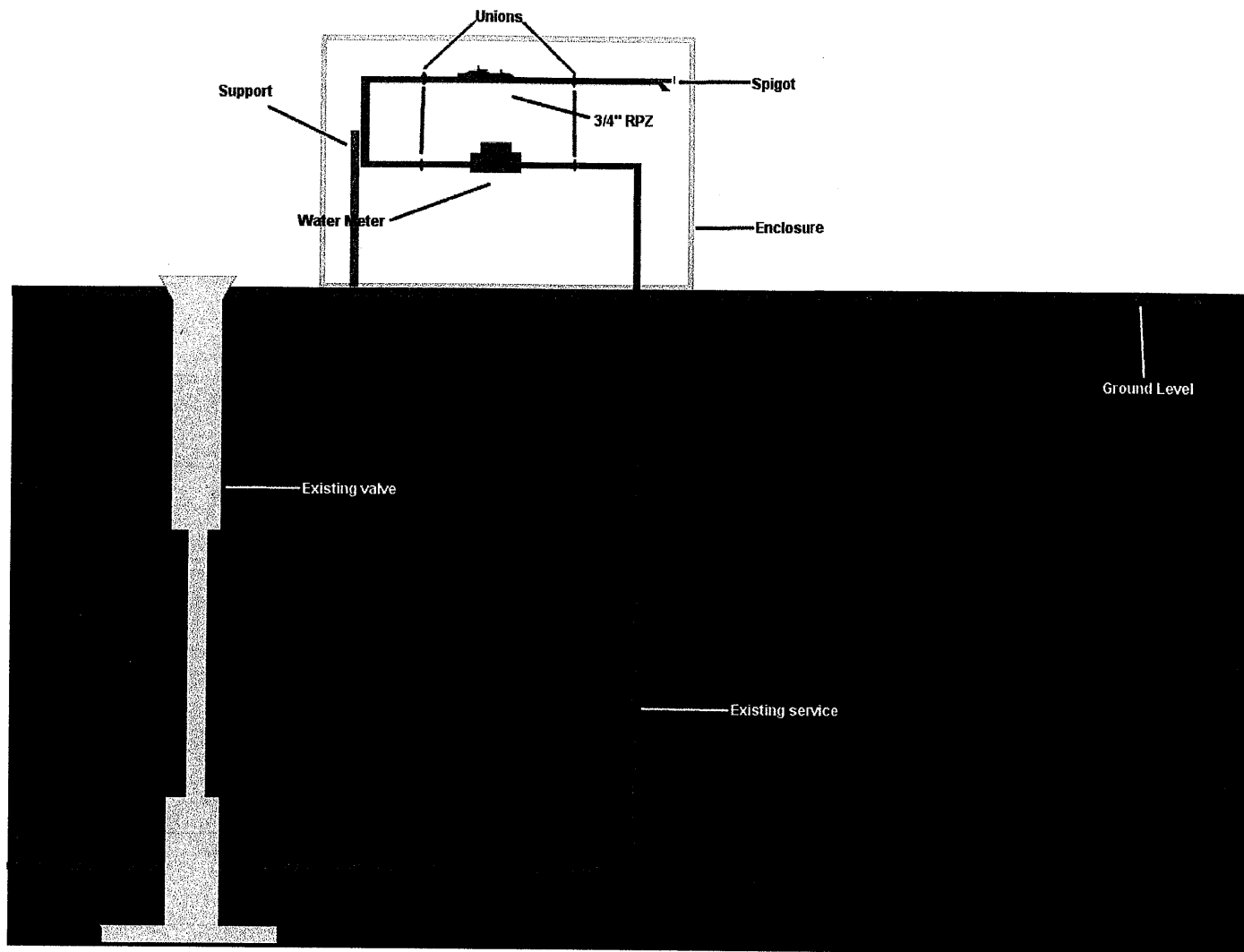
TOTAL	0.2450	661.50	0.2250	607.50				0.0000		0.00			
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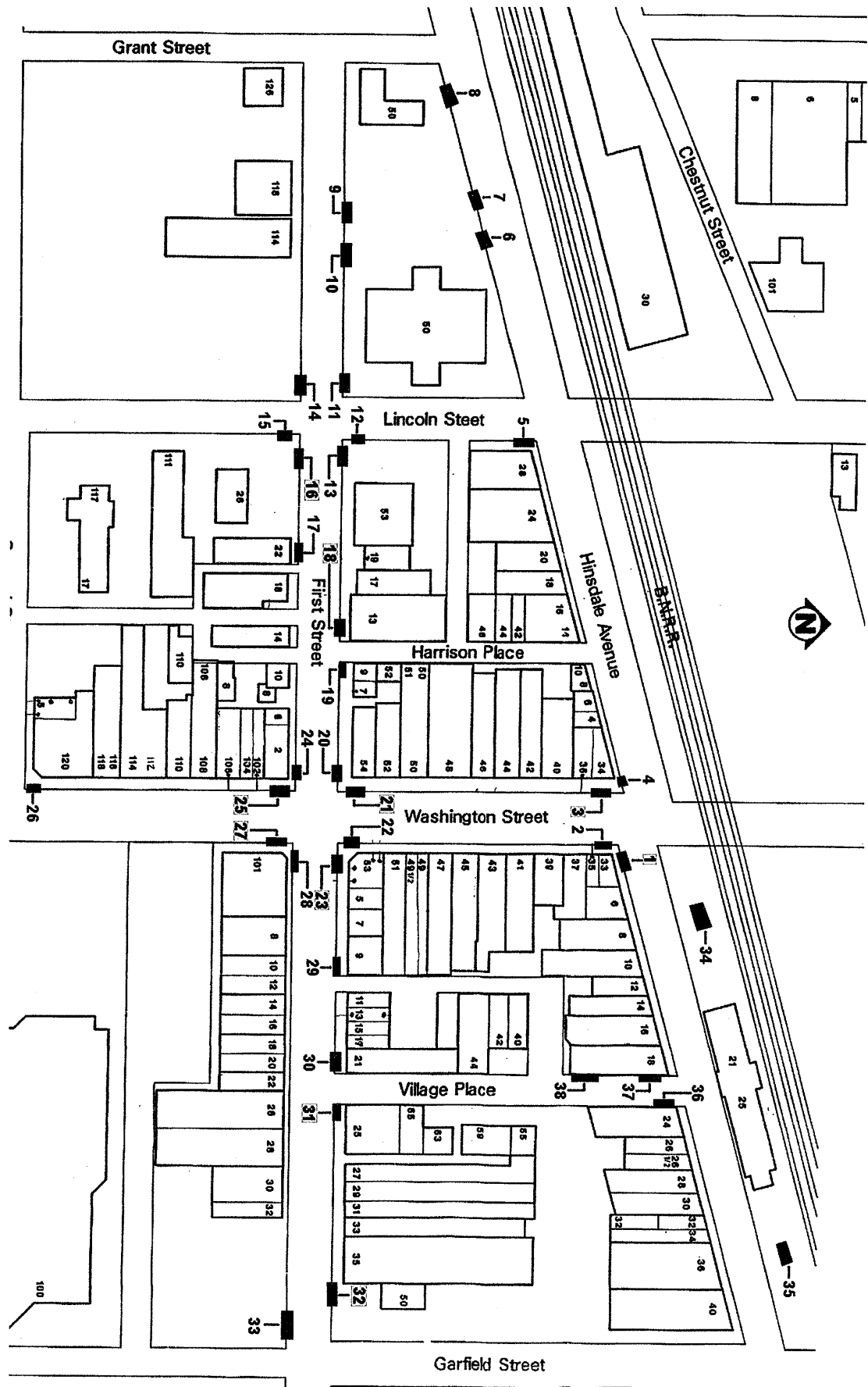
Extended Totals	13,906.00	12,931.50								0.00			
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4d

DATE: March 28th, 2014**REQUEST FOR BOARD ACTION**

AGENDA: EPS Agenda		ORIGINATING DEPARTMENT:		
SECTION NUMBER:		Public Services		
ITEM: Award Bid 1554 BD Irrigation Contract A		APPROVAL		
<p>In the proposed FY 2014-15 budget the Public Services Department requested \$25,000 funding in Roadway Maintenance to install irrigation systems in 10 flower beds in the Business District. Thirty-nine planting beds are located in Hinsdale's central business district. Tender annuals are planted in twenty-five of the beds each spring. The plant material actively grows from May to the end of October. The plant material is installed and maintained by Village staff which includes watering and weeding. These plants require significant amounts of water in order to keep them viable. In 2013, the Village spent \$7,000 for annual plant material. Water access is available in ten of these annual beds. Installation of self watering irrigation systems in these ten planting beds would significantly reduce the amount of time and money spent watering over many years. The amount of noise generated by the current watering pump will also be reduced for shop owners and consumers.</p> <p>During the February EPS committee meeting Village staff received permission to seek bids to include self watering irrigation systems in ten planting beds around the central business district. Staff received solicited nine irrigation and plumbing contractors to install the necessary components to provide irrigation in these ten planting beds. Staff received three bids for this service on March 27, 2014 which is attached. The low bid was received from Masters Irrigation in the amount of \$7,780. The necessary components include: an rpz (backflow prevention), water meter, hose spigot and a discrete enclosure. These items are necessary to comply with regulations and additional irrigation systems can be added in the future.</p> <p>Once these components are installed, staff will provide soaker hoses with battery timers to automatically water the ten planting beds. Additional expenses for the hoses, water meters and timers will amount to approximately \$5000.00. Public Service staff would like to recommend upon approval of the FY 2014-15 budget the award of Bid #1554 (Contract A) to Masters Irrigation, the installation of necessary components for self watering irrigation.</p> <p>MOTION: To award Bid #1554 Contract A, required plumbing for business district planting bed irrigation, to Masters Irrigation in the amount of \$7,780.00.</p>				
APPROVAL	APPROVAL	APPROVAL	APPROVAL 	MANAGERS APPROVAL
COMMITTEE ACTION:				
BOARD ACTION:				





Bid 1554 - BD Irrigation

Bid Summary pg 1 of 2


Contract A - Planting Beds

	Masters Irrigation 10% BB	Aquamist 10% BB	Muellermist Cashieers Check
RPZ	\$310.00	\$1,011.00	\$399.00
Faux Rock Enclosure	\$200.00	\$145.00	\$1,282.00
Enclosure Model	Dekorrra 102-FS	Dekorrra 102-01	Hot Rock LR015040030E
Spigot	\$23.00	\$125.00	\$5.00
Labor	\$245.00	\$499.00	\$1,900.00
Permit/Fees	WAVED	INCLUDED	INCLUDED
Total Per Bed	\$778.00	\$1,780.00	\$3,586.00
Total for 10 Beds	\$7,780.00	\$17,800.00	\$35,860.00

4e

DATE: March 28th, 2014

REQUEST FOR BOARD ACTION

AGENDA: EPS Agenda SECTION NUMBER:	ORIGINATING DEPARTMENT: Public Services			
ITEM: Award Bid 1554 BD Irrigation Contract B (Burlington Park)	APPROVAL			
<p>In the proposed FY 2014-15 budget the Public Services Department requested \$50,000 funding in Building Maintenance to expand the current irrigation system in Burlington Park and installation of planting material in the area of the newly constructed Burlington Park Wall. Village staff recommends expanding the park's current irrigation system into the wall which will ensure the viability of all planted materials. Staff received three bids for this service on March 27, 2014 which is attached. The low bid received was from Aquamist in the amount of \$15,840.88. The following work will be completed as part of this contract:</p> <ul style="list-style-type: none"> • Irrigation control panel upgrade <ul style="list-style-type: none"> -The current panel needs to be upgraded to include additional zones of irrigation, which will be installed in the living wall. • Installation of drip irrigation for living wall plant materials <ul style="list-style-type: none"> -Drip irrigation will provide water to the plants located in the wall façade • Installation of spray nozzles for planted materials in the upper wall <ul style="list-style-type: none"> -The top portion of the wall will include sustainable plantings (trees, shrubs and perennials) that will require water • Restoration of existing irrigation system damaged by wall construction <ul style="list-style-type: none"> -These repairs are necessary to continue turf irrigation in Burlington Park <p>All irrigation work should be completed before plant materials are installed. Public Services staff would like to recommend upon approval of the FY 2014-15 budget the award of Bid #1554 (Contract B) to Aquamist, for Burlington Park irrigation repair and expansion.</p> <p>MOTION: To award Bid #1554 Contract B, Burlington Park wall irrigation, to Aquamist in the amount of \$15,840.88.</p>				
APPROVAL	APPROVAL	APPROVAL	APPROVAL 	MANAGERS APPROVAL
COMMITTEE ACTION:				
BOARD ACTION:				

Bid 1554 - BD Irrigation

Bid Summary pg 2 of 2

Contract B - Burlington Park Irrigation

Masters Irrigation - 10% BB		Price
Description of Work	Parts	
Control Panel Upgrade	Hunter I-Core Pop-ups from wall base 40 - 4" Rainbird 1800 Heads 5 - Irritrol 2400T Valves	\$865.00
Drip Irrigation		
Irrigation Restoration	14 - Rainbird 5000 Heads 2 - Irritrol 2400T Valves	\$7,380.00
Retaining Wall Irrigation	40 - 12" Rainbird 1800 Heads 5 - Irritrol 2400 Valves	\$3,895.00
		\$7,880.00
Contract B total:		\$20,020.00

Aquamist - 10% BB		Price
Description of Work	Parts	
	Hunter I-Core 1 - Rainbird Drip Control Valve XC2100 450ft - Netafim .9 Drip tube	\$1,023.40
	24 - Hunter PGP Heads 1 - Hunter PGU100 JT Valve 2 - Hunter ICU150 Valve CL200 1 1/2" PVC Pipe Paige 18.13 Control Wire Polyethylene Lateral Pipe	\$1,236.40
	2 - Irritrol 2400T Valves	\$6,674.38
	40 - 12" Hunter Pros Heads 3 - Hunter PGU100 Valve CL200 1" PVC Pipe Paige 18.13 Control Wire Polyethylene Lateral Pipe	
		\$6,906.70
Contract B total:		\$15,840.88

Muellermist - Cashieers Check		Price
Description of Work	Parts	
	Hunter I-Core 600	\$1,275.00
	Hunter PC2-101	
	Rainbird XB-05-PC	
	Rainbird XQ-100	
	Rainbird XT-700	\$11,120.00
	Hunter PGP Heads	
	Hunter PGV Valves	
		\$5,875.00
	12" Hunter Pros Heads	
	Hunter PGV Valves	
		\$8,290.00
Contract B total:		\$26,560.00

REQUEST FOR BOARD ACTION

AGENDA EPS Agenda SECTION NUMBER	ORIGINATING DEPARTMENT PUBLIC SERVICES			
ITEM Award Bid 1557 Tree Maintenance	APPROVAL			
<p>In the proposed FY 2014-2015 budget the Public Services Department requested \$133,000 funding in the Tree Removal Fund (2203-7304) to contract removal of trees and tree stump removal and restoration.</p> <p>Staff opened 6 bids on April 1st that were developed through a "Municipal Purchase Initiative" for Tree Maintenance. The lowest bid quantity comparative price for tree and stump removal was submitted by Homer Tree Service, who has successfully completed previous tree removal contracts with the Village. A bid comparison is attached. This bid included emergency work and emergency tree trimming pricing which are included in the bid comparison; however is not included in overall pricing as these items are outside the normal scope of work and utilized in the event of an emergency.</p> <p>After reviewing the bid packets and speaking with the qualified low bidder; Public Services staff would like to recommend to Committee, upon approval of the FY 2014-15 budget, the award of bid #1557 to Homer Tree Service</p> <p>If Committee concurs with this recommendation, the following motion would be appropriate:</p> <p>MOTION: To award Bid 1557 - Tree Maintenance; to Homer Tree Service for the services of tree and stump removal in the bid quantity comparative price of \$91,402 not to exceed the budgeted amount of \$133,000.</p>				
STAFF APPROVALS				
APPROVAL	APPROVAL	APPROVAL	APPROVAL	MANAGER'S APPROVAL
COMMITTEE ACTION:				
BOARD ACTION:				

BID NUMBER: 1557
 PROJECT NAME: Tree Removal
 DATE: 4/1/14
 Contract Year: 2014-2015
 BUDGET: \$133,000.00

Nels Johnson

Type	Tree Diameter (dbh) Classes	Estimated #of Trees	Estimated Total Diameter	Unit Price per inch ¹	Extended Total
Tree Removal	1-11"	0	0	\$ 10.00	\$ -
	12-18"	3	36	\$ 15.00	\$ 540.00
	19-26"	39	868	\$ 17.00	\$ 14,756.00
	27-36"	41	1,209	\$ 26.00	\$ 31,434.00
	37" +	12	455	\$ 30.00	\$ 13,650.00
					\$60,380.00

Total quantity cost

\$100,432

Type	Tree Diameter (dbh) Classes	Estimated #of Trees	Estimated Total Diameter	Unit Price per inch ¹	Extended Total
Tree Removal	1-11"	0	0	\$ -	\$ -
	12-18"	3	36	\$ 15.00	\$ 540.00
	19-26"	39	868	\$ 22.00	\$ 19,096.00
	27-36"	41	1,209	\$ 24.00	\$ 29,016.00
	37" +	12	455	\$ 30.00	\$ 13,650.00
					\$62,302.00

Homer

Type	Tree Diameter (dbh) Classes	Estimated #of Trees	Estimated Total Diameter	Unit Price per inch ¹	Extended Total
Stump Removal	1-11"	3	29	\$ 5.00	\$ 145.00
	12-18"	81	1,347	\$ 5.00	\$ 6,735.00
	19-26"	55	2,256	\$ 5.00	\$ 11,280.00
	27-36"	100	1,625	\$ 5.00	\$ 8,125.00
	37" +	15	563	\$ 5.00	\$ 2,815.00
					\$29,100.00

Total quantity cost

\$91,402.00

Grounds Keeper

Type	Tree Diameter (dbh) Classes	Estimated #of Trees	Estimated Total Diameter	Unit Price per inch ¹	Extended Total
Tree Removal	1-11"	0	0	\$ 13.51	\$ -
	12-18"	3	36	\$ 16.32	\$ 587.52
	19-26"	39	868	\$ 19.13	\$ 16,604.84
	27-36"	41	1,209	\$ 25.63	\$ 30,986.67
	37" +	12	455	\$ 29.90	\$ 13,604.50
					\$ 61,783.53

Total quantity cost

\$ 115,618.53

Type	Tree Diameter (dbh) Classes	Estimated #of Trees	Estimated Total Diameter	Unit Price per inch ¹	Extended Total
Tree Removal	1-11"	0	0	\$ 10.00	\$ -
	12-18"	3	36	\$ 18.00	\$ 648.00
	19-26"	39	868	\$ 24.00	\$ 20,832.00
	27-36"	41	1,209	\$ 28.00	\$ 33,852.00
	37" +	12	455	\$ 38.00	\$ 17,290.00
					\$ 72,622.00

Landscape Concepts

Type	Tree Diameter (dbh) Classes	Estimated #of Trees	Estimated Total Diameter	Unit Price per inch ¹	Extended Total
Stump Removal	1-11"	3	29	\$ 12.00	\$ 348.00
	12-18"	81	1,347	\$ 12.00	\$ 16,164.00
	19-26"	55	2,256	\$ 10.00	\$ 22,560.00
	27-36"	100	1,625	\$ 10.00	\$ 16,250.00
	37" +	15	563	\$ 10.00	\$ 5,630.00
					\$ 60,952.00

Total quantity cost

\$ 133,574.00

Davey

Type	Tree Diameter (dbh) Classes	Estimated #of Trees	Estimated Total Diameter	Unit Price per inch ¹	Extended Total
	1-11"	0	0	\$ -	\$ -
	12-18"	3	36	\$ 35.00	\$ 1,260.00
	19-26"	39	868	\$ 40.00	\$ 34,720.00
	27-36"	41	1,209	\$ 45.00	\$ 54,405.00
Tree Removal	37" +	12	455	\$ 50.00	\$ 22,750.00
					\$113,135

Kramer

Type	Tree Diameter (dbh) Classes	Estimated #of Trees	Estimated Total Diameter	Unit Price per inch ¹	Extended Total
	1-11"	0	0	\$ 16.00	\$ -
	12-18"	3	36	\$ 30.00	\$ 1,080.00
	19-26"	39	868	\$ 51.00	\$ 44,268.00
	27-36"	41	1,209	\$ 64.00	\$ 77,376.00
Tree Removal	37" +	12	455	\$ 74.00	\$ 33,670.00
					\$ 156,394.00

Total quantity cost

\$177,155

Total quantity cost

\$ 232,212.00

Type	Tree Diameter (dbh) Classes	Estimated #of Trees	Estimated Total Diameter	Unit Price per inch ¹	Extended Total
	1-11"	3	29	\$ 11.00	\$ 319.00
	12-18"	81	1,347	\$ 11.00	\$ 14,817.00
	19-26"	55	2,256	\$ 11.00	\$ 24,816.00
	27-36"	100	1,625	\$ 11.00	\$ 17,875.00
Stump Removal	37" +	15	563	\$ 11.00	\$ 6,193.00
					\$64,020.00

Type	Tree Diameter (dbh) Classes	Estimated #of Trees	Estimated Total Diameter	Unit Price per inch ¹	Extended Total
	1-11"	3	29	\$ 11.50	\$ 333.50
	12-18"	81	1,347	\$ 11.50	\$ 15,490.50
	19-26"	55	2,256	\$ 13.50	\$ 30,456.00
	27-36"	100	1,625	\$ 13.50	\$ 21,937.50
Stump Removal	37" +	15	563	\$ 13.50	\$ 7,600.50
					\$ 75,818.00

	Emergency Work		Trim Tickets	
	In Work Hours	Outside Work Hours	In Work Hours	Outside Work Hours
Company				
Neils Johnson	\$ 80.00	\$ 95.00	\$ 70.00	\$ 85.00
Groundskeeper	\$ 117.33	\$ 164.27	\$ 95.24	\$ 133.33
Horner	\$ 116.50	\$ 150.00	\$ 116.50	\$ 150.00
Landscape Concepts Management	\$ 85.00	\$ 110.00	\$ 70.00	\$ 95.00
Davey	\$ 85.00	\$ 105.00	\$ 85.00	\$ 105.00
Kramer	\$ 126.00	\$ 154.00	\$ 96.00	\$ 154.00

4g

MEMORANDUM


DATE: 4/2/2014
TO: CHAIRMAN LAPLACA & EPS COMMITTEE
FROM: GEORGE FRANCO
SUBJECT: Clarke Mosquito Control Abatement Services

Public Services staff met with Emily Glasberg, the Village's control consultant representative from Clarke Mosquito Control, to review the 2014 mosquito abatement program. The EarthRight program which was reviewed during the February EPS meeting by Clarke Mosquito Control representatives George Balis and Emily Glasberg is a groundbreaking public health solution for mosquito control. The program pairs unique products which contain active ingredients from natural origins which are then formulated to meet the EPA approval and the Organic Materials Review Institute standards for use in organic farming and gardening. These chemistries have been developed to respect the environment while also protecting the public.

Clarke Mosquito Control has submitted a quote to lock in the 2013 pricing for a three year term utilizing the EarthRight program. Per this proposal, the annual cost for mosquito abatement program services for the next three years would be \$55,496.00.

A copy of the Professional Services Outline is attached which includes a detailed listing of general services, surveillance and monitoring, and larval control. The core program cost does not include the service of a village wide adulticiding spraying application.

Cc: Kathleen Gargano, President Cauley, and Board of Trustees

AGENDA EPS Agenda SECTION NUMBER			ORIGINATING DEPARTMENT PUBLIC SERVICES	
ITEM MOSQUITO ABATEMENT			APPROVAL	
<p>The Public Services department received a proposal from Clarke Mosquito Control for service of mosquito abatement services. The proposal received from Clarke Mosquito Control will lock current pricing for three years and utilize the EarthRight program.</p> <p>Public Services staff would like to recommend the approval of Clarke Mosquito Control's EarthRight program to be utilized during FY 2014-15 in the amount of \$55,496.00, and if the Committee concurs, the following motion would be appropriate:</p> <p>MOTION: To recommend to the Board of Trustee's the approval of Clarke Mosquito Control's EarthRight program for the FY 2014-15 in the amount of \$55,496.00.</p>				
STAFF APPROVALS				
APPROVAL	APPROVAL	APPROVAL	APPROVAL 	MANAGERS APPROVAL
COMMITTEE ACTION:				
BOARD ACTION:				



EarthRight™

**Clarke Environmental Mosquito Management, Inc.,
Professional Services Outline for 2014-2016
Village of Hinsdale
EarthRight™ Program**

Part I. General Service

- A. Aerial Survey and Geographic Information System (GIS) Mapping
- B. Computer System and Record Keeping Database
- C. Public Relations and Educational Brochures
- D. Mosquito Hotline Citizen Response – (800) 942-2555
- E. Comprehensive Insurance Coverage naming the Village of Hinsdale additionally insured
- F. Program Consulting and Quality Control Staff
- G. Monthly Operational Reports, Periodic Advisories, and Annual Report
- H. Regulatory compliance on local, state, and federal levels

Part II. Surveillance and Monitoring

- A. Floodwater Mosquito Migration Model:
The use of weather data and computer model to predict the arrival of *Aedes vexans* brood (hatch) and peak annoyance periods.
- B. Arbovirus Surveillance:
 - 1. Gravid Trap: Operation of one (1) trap to collect *Culex* mosquitoes. Mosquitoes will be collected, identified to species, and pooled for disease assay. Samples will be tested at Clarke laboratories utilizing RAMP® technology for West Nile Virus.
 - 2. Clarke New Jersey Light Trap Network: Operation of one (1) trap within the Village of Hinsdale to monitor and evaluate adult mosquito activity.
 - 3. Clarke New Jersey Light Trap Network to monitor and evaluate adult mosquito activity.
- C. Weather Monitoring – Operational Forecasts

Part III. Larval Control

- A. Targeted Mosquito Management System (TMMS™) computer database and site management.
- B. Larval Site Monitoring: 17 inspections
 - 1. Fourteen (14) complete inspections of up to 24 sites as outlined by most recent Clarke GIS Survey.
 - 2. Three (3) targeted inspections of up to 15 known *Culex spp.* breeding areas as determined by the computerized Clarke Targeted Mosquito Management System™.
 - 3. Inspections of sites called in by residents on the Mosquito Hotline.



EarthRight™

- C. Prescription Larval Control will be performed with Natular™ mosquito larvicide as described in the following sections.
1. Larval Control: The program provides for 51 acres of single brood or 30 day residual product with backpack or hand equipment.
 2. Larval Control: Stocking of 1,000 mosquito fish (*Gambusia affinis*) for biological control.
 3. Catch Basins: One treatment of up to 1,705 catch basins, inlets and manholes using an extended residual slow release insecticide (Natular™) for up to 180 day control.
 4. Catch Basins: One treatment (Booster) of up to 1,705 catch basins, inlets and manholes using an extended residual slow release insecticide (Natular™ T30) for late season control.

Part IV. Adult Control

- A. Adulticiding in mosquito harborage areas:
1. As authorized by the Village of Hinsdale, scheduled truck Ultra Low Volume (ULV) treatments using Merus™ a botanical insecticide (pyrethrin) for any community special events will be charged at \$385.00.
- B. Adulticiding in Residential Areas:
1. As authorized by the Village of Hinsdale, community-wide truck ULV treatments of up to 74.7 miles of streets using Merus™ a botanical insecticide (pyrethrin). Any authorized applications will be priced at \$5,976.00 per treatment.
- C. Adulticiding Operational Procedures
1. Notification of community contact.
 2. Weather limit monitoring and compliance.
 3. Notification of residents on Clarke Call Notification List.
 4. ULV particle size evaluation.
 5. Insecticide dosage and quality control analysis.

2014-16 EarthRight™ Payment Total Price for Parts I, II, III, IV**

\$55,496.00

****NPDES Permit:** A National Pollutant Discharge Elimination System (NPDES) permit is necessary for the execution of the work for mosquito control effective October 31, 2011. Any additional costs associated with activities and/or services that may be required by Clarke in order to comply with an NPDES permit are not included in this proposal.



EarthRight™

**Clarke Environmental Mosquito Management, Inc.,
Client Agreement Authorization for 2014-2016
Village of Hinsdale
EarthRight™ Program**

- I. **Program Payment Plan:** For Parts I, II, III, and IV as specified in the 2014-2016 Professional Services Price Outline, the total for the 2014-2016 program is \$55,496.00. The payments will be due according to the payment schedule below. Any additional treatments beyond the core program will be invoiced when the treatment is completed. Should Clarke enter into an agreement with DuPage County, the outlined services and pricing can be modified upon mutual agreement of both parties.

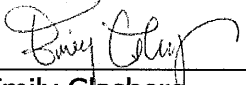
PROGRAM PAYMENT PLAN

Month	2014	2015	2016
June 1	\$13,874.00	\$13,874.00	\$13,874.00
July 1	\$13,874.00	\$13,874.00	\$13,874.00
August 1	\$13,874.00	\$13,874.00	\$13,874.00
September 1	\$13,874.00	\$13,874.00	\$13,874.00
TOTAL	\$55,496.00	\$55,496.00	\$55,496.00

For Village of Hinsdale:

Sign Name: _____ Title: _____ Date: _____

For Clarke Environmental Mosquito Management, Inc.:

Name:  Title: Key Accounts Manager Date: 2/13/14
Emily Glasberg



EarthRight™

**Clarke Environmental Mosquito Management, Inc.,
Client Authorization for 2014-2016
Village of Hinsdale
EarthRight™ Program**

Administrative Information:

Invoices should be sent to:

Name: _____
Address: _____
City: _____ State: _____ Zip _____
Office Phone: _____ Fax: _____ P.O. # _____
E-mail: _____ County: _____

****In an effort to be more sustainable, we ask that you provide us with an
Email address that the invoices should be sent to.****

Treatment Address (if different from above):

County: _____

Address: _____
City: _____ State: _____ Zip _____

Contact Person for Village of Hinsdale:

Name: _____ Title: _____
Office Phone: _____ Fax: _____ E-Mail: _____
Home Phone: _____ Cell: _____ Pager: _____

Alternate Contact Person for Village of Hinsdale:

Name: _____ Title: _____
Office Phone: _____ Fax: _____ E-Mail: _____
Home Phone: _____ Cell: _____ Pager: _____

Please sign and return a copy of the complete contract for our files to:

Clarke Environmental Mosquito Management, Inc., Attn: Emily Glasberg
110 E. Irving Park Rd., 4th Floor, Roselle, IL 60172-9963 or Fax at (630) 894-1774 or
email eglasberg@clarke.com



EarthRight™

DATE: April 14, 2014

4h

REQUEST FOR BOARD ACTION

AGENDA	ORIGINATING Community
SECTION NUMBER EPS Consent Agenda	DEPARTMENT Development
ITEM Engineering Services for Construction Observation of the 2014 Infrastructure Project	APPROVAL Daniel M. Deeter Village Engineer

In February 2014, the Board of Trustees approved revisions to the contract with James J. Benes & Associates to design the revised 2014 Infrastructure Project. To achieve economies of scale, the 2014 Infrastructure Project includes:

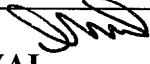


- 2014 Resurfacing Project (per the MIP)
- 2013/14 Water Main Project (Corporate Fund funded in FY2013)
- 2014 Maintenance Project (per the MIP)
- Robbins Park Storms Sewer Project (funded by the new Annual Infrastructure Project fund)
- Parking Lot Resurfacing (Brook Park, Village Parking Lot, Burlington Park lot)(funded in various departmental capital line items)

It has been the Village staff's preference to maintain the same consultant throughout the project (through design and construction) when possible for continuity. Considering their satisfactory performance during the design process, staff recommends using James J. Benes & Associates for the construction observation portion of the 2014 Infrastructure Project. James J. Benes & Associates will honor their construction observation services costs presented in their January 2014 proposal. The project costs are summarized below. Engineering Services for this project are 8.3% of the overall project cost.

Construction (2014)	\$2,867,779	(Budgeted: Bid Opening on 04/17/14)
Design Engineering (2013)	\$ 81,325	
Construction Observ. (2014)	\$ 177,069	
Total Budget	\$3,126,173	

Should the Committee concur with this recommendation, the following motion would be appropriate:

Motion: To Award the Engineering Services for Construction Observation of the 2014 Infrastructure Project to James J. Benes & Associates the Amount Not to Exceed \$177,069.00.

APPROVAL 	APPROVAL	APPROVAL	APPROVAL 	MANAGER'S APPROVAL 
COMMITTEE ACTION:				
BOARD ACTION:				



JAMES J. BENES AND ASSOCIATES, INC.
CONSULTING ENGINEERS

February 3, 2014

Mr. Daniel M. Deeter, P.E.
Village Engineer
Village of Hinsdale
19 East Chicago Avenue
Hinsdale, IL 60521-3489

Re: 2nd Revised Engineering Proposal
Village of Hinsdale – 2014 Roadway and Parking Facility Maintenance Project

Dear Dan:

We appreciate the opportunity to submit this revised proposal to perform engineering services related to the Village's 2014 Roadway Resurfacing including Garfield Water Main from 55th to 57th Street and the Robbins Park Storm Sewer from Grant to Vine Streets, 2014 Roadway Maintenance and Parking Lot Maintenance Projects. The scope of work shall include the preparation of Final Engineering Plans Specifications, Estimate by combining the existing Roadway Resurfacing PS&E with the recently identified Roadway Maintenance and Parking Facility Maintenance work and Construction Engineering Services has been updated to include six additional roadway segments and three parking areas. Our understanding of the objectives, the scope of the services to be provided, and our not-to-exceed cost to perform engineering and construction observation are presented in the following paragraphs. Please call me at (630) 719-7570 if you have any questions or comments concerning our proposal.

This proposal supersedes and replaces the following agreements:

1. 2014 Resurfacing Proposal Dated January 18, 2013 and executed on February 22, 2013
2. 2014 Water Main Improvement Project dated April 30, 2013 and executed on May 24, 2013

James J. Benes agrees to not issue additional invoices under these two contracts which become void and all previous payments from the above listed two agreements are not to be deducted from the payments made under this proposal if so accepted and executed.

Project Understanding

James J. Benes will prepare final PS&E for the following additional scope of improvements:

ROADWAY RESURFACING

- South Adams from Hinsdale Avenue to Fourth Street
- North Bruner from North End to North Street
- North Grant from Ogden Avenue to Center Street
- West Hickory from Adams Street to Madison Street
- North Lincoln from Pavement Change to Ayres Street
- S. Clay Street from Fourth Street to Sixth Street

950 Warrenville Road, Suite 101
Lisle, Illinois 60532

Tel. (630) 719-7570
Fax (630) 719-7589

PARKING LOT RESURFACING

- Brook Park Parking at the east end of Third Avenue (867sy)
- Brook Park Parking at the east end of Woodside Avenue. (800sy)
- Brook Park east Path (327sy)
- Village of Hinsdale parking lot north of Burlington between Lincoln and Washington Streets (7,000sy)
- Commuter Parking lot on Burlington between Garfield and Washington Streets (2,640sy)

STORM SEWER IMPROVEMENT

- Robbins Park from S. Grant to S. Vine (459 lf)

The above Roadway Resurfacing, Parking Lot Resurfacing and Storm Sewer Improvements with an estimated construction cost of \$707,000 will be combined with the following work which is currently designed to create a single bid package:

2014 RESURFACING IMPROVEMENTS

- Bodin Street from Ninth Street to 55th Street
- Monroe Street from Ninth Street to 55th Street and Eighth Street to Seventh Street
- 7th Street from Monroe Street to Madison Street
- Adams Street from Eighth Street to Fourth Street
- Adams /Bodin Alley between Sixth and Fourth Streets
- 6th Street from Bodin Street to Monroe Street
- Maple Street from Garfield Street to Park Street
- Fuller Road from Justina Street to Mills Street
- Garfield Street from 55th Street to 57th Street

The above identified scope of roadway, water main, sewer and parking lot improvements is the agreed scope of improvements for both engineering and construction observation considered as part of this proposal..

The Village of Hinsdale 2014 Roadway Maintenance Project, Parking lot improvements and drainage improvements will achieve the following:

- Bituminous surface removal and replacement of various depths
- Adjustment or reconstruction of utility structures within the roadway and parking lots
- Removal and replacement of curb and gutter at locations where structural or drainage deficiencies exist

- Design and installation of ADA compliant access where existing access does not meet current ADA design criteria and standards.
- Provide relief sewer between Grant and S. Vine to improve the level of service on 5th Street.

The Final Engineering will:

- Coordinate the design proposed drainage solution with Village Staff and Public Utility Companies.
- Perform a detailed survey in accordance with Village of Hinsdale Policies and Procedures outlined in the RFQ/P.
- Prepare Final Engineering Plans, Specifications and Estimate in accordance with Village of Hinsdale and IDOT Policies and Procedures in preparation for public bidding. Combining all work into one bid package.
- Prepare all permitting documents to construct the proposed improvement.

SCOPE OF SERVICES – FINAL ENGINEERING

The following design services are proposed for the 2014 Roadway Maintenance Project.

I. DESIGN ENGINEERING

A. Kick Off Meeting:

We will attend a coordination meeting with the Village Staff at the onset of our work for the purpose of confirming the scope of the project and the anticipated schedule; review study results that were completed in the Study Phase; and to discuss any specific needs of the Village.

B. Utility Information:

The utility information that was obtained from utility companies (gas, electric, telephone, cable, etc.) previously will be used.

C. Field Survey:

We will perform a detailed topographic survey and field check of the areas of the proposed construction in accordance with the Village's policies and procedures to verify the existing conditions to be shown on the engineering plans.

D. Geotechnical and Environmental Investigations:

Soil borings are not contemplated at this time. Should soil boring data become necessary during the engineering we will submit a separate identifying the scope and cost of those services.

We will rely on previous environmental investigation by Huff and Huff Inc. And perform additional research as necessary to minimize Village exposure to unforeseen costly disposal of contaminated soil.

E. Base Plan Sheets:

The plan base sheets will be prepared and incorporate utility atlas information.

F. Design Parameters and Standards:

The following established design parameters and recommended standards will be confirmed or established:

- Horizontal and vertical alignments will remain similar to existing conditions.
- It is not anticipated that any significant amount of additional impervious area will be created and therefore, storm water detention is not anticipated to be required for this project.
- Any required Best Management Practices (BMPs), per the Storm Water Ordinance will be developed. The method of providing the required PCBMP's, including fee-in-lieu, will be established.
- The design standards (i.e. Village of Hinsdale, Illinois Standards for Water and Sewer, IDOT and DuPage County) will be utilized.

G. Sanitary Sewer Video:

No Sanitary sewer video is proposed.

H. Final Plans:

We will prepare final engineering plans in CADD format consisting of the following plan sheets:

- Title Sheet
- General Notes/Schedule of Quantities
- Summary of Quantities
- Alignment and Benchmarks
- Typical Sections
- Plan Sheets
- Drainage and Utility Plans
- Cross Sections
- Construction Details
- IDOT District One Details
- Standard Details

I. Specifications:

We will prepare contract documents in the Village format. If the Village is granted funds unknown at this time, the contract documents will additionally follow the required format. The documents will consist of references to applicable standard specifications, special provisions, bid forms, instruction to bidders, Village General Conditions, Contract Bid Form, Bond Forms, Insurance Requirements, and applicable compliance requirements.

J. Estimates of Cost:

We will prepare cost estimates at 65% (preliminary), 95% (pre-final) and final plan completion.

K. Permitting:

We will prepare all necessary permit applications and supporting documentation and submit to the agency in responsible charge for processing if required.

L. Submittals:

We will submit plans, contract documents, and cost estimates at the 65% (preliminary), 95% (pre-final), and final completion stages. We will meet with the Village staff as needed to discuss review comments.

We will submit plans to the utility companies at the 95% (pre-final) completion stage, and will coordinate any conflicts.

CONSTRUCTION ENGINEERING SERVICES

1. We will attend the pre-construction meeting with the Village and Contractor to review the project requirements, scheduling, sub-contractors, and other matters associated with the construction of the project. Electronic copies of the construction documents will be provided to the Village and contractor for use during construction of the improvement.
2. We will establish the limits of construction and will check the Contractor's layout of the construction lines and grade.
3. Construction observation services will be provided in accordance with Village guidelines.

The construction engineering services will not include:

- Assuming any of the responsibilities of the Contractor's superintendent or of Subcontractors.
 - Expediting the work for the Contractor.
 - Advising on, or issuing directions concerning, aspects of construction means, methods, techniques, sequences or procedures, or safety precautions and programs in connection with the work.
4. Contractor payment requests will be reviewed and compared to as-built quantities and material certifications provided by the Contractor. Engineer's Partial Payment Estimates will be prepared on a monthly basis and submitted to the Village for payment to the Contractor.
 5. Quality assurance testing and management will be provided for the hot mix asphalt construction as required. This work will be subcontracted and assumes only resurfacing pavement as required. If the Village determines that additional testing is required additional material testing costs will be negotiated with Testing Service Corporation to be paid by the Village.
 6. Upon completion of the improvement, an Engineer's Final Payment Estimate will be prepared and submitted to the Village.
 7. As-Built Drawings will be provided to the Village in autocad format upon completion. All construction document will be boxed and provided to the Village for its records.

H. Bidding:

We will assist the Village as needed in receiving bids for the construction. It is anticipated that plans and contract documents will be sold at the office of James J. Benes and Associates, Inc. and payment for the plans and contract documents made to James J. Benes and Associates, Inc.

KEY PERSONNEL

The key personnel to be assigned to the drainage study will be as follows:

PRINCIPAL: Thomas Adomshick, P.E., PTOE
President

PROJECT MANAGER: Jeffery C. Ziegler
Vice President

PROJECT ENGINEER: Joshua D. Strait, P.E.
Project Engineer

The primary contacts for the project will be Jeffery Ziegler and Joshua Strait.

COMPENSATION

Compensation for all services will be on an hourly rate basis. Invoices will be prepared monthly and will document the direct payroll and direct costs expended. The amount of the invoice will be determined as follows:

- | | |
|---|--|
| A. Direct Payroll: | Hours X Employee Hourly Rate |
| B. Expansion for Overhead
& Payroll Burden | Direct Payroll X IDOT Rate
(Current IDOT Rate is 144.61%) |
| C. Expansion for
Professional Fee: | Item (A + B) X 15% |
| D. Direct Cost: | At Actual Cost |
| E. Total Invoice Amount: | Sum of Items A, B, C & D |

The not-to-exceed cost for Final Engineering, including direct payroll, expansion for overhead and payroll burden, professional fee, and direct costs is \$81,325

The not-to-exceed cost for Construction Engineering, including direct payroll, expansion for overhead and payroll burden, professional fee, and direct costs is \$177,069.

The above amounts shall not be exceeded unless there is a change in the scope, complexity or character of the services to be provided. Under these circumstances adjustments in the total compensation shall be determined through negotiation between us and the Village. The not-to-exceed cost is based on the "Estimate of Manhours and Costs" that is attached to and made part of the proposal.

COMPLIANCE WITH RULES AND REGULATIONS

We comply with the Illinois Fair Employment Practices Commission's Rules and Regulations, the Americans with Disabilities Act of 1990, Public Act 87-1257 regarding sexual harassment, all current OSHA rules and regulations, and the Federal Drug Free Work Place Act. We shall also comply with all laws of the United States, State of Illinois, and all ordinances and regulations of the Village of Hinsdale.

February 3, 2014

Respectfully Submitted,
JAMES J. BENES AND ASSOCIATES, INC.

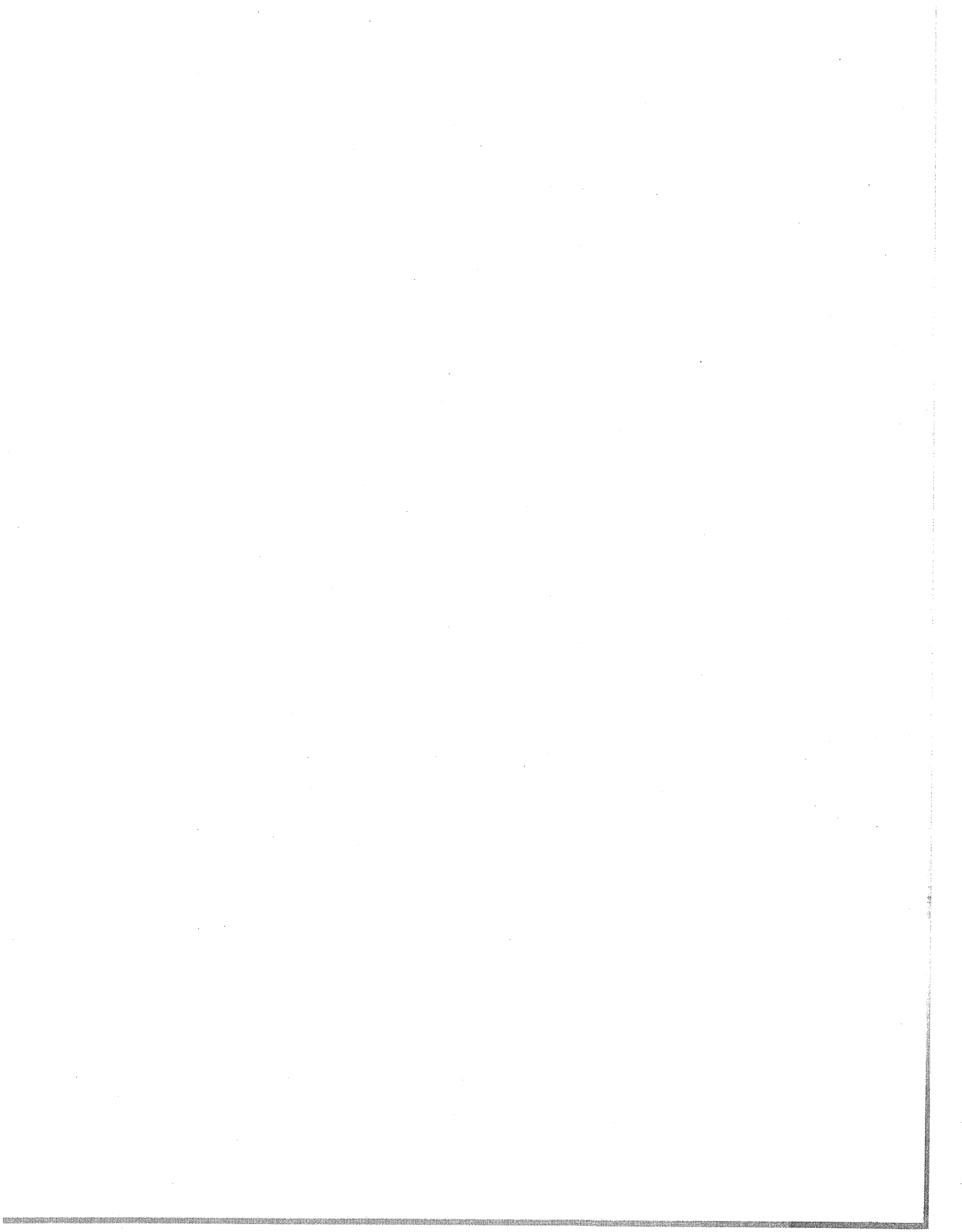

by: Jeffrey C. Ziegler
Vice President

ACCEPTANCE

If this proposal is acceptable to the Village of Hinsdale, please indicate your acceptance below and return one copy for our files.

Accepted for: _____

by: _____ Date: _____



ESTIMATE OF MANHOURS

VILLAGE OF HINSDALE 2014 Roadway Maintenance Project

January 10, 2014

DESIGN									
CATEGORY OF SERVICE	PRINC.	SR. ENG.	PROJ. ENG.	FIELD TECH	CAD TECH	TOTAL HOURS	TOTAL PAY COST	DIRECT COST	TOTAL COST
FIELD SURVEY & BASE PLANS	1	0	4	0	280	285	\$20,015	\$0	\$20,015
PLAN SHEET PREPARATION									
1. Process Data Collection	0	0	2	0	24	26	\$1,864		\$1,864
2. Field Check, Limits, Addresses	0	0	4	24	0	28	\$2,061		\$2,061
3. Design Prints	0	0	0	1	0	1	\$69		\$69
4. Utility Correspondence	0	0	2	1	0	3	\$266		\$266
FINAL DESIGN									
1. Typical Sections	2	2	16	0	24	44	\$3,822	\$0	\$3,822
2. Plan Sheets	0	0	32	0	32	64	\$5,374	\$0	\$5,374
3. Structure Adjustment and Repairs	0	0	20	16	32	68	\$5,304	\$0	\$5,304
4. Curb Removal and Replacment	0	0	16	16	8	40	\$3,243	\$0	\$3,243
5. Pavement and Drive Patching	0	0	16	16	4	36	\$2,965	\$0	\$2,965
6. ADA Design and Details	0	0	24	0	16	40	\$3,475	\$0	\$3,475
6. Staff Coordination	8	8	12	0	0	28	\$3,499	\$0	\$3,499
COORDINATION / PERMITTING									
1. Utilities	0	0	4	0	4	8	\$672	\$0	\$672
2. BNSF / Metra	1	0	2	0	0	3	\$363	\$0	\$363
3. DuPage County	0	0	0	0	0	0	\$0	\$0	\$0
4. Geotechnical	0	2	0	0	0	2	\$248	\$10,500	\$10,748
5. Staff Coordination	8	8	8	0	16	40	\$4,217	\$0	\$4,217
SPECIFICATIONS	0	0	20	0	4	24	\$2,247	\$0	\$2,247
QC / QA	4	16	8	0	32	60	\$5,655	\$0	\$5,655
PRINTING, BIDDING & TABULATION	2	4	32	0	0	38	\$3,978	\$1,850	\$5,828
TOTALS	26	40	222	74	476	838	\$69,338	\$12,350	\$81,688

CONSTRUCTION									
CATEGORY OF SERVICE	PRINC.	SR. ENG.	PROJ. ENG.	FIELD TECH	CAD TECH	TOTAL HOURS	TOTAL PAY COST	DIRECT COST	TOTAL COST
CONSTRUCTION OBSERVATION									
1. Pre Construction	4	0	6	4	0	14	\$1,533	\$0	\$1,533
2. Observation (137 days)	12	0	1138	168	0	1318	\$125,707	\$0	\$125,707
3. Partial Estimates	0	0	16	16	0	32	\$2,687	\$0	\$2,687
4. Change Orders	4	0	16	16	0	36	\$3,351	\$0	\$3,351
5. Weekly Meetings	2	0	48	8	8	66	\$6,170	\$0	\$6,170
6. Punchlist	4	0	32	16	0	52	\$4,926	\$0	\$4,926
7. As-Built Plans	0	0	32	32	80	144	\$10,933	\$0	\$10,933
8. Final Quantities	4	0	32	32	0	68	\$6,038	\$0	\$6,038
9. Material Testing	2	0	4	0	0	6	\$726	\$15,000	\$15,726
TOTALS	32	0	1,324	292	88	1,736	\$162,069	\$15,000	\$177,069

