

**VILLAGE OF HINSDALE
ENVIRONMENT AND PUBLIC SERVICES COMMITTEE MINUTES
MONDAY, APRIL 8, 2013**

Chairman Laura LaPlaca called the meeting of the Environment and Public Services Committee to order at 7:33 P.M., Monday April 8, 2013, in Memorial Hall of the Memorial Building, 19 East Chicago Avenue, Hinsdale, IL.

PRESENT: Chairman Laura LaPlaca, Trustee Doug Geoga, Trustee William Haarlow, Trustee Bob Saigh

ABSENT: None

ALSO PRESENT: Dave Cook, Village Manager; George Franco, Director of Public Services; Tom Bueser, Deputy Director of Public Services; Mark Wodka, Deputy Chief of Police; John Finnell, Village Arborist; and Dan Deeter, Village Engineer.

Approval of Minutes – March 11, 2013

The EPS Committee reviewed the minutes from the March 11, 2013 meeting. Trustee Geoga and Chairman LaPlaca provided comments on the minutes. Trustee Saigh motioned for approval of the March 11, 2013 minutes as revised. Trustee Geoga seconded. The motion passed unanimously.

Public Services Monthly Report

Mr. Franco highlighted Public Services Department activities. These include the cost of snow removal this past winter, staff has been working to prepare the pool to open, and the parks' rest rooms will be open this Friday. Staff is planning to conduct soil injections for 400 Ash trees in Hinsdale.

Grant Funding Update. Mr. Franco noted that the Village received grants to resurface the commuter parking lot at Highland Station and an EAB reforestation grant that can be utilized to plant an additional 40 trees on parkways throughout the Village.

Resident Pricing for Elm and Ash Tree treatments. Mr. Franco and Mr. Finnell provided comments and answered questions from the committee. Tree R Us provided the lowest cost for Elm treatments while Landscape Concepts provided the lowest costs for Ash treatments. The Ash trunk injections should be conducted between mid-June through mid-July. The Ash soil injections should be conducted in April, May, or June. Residents should check with Landscape Concepts since these injections are weather dependent.

Engineering Monthly Report

Mr. Deeter updated the committee on the status of the Oak Street Bridge replacement Phase 1 and 2, the Woodlands Phase 1, and the 50/50 Sidewalk project. He also noted that the Illinois Tollway Authority will be reconstructing the ramps at the I-55/I-294 interchange.

Central Business District Parking and Alley Options (Discussion) Chairman LaPlaca introduced this agenda item and asked staff to review the guidance that they had received in the March EPS meeting. These were:

1. Staff will investigate the presence of coal cellars in/under the alley.
 - Staff identified a 11-foot x 10-foot room below the alley behind 101 S. Washington, the former Gap store. Due to the age of the room and structural supports, staff recommends the current alley owner employ a structural engineer to determine the load bearing capability of the room's ceiling. Should the Village purchase the alley, staff recommends demolishing the room and filling it with compacted aggregate. This cost is included in the updated cost estimate for the alley.
2. Staff will contact the owner, Mr. Lee Wish to determine his interest.
 - Staff contacted Mr. Lee Wish. He stated he would consider selling the alley.
3. Staff will contact the Chamber of Commerce to understand their position on these options.
 - Staff contacted the Chamber of Commerce and presented the two options. The Chamber was not receptive to the idea of demolishing their exterior stairs and losing a large portion of their building to interior stairs. The Chamber of Commerce's letter was provided to the committee.
4. Staff will coordinate with the CMAP parking task force.
 - The parking task force was in favor of any option that increases the overall parking in the central business district.
5. Staff will coordinate with Chief Bloom about potential truck loading zone locations and times.
 - Mr. Deeter and Deputy Chief Wodka commented on potential truck loading zone locations and times, and answered the committee's questions. Chairman LaPlaca noted that alternate truck loading zones would probably not be used since the trucks routinely park as close to their destination as possible.
6. This investigation will continue on a parallel path with, but not connected to, the Garfield Crossing development process.

After some discussion, the committee concluded that due to their prohibitive costs and the Chamber of Commerce's opposition, the Village would not take further action on these options. Chairman LaPlaca noted that this discussion did highlight the issue of

congestion in the Central Business District. She asked the Hinsdale Police Department to consider further administrative or enforcement methods to reduce this congestion and present these to the committee at a future date.

To Adopt an Ordinance Amending Title 9 (Building Regulations), Chapter 12 (Miscellaneous Provision), Section 2 (Limitation on Noise) of the Village Code of Hinsdale. Chairman LaPlaca introduced this agenda item. She directed staff to include in the amended ordinance that the start time would be "no earlier than 7:00 AM". After some discussion, Trustee Haarlow moved to approve the motion as amended. Trustee Saigh seconded. The motion passed unanimously.

To Award the 2013 Resurfacing Program to Gerardi Sewer and Water Company in the Amount Not To Exceed \$1,889,739.50. Chairman LaPlaca introduced this agenda item. Mr. Deeter provided additional information and addressed the committee's questions. Trustee Geoga moved to approve. Trustee Haarlow seconded. The motion passed unanimously.

To Award the 2013 Reconstruction Program to Chicagoland Paving Contractors, Inc. in the Amount Not To Exceed \$2,799,900.00. Chairman LaPlaca introduced this agenda item. She noted that Chicagoland Paving had not done work for the Village in the past. Mr. Deeter stated that staff had requested and received Chicagoland Paving's statement of qualifications. These include their affidavit of availability and references. Our engineering consultant, Rempe-Sharpe, reviewed the statement of qualifications and called all references. All the municipalities provided good comments about Chicagoland Paving. Rempe-Sharpe has also worked with Chicagoland Paving and did not have any significant problems with the company. Thus, staff could find no reason to state that Chicagoland Paving was not qualified to accomplish the project. Additionally, two other bidders were within 10% of the Chicagoland Paving bid. The second lowest bidder, John Neri Construction, has satisfactorily completed the 2012 Reconstruction project on N. Washington/N. Grant. This gives staff some level of confidence that the Chicagoland Paving bid is not unrealistically low. Therefore, staff is recommending Chicagoland Paving as the lowest, qualified bidder.

Mr. Deeter noted that the portions of Sixth Street north of Robbins Park have unstable sub-grade conditions. To address this situation, the Village will repair damaged portions of the concrete road with new concrete rather than replace the entire road. While the current design has tried to account for the poor soil conditions, there is the potential for unanticipated additional work, such as additional undercutting. If this occurs, staff will request a change order from the Village Manager and Board of Trustees.

Trustee Geoga asked about the low cost of Chicagoland Paving's bid versus the budgeted project cost. Mr. Deeter noted areas where staff and our consultants were able to find cost savings. These include the reduced scope on Sixth Street mentioned above and that

Fifth Street has been resurfaced in 2010 when additional funds became available. Trustee Geoga noted that this was a good example why, after four years of implementing the Master Infrastructure Plan (MIP), the Village should review and update the MIP. Trustee Geoga moved to approve. Trustee Saigh seconded. The motion passed unanimously.

To Approve a Resolution for the one year extension of street sweeping Contract#1470 Change Order Number 1 in the amount not to exceed budgeted amount of \$36,000 to Dejana Industries, Inc. Chairman LaPlaca introduced this agenda item. Mr. Franco provided additional information. In response to Trustee Haarlow's questions, Mr. Franco clarified that the Village generally employs the street sweeper on an as-needed basis. This results in all Village streets being swept twice per year at a minimum. Trustee Saigh moved to approve. Trustee Haarlow seconded. The motion passed unanimously.

To Approve the award of bid #1536 for the service of Elm Tree Inoculations to Trees R Us not to exceed the budgeted amount of \$140,000.00. Chairman LaPlaca introduced this agenda item. Mr. Franco provided additional information. The committee felt the request for board action was confusing because the Village had budgeted \$140,000 for Elm and Ash tree preservation maintenance; but, the bids were for Elm Tree Fungicide only. Committee directed Mr. Franco to revise the request for board action and present it to the Board of Trustees at their next meeting.

To Approve the award of bid #1537 for the service of Tree Pruning to Trees R Us not to exceed the budgeted amount of \$50,000.00. Chairman LaPlaca introduced this agenda item. Mr. Geoga commented that the trees to be pruned would be in the southwest portion of town and north of Ogden Avenue. Trustee Saigh moved to approve. Trustee Haarlow seconded. The motion passed unanimously.

To Approve the award of bid #1538 for the service of fuel delivery, to Warren Oil Company with the fuel delivery bid comparison quantity of \$13,906.00 plus the cost of gasoline and diesel per the Oil Price Information Services Index. Chairman LaPlaca introduced this agenda item. Mr. Franco provided additional information. Trustee Geoga moved to approve. Trustee Saigh seconded. The motion passed unanimously.

To Approve the award of bid #1544 for custodial services year 1 to Crystal Maintenance Corp. in the amount of \$45,180.00. Chairman LaPlaca introduced this agenda item. Mr. Franco provided additional information. Trustee Saigh moved to approve. Trustee Haarlow seconded. The motion passed unanimously.

DRAFT

Adjournment

With no further issues to be brought before the Committee, Trustee Geoga moved to adjourn. Trustee Saigh seconded. Motion carried and the meeting was adjourned at 8:25 P.M.

Respectfully submitted,

Dan Deeter
Village Engineer

MEMORANDUM

TO: CHAIRMAN LA PLACA AND THE EPS COMMITTEE
FROM: GEORGE FRANCO
SUBJECT: PUBLIC SERVICES MONTHLY REPORT-APRIL 2013
Date: 5/3/13

The Public Services Department has been preparing for the arrival of the summer season. Parkway restoration has been completed throughout town with crews placing black dirt and seed to areas of winter plow damage and water main breaks. Permanent asphalt and concrete repairs from water main breaks during the winter are scheduled to be completed during May, with crews then focusing on the grinding and patching list. The Community Swimming Pool has been cleaned and tile repairs completed, with an anticipated fill date of the week of May 6th. Crews will then focus on running filters, chemicals, and heaters to ensure all components are functioning properly before the opening of the pool. Public Service crews have continued with weekly maintenance of the Village's 39 athletic fields for soccer, lacrosse, and baseball events. The Public Services department has been involved in other projects, which include:

- Response to flooded areas of town due the rain storm on April 17 & 18th. These crews logged approximately 101 regular hours and 36 overtime hours to assist in alleviating flooded areas and roadways. Public Services also assisted in the evacuation of Graue Mill residents due to flooding in the complex logging approximately 22 regular hours and 3 overtime hours.
- The clean-up of Road D, water removal and carpet cleaning in the lower level of Village Hall, street sweeping of flooded roadways to remove debris, and grading of alleys after the rain storms.
- The preparation and assistance with the following functions: the Wellness House walk and the Autism walk.

- The soil injection treatment of 379 Ash trees to control Emerald Ash Borer.
- Village staff participated in Arbor Day celebrations at Madison School, St. Isaac Jogues, and Oak School. A "Triumph" elm tree was planted at Madison School and American Lindens were planted at St. Isaac Jogues and Oak School. At both schools, the Village Forester spoke about the benefit of trees in the community and tree care.
- Banners were placed in the Central Business District for various upcoming functions within the Village.
- Village staff has coordinated weekend refuse removal from parklands.
- Staff reviewed and commented on eight tree preservation plans submitted for building/demolition permits.
- A new water meter and piping was completed at the KLM paddle tennis building to accommodate the irrigation system which will be installed on the athletic field north of the building.
- Completed the servicing of all fire extinguishers in Village owned buildings and vehicles.
- Completed electrical upgrades at KLM lodge building which included re wiring of electrical outlets and wall switches in the dining room, replacement of emergency lighting fixtures, and installation of new light fixtures in the storage room.
- The Public Services crew members attended on site training seminars provided by IRMA on the subjects of work zone safety and slips, trips, and falls. Three crew members also attended an IRMA off site training which focused on trenching and shoring safety practices.
- The removal of 74 tree stumps in parkways throughout the Village which were backfilled with dirt and seeded.

Cc: Dave Cook, President Cauley, and Board of Trustees

PUBLIC SERVICE MONTHLY REPORT FOR APRIL 2013.00

ROADWAY

49.00 SIGNS
2.00 POSTS
2.00 SIGNS REPAIRED
4.50 TONS OF COLD MIX USED FOR POTHOLE
0.00 TONS OF HOT MIX
6.00 TONS OF GRAVEL FOR ALLEYS
0.00 WHITE PAINT
0.00 YELLOW PAINT
152.00 MAN HOURS BASIN TOP CLEANING
27.00 MAN HOURS ALLEY GRADING
0.00 MAN HOURS ALLEY TRIMMING
0.00 YARD OF CONCRETE

SNOW / ICE

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

TREE MAINT

4.00 TREES TRIMMED BY VILLAGE STAFF
16.00 TREES REMOVED BY VILLAGE STAFF
0.00 ELM TREES DETECTED BY STAFF Pub. Private
0.00 ELM TREES REMOVED BY STAFF
0.00 ELM TREES THAT HAVE HAD AMPUTATED LIMBS
74.00 TREE STUMPS REMOVED BY STAFF
3.00 TREES PLANTED
610.00 TREES TRIMMED BY CONTRACTOR
7.00 NON ELMS REMOVED BY CONTRACTOR
0.00 ELMS REMOVED BY CONTRACTOR
6.00 ASH TREES REMOVED DUE TO EAB 79 since Feb. 2011

EQUIP MAINT

11.00 SCHEDULED MAINT
26.00 UNSCHEDULED REPAIRS

WATER OPERATIONS

55482.00 GALLONS OF WATER PUMPED TO DISTRIBUTION SYSTEM
60408.00 PUMPED IN APRIL 2012
4625.00 FEET OF SEWER LINES CLEANED
13.00 SEWER BACKUP INVESTIGATIONS
2.00 BASINS REPAIRED
0.00 BASINS REBUILT
0.00 BASINS CLEAN FROM DEBRIS INSIDE
140.00 METER READINGS
6.00 WATER METERS REPAIRED
10.00 WATER METERS INSTALLED

0.00 HYDRANTS REPAIRED
0.00 HYDRANTS FLUSHED
0.00 WATER MAINS REPAIRED
0.00 SEWER SERVICE LOCATED
446.00 J U L I E LOCATE REQUEST
5.00 WATER CONNECT OR DISCONNECT INSPECTIONS
0.00 VALVES EXERCISED
0.00 VALVES REPAIRED
8.00 WATER METERS REMOVED
0.00 SEWER CONNECT INSPECTIONS
0.00 FOUNTAINS SERVICED

PARKS MAINTENANCE

In April parks maintenance crews prepared and opened park facilities for the spring season. These duties include returning garbage receptacles to all park facilities, opening pavilions at KLM and opening all bathroom shelters. Crews finished laying out soccer and lacrosse fields and continue to stripe the lines weekly. Crews also prepped the baseball diamonds at Veeck and Robbins Park and continue to drag the infields biweekly. A new water meter was installed at KLM paddle tennis to accommodate the new irrigation system. Continuing maintenance included cleaning bathrooms, picking up debris from grounds and emptying garbage receptacles.

BUILDING MAINTENANCE

Building maintenance crews have been monitoring and servicing heating and air systems in all Village owned buildings, making repairs as needed. Service calls for April include: KLM lodge window repair in the ballroom, installation of roll towel and hand soap dispensers, and coordination to have the kitchen exhaust unit replaced. Light fixture repairs were completed at the KLM Annex and Lodge, Pierce Park building along Walnut St., and the Veeck Park building.

VILLAGE OF HINSDALE - IL 0434520

MONTHLY REPORT

Month: April, 2013

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	1896	0.98	0.02	1.07	39	41	0.00
2	1965	1.00	0.02	1.09	39	40	0.00
3	1960	0.98	0.03	1.08	39	42	0.00
4	1929	0.97	0.02	1.13	40	40	0.00
5	1875	0.99	0.02	1.12	40	42	0.00
6	1794	0.98	0.01	1.15	40	42	0.00
7	1714				40		0.00
8	1922	0.96	0.02	1.07	41	40	0.00
9	1841	0.97	0.02	1.05	41	41	0.00
10	1807	0.99	0.02	1.07	41	43	0.00
11	1854	0.97	0.03	1.19	41	42	0.00
12	1832	0.96	0.03	1.14	42	41	0.00
13	1739	1.00	0.03	1.15	42	37	0.00
14	1755				42		0.00
15	1894	0.95	0.03	1.09	42	55	0.00
16	1798	0.96	0.03	1.10	43	47	0.00
17	1842	0.95	0.03	1.09	43	49	0.00
18	1832	0.99	0.02	1.09	44	60	0.00
19	1694	0.97	0.03	1.08	44	43	4.00
20	1767	1.01	0.04	1.09	44	33	0.00
21	1725				44		0.00
22	1962	0.96	0.03	1.07	44	50	0.00
23	1859	0.97	0.03	1.08	44	47	0.00
24	1843	0.96	0.03	1.07	45	50	0.00
25	1869	0.97	0.03	1.08	45	51	0.00
26	1896	0.98	0.02	1.06	45	55	0.00
27	1828	0.96	0.02	1.08	45	65	0.00
28	1771				46		0.00
29	1974	0.97	0.02	1.06	46	70	0.00
30	2045	0.96	0.03	1.05	47	75	0.00

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:	55482						4.00
Avg:	1849	0.97	0.03	1.09	43	48	0.13
Max:	2045	1.01	0.04	1.19	47	75	4.00
Min:	1694	0.95	0.01	1.05	39	33	0.00

Reported By: Mark Pelkowski

VILLAGE OF HINSDALE, PLANT REPORT

Month: April, 2013

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)					
1	1896	0	1896	1.00	0.98	1.07	39	41	0.00
2	1965	0	1965	1.02	1.00	1.09	39	40	0.00
3	1960	0	1960	1.09	0.98	1.08	39	42	0.00
4	1929	0	1929	1.07	0.97	1.13	40	40	0.00
5	1875	0	1875	0.95	0.99	1.12	40	42	0.00
6	1794	0	1794	0.94	0.98	1.15	40	42	0.00
7	1714	0	1714	0.97			40		0.00
8	1922	0	1922	0.95	0.96	1.07	41	40	0.00
9	1841	0	1841	1.00	0.97	1.05	41	41	0.00
10	1807	0	1807	1.04	0.99	1.07	41	43	0.00
11	1854	0	1854	0.98	0.97	1.19	41	42	0.00
12	1832	0	1832	0.90	0.96	1.14	42	41	0.00
13	1739	0	1739	0.92	1.00	1.15	42	37	0.00
14	1755	0	1755	0.88			42		0.00
15	1894	0	1894	0.84	0.95	1.09	42	55	0.00
16	1798	0	1798	0.88	0.96	1.10	43	47	0.00
17	1842	0	1842	0.92	0.95	1.09	43	49	0.00
18	1832	0	1832	0.95	0.99	1.09	44	60	0.00
19	1694	0	1694	0.94	0.97	1.08	44	43	4.00
20	1767	0	1767	1.02	1.01	1.09	44	33	0.00
21	1725	0	1725	1.01			44		0.00
22	1962	0	1962	0.99	0.96	1.07	44	50	0.00
23	1859	0	1859	0.98	0.97	1.08	44	47	0.00
24	1843	0	1843	0.95	0.96	1.07	45	50	0.00
25	1869	0	1869	0.99	0.97	1.08	45	51	0.00
26	1896	0	1896	1.02	0.98	1.06	45	55	0.00
27	1828	0	1828	1.00	0.96	1.08	45	65	0.00
28	1771	0	1771	0.99			46		0.00
29	1974	0	1974	1.03	0.97	1.06	46	70	0.00
30	2045	0	2045	1.02	0.96	1.05	47	75	0.00
Sum:	55482	0	55482						4.00
Avg:	1849	0	1849	0.97	0.97	1.09	43	48	0.13
Max:	2045	0	2045	1.09	1.01	1.19	47	75	4.00
Min:	1694	0	1694	0.84	0.95	1.05	39	33	0.00

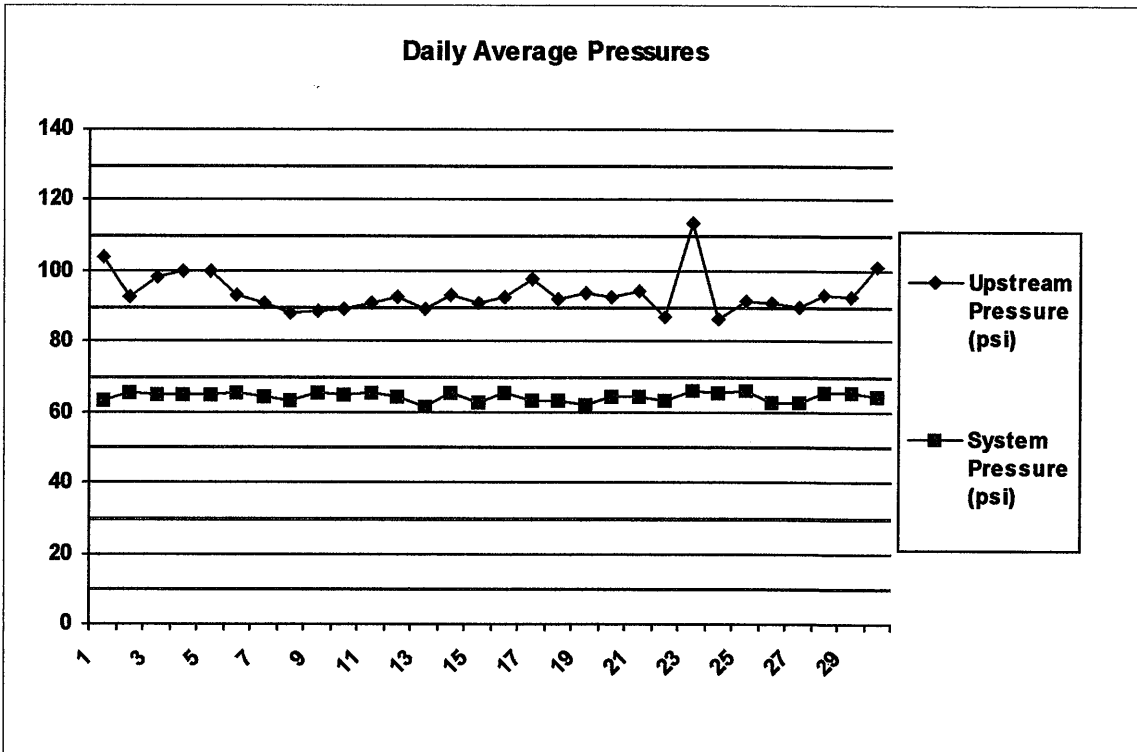
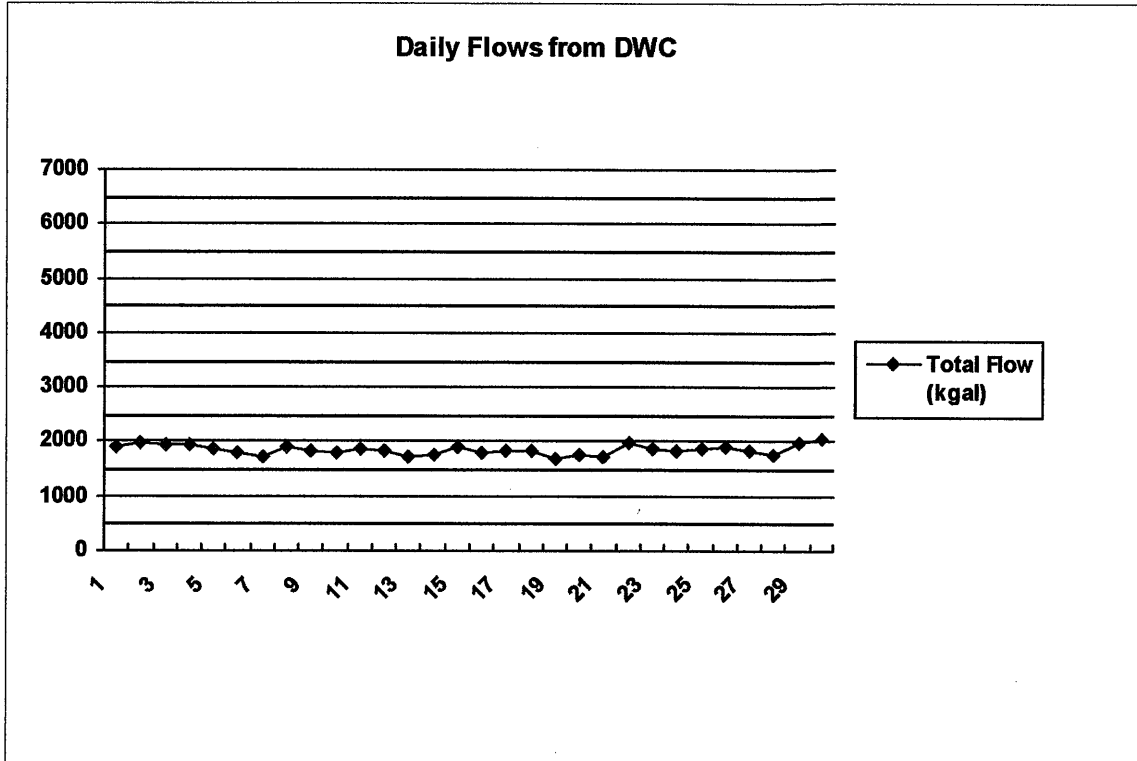
VILLAGE OF HINSDALE, PLANT REPORT

Month: April, 2013

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	1896	90.9	7.9	15.7	92.8	63.7	0.0	0.0	5.2
2	1965	91.2	7.8	15.6	93.5	63.9	0.0	0.0	4.6
3	1960	91.3	7.9	15.7	94.8	63.9	0.0	0.0	4.3
4	1929	91.4	7.9	15.7	94.1	64.0	0.0	0.0	4.6
5	1875	91.3	8.0	15.8	93.7	63.9	0.0	0.0	4.2
6	1794	91.3	8.0	15.9	94.3	63.8	0.0	0.0	4.4
7	1714	91.2	8.0	15.9	93.8	63.8	0.0	0.0	4.3
8	1922	91.6	7.9	15.8	93.4	64.0	0.0	0.0	4.3
9	1841	91.1	8.0	15.9	94.7	63.7	0.0	0.0	4.2
10	1807	91.0	8.0	15.8	94.2	63.6	0.0	0.0	4.5
11	1854	91.0	7.9	15.7	94.7	63.7	0.0	0.0	4.5
12	1832	91.6	7.9	15.8	94.4	63.9	0.0	0.0	4.7
13	1739	91.4	7.8	15.9	93.5	63.9	0.0	0.0	4.7
14	1755	91.2	7.7	15.7	94.7	63.8	0.0	0.0	4.7
15	1894	91.3	7.8	15.8	93.7	63.8	0.0	0.0	4.5
16	1798	91.1	7.7	16.0	94.6	63.8	0.0	0.0	4.8
17	1842	91.3	7.6	15.7	92.9	63.9	0.0	0.0	4.1
18	1832	91.6	8.1	16.0	94.4	63.9	0.0	0.0	2.8
19	1694	91.8	8.0	16.0	93.9	64.0	0.0	0.0	4.1
20	1767	91.6	7.9	15.8	94.0	63.9	0.0	0.0	5.1
21	1725	91.1	7.9	15.8	93.5	63.7	0.0	0.0	4.6
22	1962	91.7	7.7	15.6	94.2	64.2	0.0	0.0	4.9
23	1859	90.7	8.0	16.0	96.1	63.6	0.0	0.0	3.8
24	1843	91.5	8.0	15.9	94.2	64.0	0.0	0.0	4.0
25	1869	91.3	7.9	15.8	94.5	63.9	0.0	0.0	4.4
26	1896	91.4	7.8	15.8	94.5	63.9	0.0	0.0	4.8
27	1828	91.2	7.8	15.7	94.5	64.0	0.0	0.0	6.1
28	1771	91.0	7.9	15.9	94.3	63.7	0.0	0.0	4.8
29	1974	91.0	7.8	15.8	95.2	63.8	0.0	0.0	4.5
30	2045	90.7	7.9	15.9	92.8	63.7	0.0	0.0	4.1
Sum:							0.0	0.0	134.6
Avg:							0.0	0.0	4.5
Max:							0.0	0.0	6.1
Min:							0.0	0.0	2.8

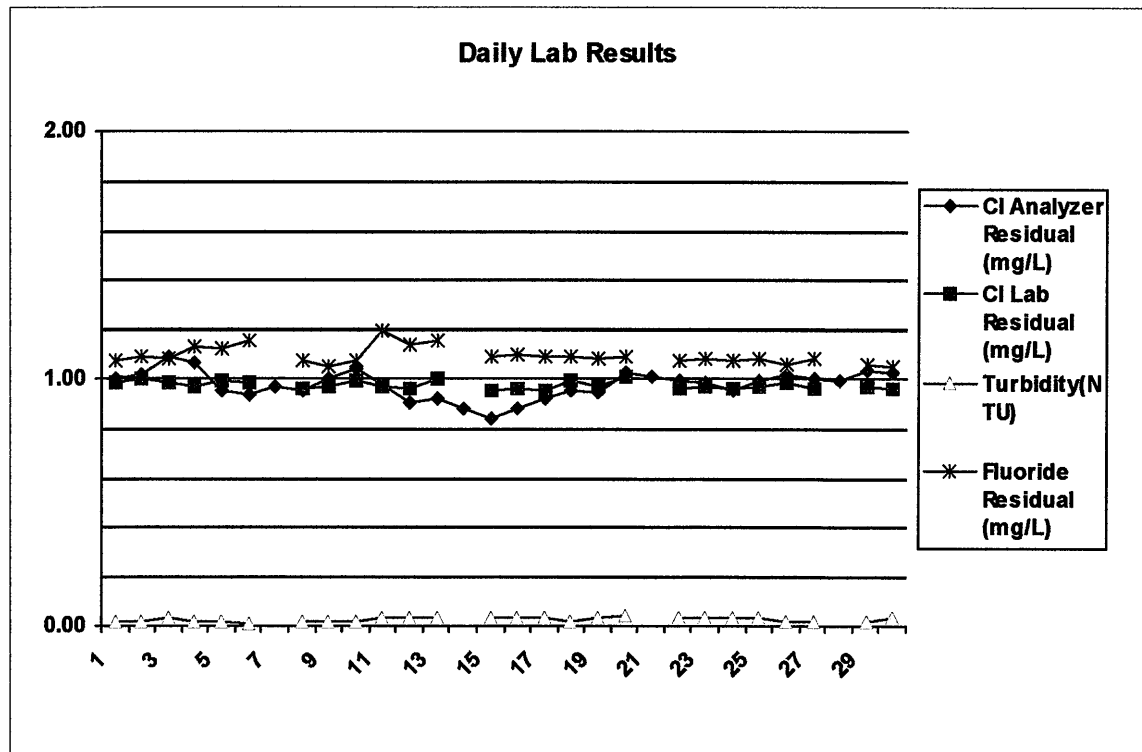
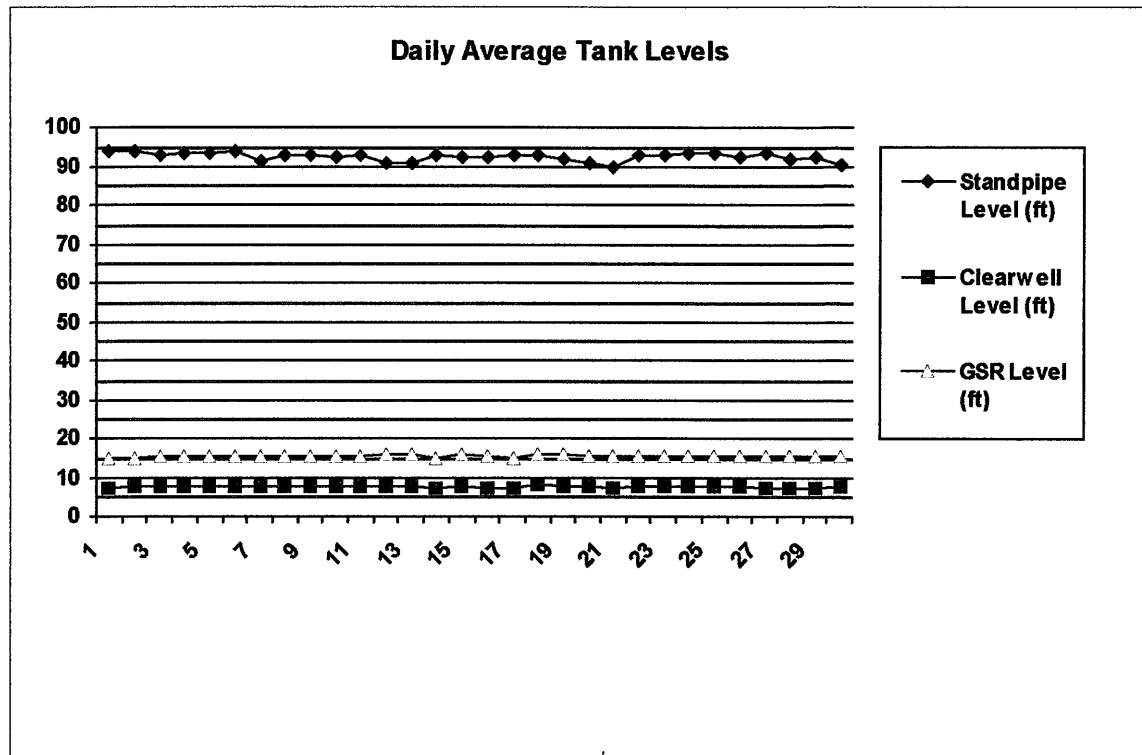
VILLAGE OF HINSDALE, SYSTEM TRENDS

Month: April, 2013



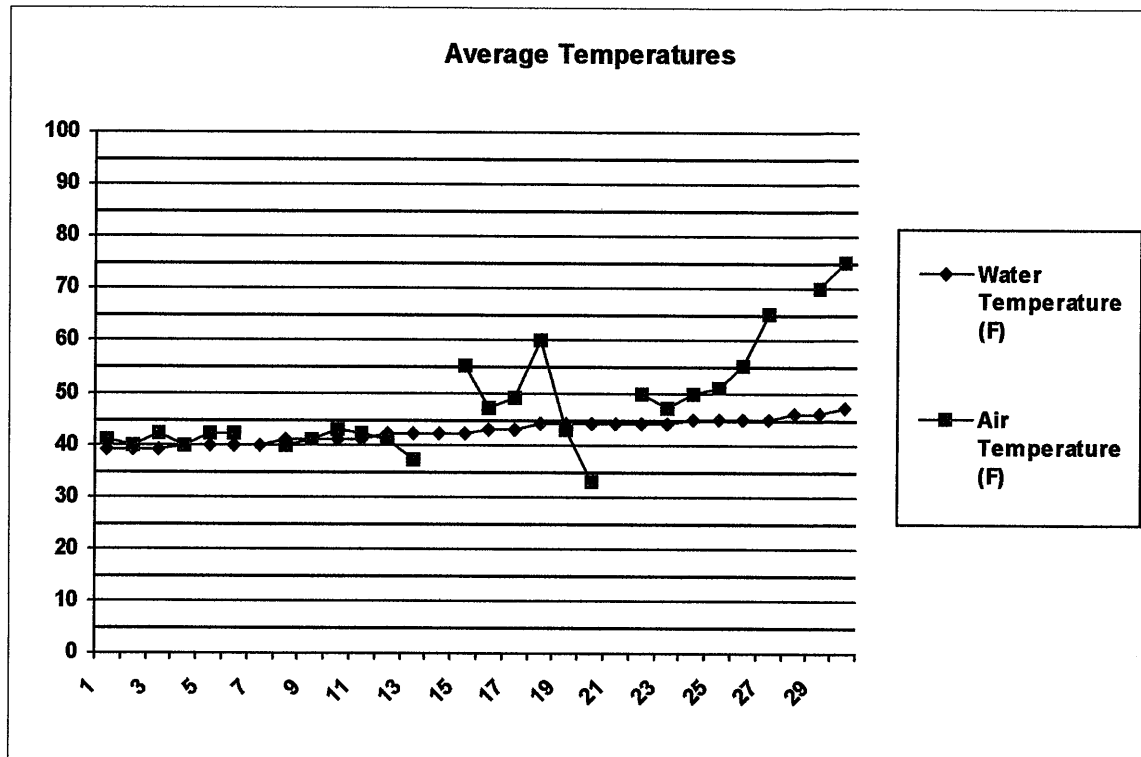
VILLAGE OF HINSDALE, SYSTEM TRENDS

Month: April, 2013



VILLAGE OF HINSDALE, SYSTEM TRENDS

Month: April, 2013



High Service and Well Pump Maintenance

April 2013

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- Pulled for inspection and repairs.

Well #8 Pump Motor- Check oil, grease fittings, and run for Bacteria Samples.

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

MONTHLY REPORT FOR April, 2013

# of Bacteria samples	<u>25</u>
# of field chlorine	<u>22</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>1</u>
# of temperature readings(air)	<u>26</u>
# of temperature readings(water)	<u>30</u>
# of DBP samples	<u>16</u>
# of Pumps serviced	<u>7</u>
# of Sprinkling Violations	<u>0</u>
# of Special Well Samples	<u>0</u>

MEMORANDUM

TO: CHAIRMAN LA PLACA AND THE EPS COMMITTEE
FROM: GEORGE FRANCO
SUBJECT: WATER RESTRICTIONS
DATE: 5/3/13

Public Services staff would like to advise Committee that lawn sprinkling restrictions will go into effect from May 15 through September 15. Under these restrictions lawn sprinkling will be permitted between the hours of 6am and 10am and the hours of 6pm and 10pm on the corresponding days:

- Even numbered street address—Even numbered calendar days.
- Odd numbered streets address—Odd number calendar days.
- No sprinkling shall be permitted on May 31st, July 31st, and August 31st.

Cc: Dave Cook, President Cauley, and Board of Trustees

MEMORANDUM

TO: CHAIRMAN LA PLACA AND THE EPS COMMITTEE
FROM: GEORGE FRANCO
SUBJECT: 2013 PUBLIC SERVICES ROADWAY GRINDING AND
PATCHING PROJECT

Date: 5/6/13

The Public Service Department has identified areas throughout the Village in which the roadway grinding and patching crews will be able to grind and remove deteriorating roads and patch with asphalt. This project helps improve roadway conditions and leave a more permanent patch as opposed to a temporary cold-patch. Public Services staff has listed below the locations targeted for roadway grinding and patching. Staff welcomes any additions or deletions from the attached list as well as any questions or comments.

Roadway Grinding & Patching Locations

1. Grant St. between 57th and 59th Streets.
2. Oak St. between Walnut and Hickory Streets.
3. Hickory St. between Vine and Elm Streets.
4. North St. between Vine and Madison Streets.
5. Woodside Ave. Columbia to dead end.
6. Rosalie Court.
7. Garfield St. south of 8th St.
8. Jackson St. between Hinsdale Ave. and 8th Street.

9. Walnut St. between Monroe and Bruner Streets.
10. Chestnut St. between Lincoln and Vine Streets.
11. Jefferson St. from Minneola Street to the cul de sac.
12. Canterbury Court off Madison Street.
13. Briargate Terrace off Madison Street.
14. Orchard Place.
15. Chicago Avenue from Rte. 83 to Stough Street.
16. Garfield St. between Hinsdale Avenue and 1st Street.
17. Washington St. between 2nd and 3rd Streets.
18. 6th St. between Dalewood Lane and Princeton Road.
19. Elm St. between Chicago Avenue and 6th Street.
20. Oak Street between Chicago Avenue and Woodside Avenue.
21. Hickory St. between Monroe and Adams Streets.

Cc: Dave Cook, 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 544 WEST 7TH STREET
DATE: MAY 6, 2013

Mr. Thomas and Mrs. Denise Mitchell have a home at 544 W. 7th Street. They have requested permission to remove two trees located in the parkway on 7th Street.

The west tree is a Douglas fir that has an 11.0" diameter at 4.5' above grade. The estimated height of the tree is 40' and the estimated canopy width is 20'. The tree's condition is good. There are no significant visible structural defects in the trunk, or scaffold branches. The tree has a balanced habit but is poorly spaced with the parkway tree to the west.

The east tree is also a Douglas fir that has a 12.0" diameter at 4.5' above grade. The tree has an estimated height of 40 feet and an estimated canopy width of 15 feet. The tree's condition is fair. There are no significant visible structural defects in the trunk, or scaffold branches. The tree has an unbalanced habit, due to its close proximity to a parkway fir planted east and the honeylocust planted to the west of the tree.

Staff has not permitted the removal of these trees as requested. Mr. and Mrs. Mitchell 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.

May 1, 2013

Dear Hinsdale Village Board Committee,

Our family is petitioning the Village to remove two evergreens located in the Village Parkway in front of our home at 544 W 7th St, Hinsdale, IL 60521, which we purchased in October, 2012.

Currently there are 3 large trees in the Village parkway. All trees are planted in close proximity of one another. The trees located in front of the property, from east to west, include the following:

- 1) Evergreen #1
- 2) Evergreen #2
- 3) Honey Locust

We are requesting the Village's permission to remove the two evergreens. Mr. John Finnell, the Village Forester, confirmed that the trees are not properly spaced and were planted too close together. As a result, the front yard and parkway has an appearance of being cluttered and unkempt.

The spacing does not allow for framing and better visibility of the more desirable Honey Locust tree, which is really beautiful. The evergreens have thinned out considerably about 10 to 15 feet off the ground, and therefore look quite sickly.

We would like the board to know that we attempted to clean-up the trees and this general area. Attached are pictures dated from dated September 2012 showing what the property looked like late last Summer. Additionally, pictures are attached showing post-cleanup.

Despite these efforts, we have not been successful in getting the yard and parkway to a point where we feel it is "well-manicured" and looks consistent with other properties in the neighborhood.

We believe that removing of the evergreen trees would allow us to promote visibility of the Honey Locust, while removing two trees which are eyesores. Additionally, it will provide a more cleaned up feel of this part of the block.

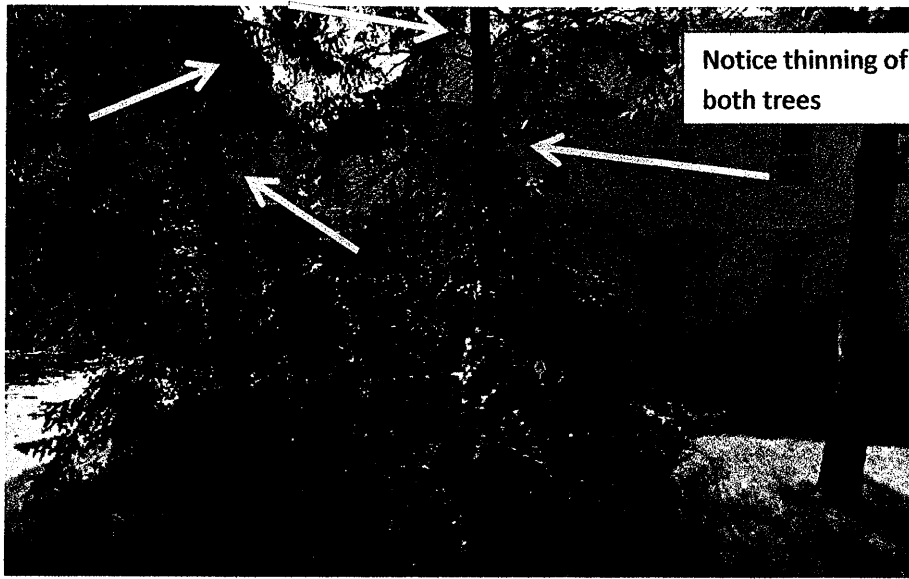
We would be willing to pay for the removal of these trees, should the Village provide us permission.

Sincerely,

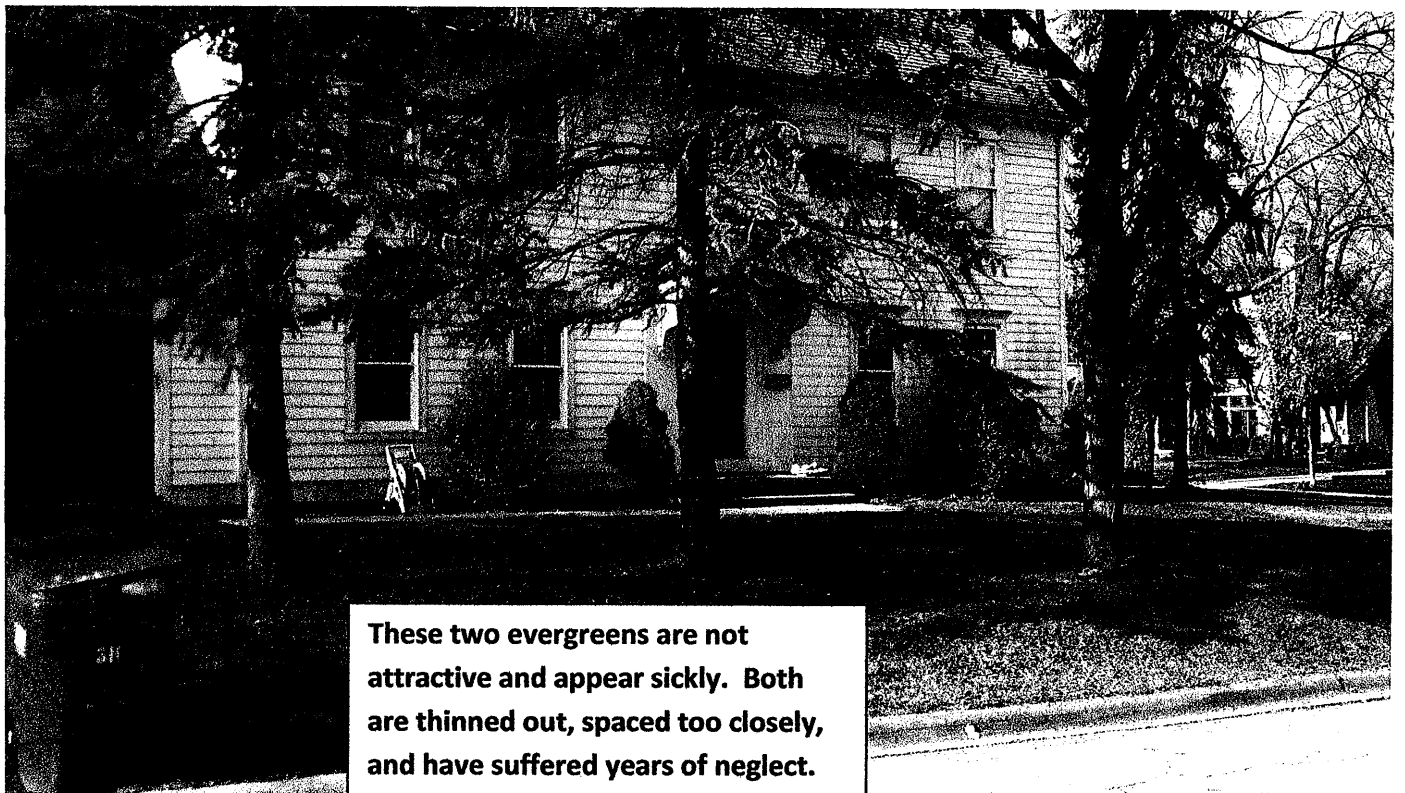
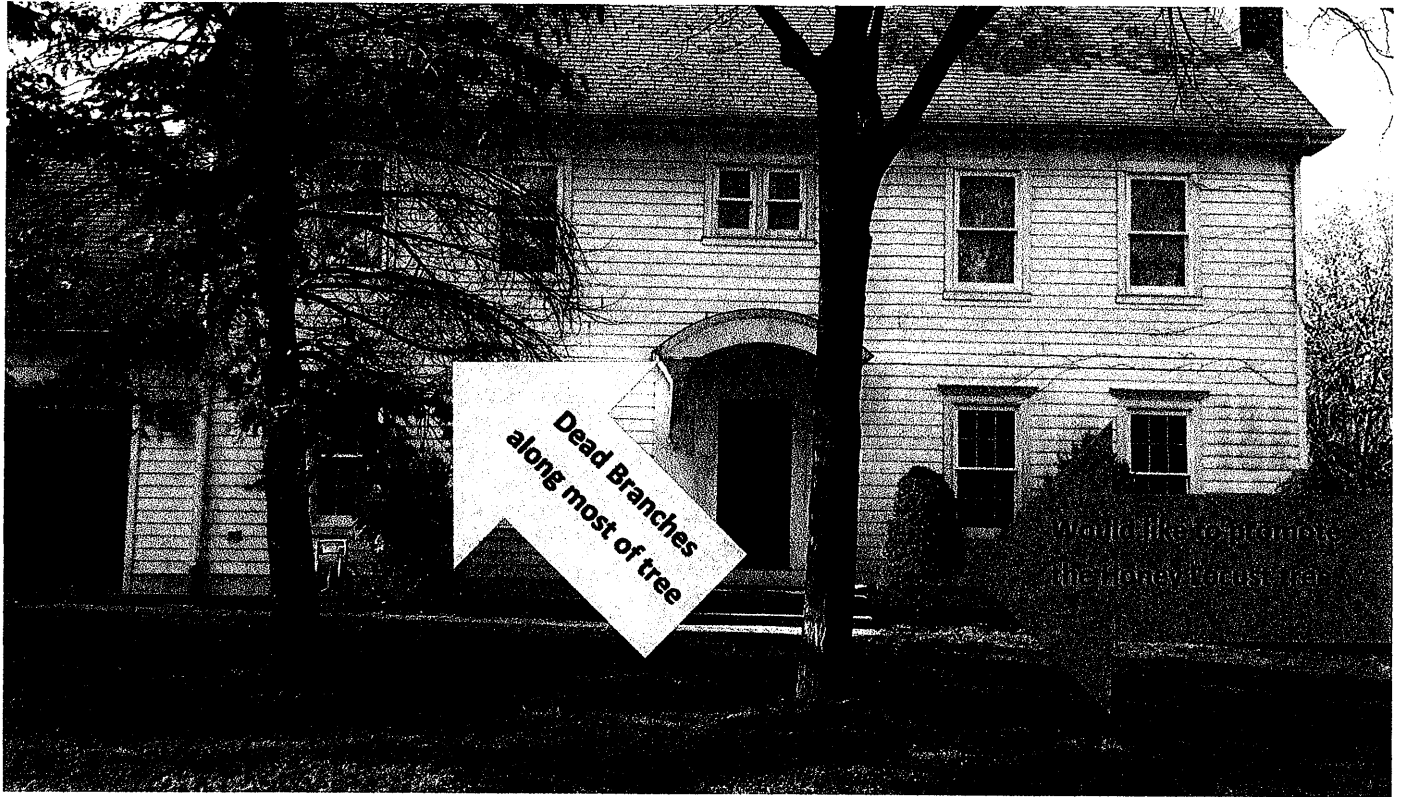


Thomas & Denise Mitchell
544 W 7th St
Hinsdale, IL 60521
(630) 581-5118

SEPTEMBER, 2012



APRIL 2013



IMPORTANT NOTICE REGARDING WORK AROUND OR NEAR PUBLIC TREES

During the October 16, 2012 Board of Trustees meeting, the Village of Hinsdale approved an amendment of Title 7 Chapter 2 of the Municipal Code that requires the protection of public trees. These revisions were developed by the Village's Environment and Public Services Committee which functions as the Tree Board.

HISTORY: The Village of Hinsdale is concerned with numerous requests to remove public trees as well as damage to public trees during the building and/or construction maintenance throughout the village. The Environment and Public Services Committee has received numerous requests for trees to be removed after plans and permits were completed, and noted that most requests were for the installation of a driveway after the original building plans received building permits. This type of oversight during the construction process became very trying on residents and the Committee. The intent for the amendment to the code is for residents, architects, builders, and construction companies, to access a project's impact on the Village's right-of-way trees and root zones and to design around such obstacles to minimize impact and protect the vitality of public trees.

EFFECTIVE 10/16/12: The Village of Hinsdale recognizes the value of public trees which contribute to the Village's unique character and enhance property values within the Village. The amended code provides incentives to residents to preserve public trees and to supply proactive protection for these trees in order to avoid accidental construction damage. Highlights of the amended code include:

1. \$5,000.00 fee paid to the Village for any permit issued to remove or cut down any tree in any public street or parkway.
2. \$10,000.00 fee paid to the Village if the owner of any property for which a building permit has been issued applies for a permit hereunder (to remove a tree) after the issuance of the building permit.
3. \$25,000.00 fee paid to the Village for any person who removes or cuts down any tree in any public street or parkway or other public place without a permit or causes the death of a tree in any public street or parkway or any public place by negligence, or failure to adequately protect said tree during construction on the person's property.

Attached is amended code which should be read and understood before the permitting process.

MEMORANDUM

TO: CHAIRMAN LAPLACA AND THE EPS COMMITTEE
FROM: GEORGE FRANCO, DIRECTOR OF PUBLIC SERVICES
SUBJECT: PROPOSED PARKWAY TREE REMOVALS AT 437 S. STOUGH STREET
DATE: MAY 6, 2013

Mr. Kevin Curtis is building a new home at 437 S. Stough St. They have requested permission to remove two trees located in the parkway.

The north tree is a Colorado spruce that has a 11.0" diameter at 4.5' above grade. The estimated height of the tree is 35' and the estimated canopy width is 20'. The tree's condition is fair. 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 south tree is also a Colorado spruce that has a 6.0" diameter at 4.5' above grade. The tree has an estimated height of 20 feet and an estimated canopy width of 10 feet. The tree's condition is poor. . There are no significant visible structural defects in the trunk, or scaffold branches. The tree has a unbalanced habit, due to its close proximity to a parkway Norway maple planted south of the tree.

Staff has not permitted the removal of these trees as requested. Mr. Curtis is 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.

George Franco

From: Kevin C. <curtisskevin@aol.com>
Sent: Monday, March 25, 2013 8:37 AM
To: George Franco
Subject: Parkway Trees

George,

I would like to remove 2 pine trees in the parkway located at 437 S. Stough Street. The reason I would like to remove the trees are that the South tree is too close my neighbor's tree and there is not enough space for it to grow and the overall health of the trees are poor.

Thank you,

Kevin Curtiss
Owner
630-310-0930
Curtisskevin@aol.com

Notes

Merge

MEMORANDUM

TO: CHAIRMAN LAPLACA AND THE EPS COMMITTEE
FROM: GEORGE FRANCO, DIRECTOR OF PUBLIC SERVICES
SUBJECT: PROPOSED PARKWAY TREE RELOCATION AT 404 S. LINCOLN
DATE: MAY 7, 2013

Mr. Dante and Mrs. Patty DeWitt have a home at 404 S Lincoln Street. They have requested permission to relocate a tree located in the parkway on 4th Street.

The tree is a honeylocust that has a 10.0" diameter at 4.5' above grade. The estimated height of the tree is 40' and the estimated canopy width is 25'. The tree's condition is good. There are no significant visible structural defects in the trunk, or scaffold branches. The tree has a balanced habit and is spaced well within the parkway. There is sufficient room to move the tree west as described in the attached letter from the DeWitts. However, underground utilities located in the parkway and the large size of the tree may be significant obstacles in the proposed relocation.

Staff is requesting direction from the Committee in responding to this request.

Dante & Patty DeWitt

404 S LINCLON STREET * HINSDALE, ILLINOIS * 60521

May 1, 2013

**Village of Hinsdale
Building Department**

**RE: 404 South Lincoln
Hinsdale IL 06521**

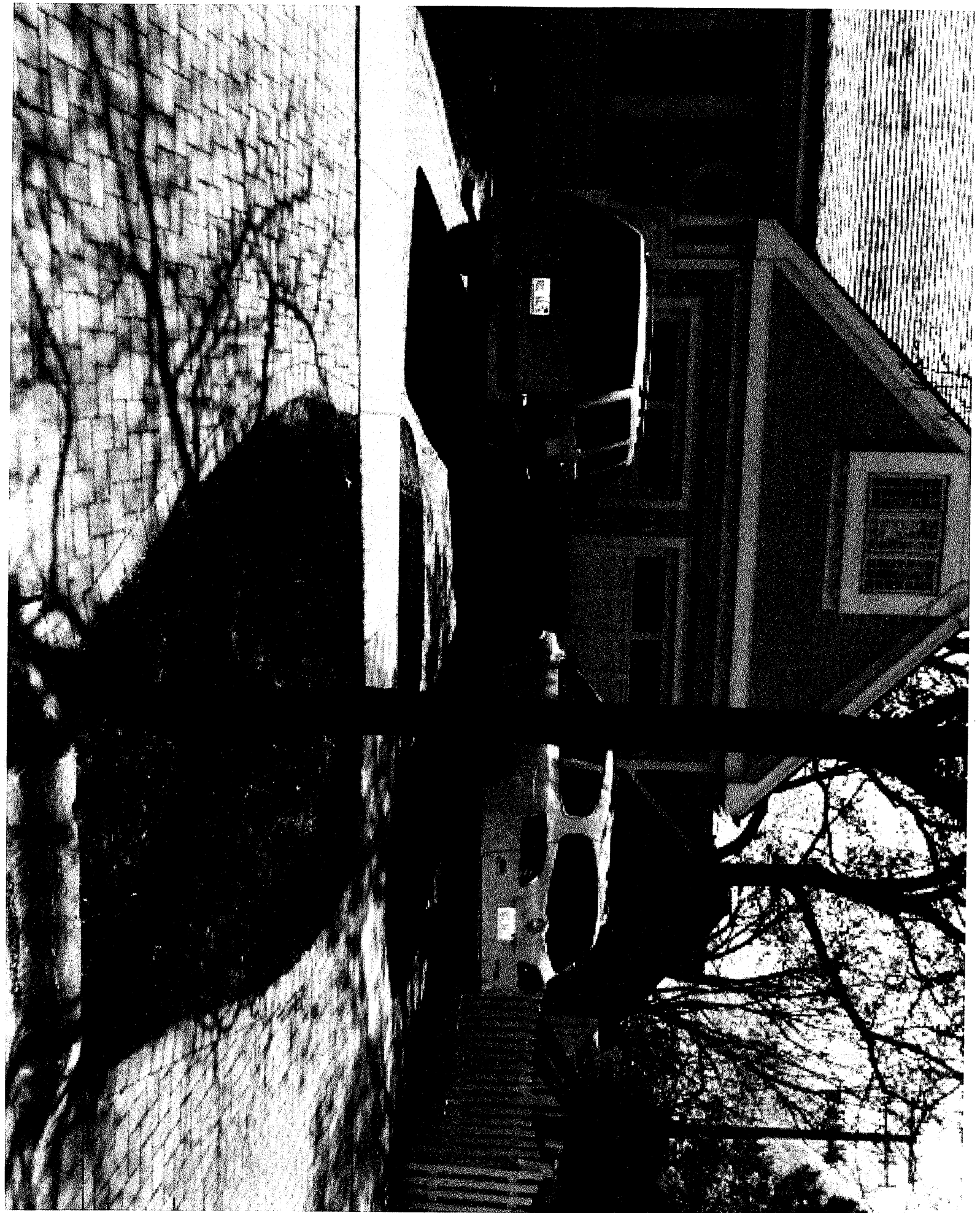
To Whom It May Concern:

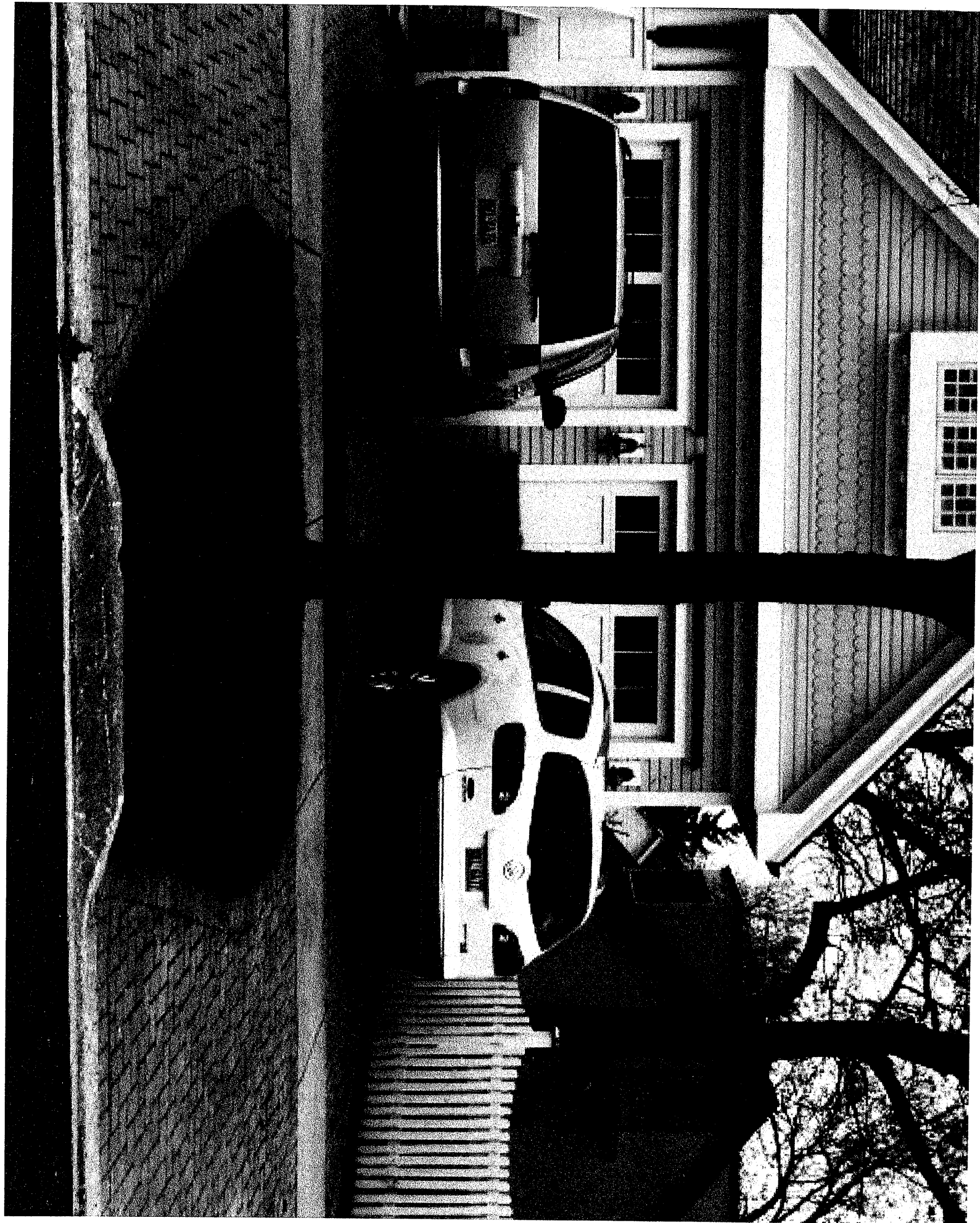
We are requesting permission to relocate the parkway tree that is located in the middle of our driveway apron. The tree's location creates a hazard to all when entering or exiting the driveway. As you can see by the attached photos, the placement of this tree is not conducive to normal access or use of the driveway. Our contractor was able to meet with John Finnell to find new location for this tree, 10 feet to the west of the current location, which is agreeable to all. The tree would be mechanically spaded by a large tree specialist and re-plated with the root structure intact.

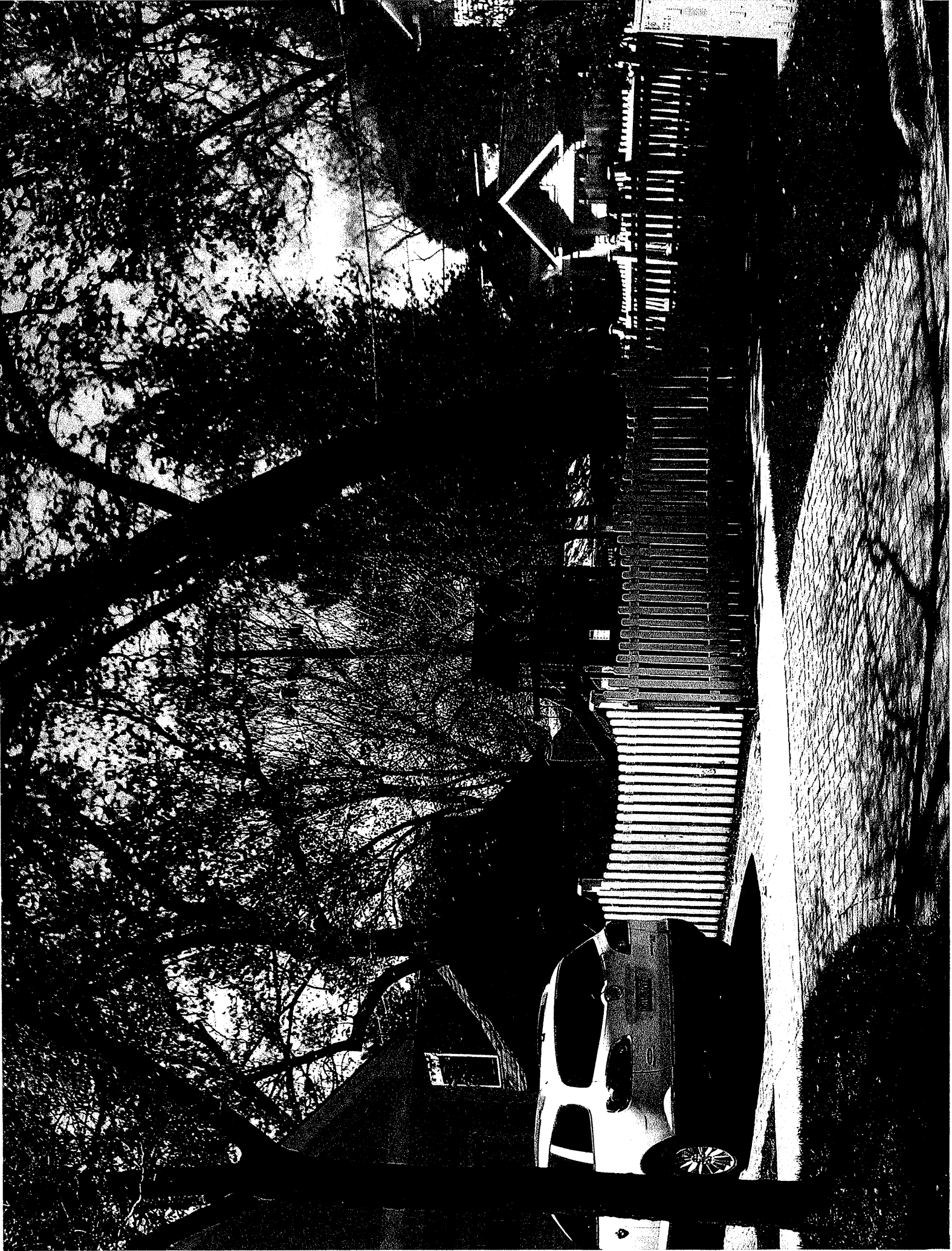
Thank you for your consideration in this matter. We look forward to hearing from you.

Sincerely,

**Dante & Patty DeWitt
404 S Lincoln Street
Hinsdale, IL 60521
630-468-2404**







MEMORANDUM

TO: Chairman LaPlaca and EPS Committee
FROM: Dan Deeter
DATE: May 13, 2013
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 complaint calls. In total, three Engineering employees performed 137 site inspections for the month of April. The following capital improvement projects and engineering studies are underway.

Oak Street Bridge Replacement Engineering Phase I/Environmental Assessment

- | | |
|--|----------------------|
| ✓ Final Public Meeting | 03/12/13 |
| ✓ Public comment period. | 03/13/13-04/05/13 |
| ➤ Summarize public meeting and comments into final report. | 04/08/13-05/17/13 |
| • Submit final project report into IDOT District 1 | 05/20/13 |
| • IDOT final review (<u>min</u> 30 days) | 05/20/13-06/21/13 |
| • Phase 1 Design approval. (IDOT/ICC/FHWA sign-offs) | Late June/Early July |

Oak Street Bridge Replacement Engineering Phase II/Design Engineering

- | | |
|---|-------------------|
| ✓ Issued Request for Qualifications letters to four consultants | 01/11/13 |
| ✓ Received two statements of qualifications-HR Green & Rempe-Sharpe | 01/31/13 |
| ✓ Staff evaluates qualifications of engineering consultants | 02/01/13-02/25/13 |
| ✓ EPS discussion of staff recommendation for best qualified consultant | 03/11/13 |
| ✓ HR Green develops design contract for Village review | 3/12/13-05/01/13 |
| ➤ IDOT reviews, comments, & approves consultant's proposal(est. 45 day) | 05/01/13-06/17/13 |
| • EPS reviews and recommends design engineering contract | 07/08/13 |
| • Board of Trustees approves design engineering contract | 07/16/13 |
| ○ After Phase I design approval | |
| • Phase II Design begins | est: July 2013 |

Woodlands Green Infrastructure Improvements, Phase 1

- | | |
|--|-----------|
| ✓ Construction Started | 06/29/12 |
| ✓ Binder course paving was applied the week of | 11/09/12 |
| ✓ Substantial completion | 12/15/12 |
| ➤ Rain garden/bio-swale construction continues | 04/01/13 |
| • Final Completion (plantings, surface course) | June 2013 |
| • As of 11/03/12, total construction change order to date: \pm \$23,473 addition | |

50/50 Sidewalk Program

- | | |
|--|--------------------|
| ✓ Mailings to all residents to identify 50/50 sidewalk locations | March – April 2013 |
| ➤ Contract Bid Advertising | May 2 – 15, 2013 |
| • Bid Approval recommendation by EPS | June 10, 2013 |
| • Bid Approval by Board of Trustees | June 18, 2013 |
| • Sidewalk Replacement | July 2013 |

2013 Resurfacing (N. CLR) and 2013 Reconstruction (W. Fourth Street)

- | | |
|---|---------------------|
| ✓ Design engineering & permitting | May 2012 – Feb 2013 |
| ✓ Construction observation services Awarded | February 2013 |
| ✓ Construction bidding starts | 02/28/13 |
| ✓ Bid opening | 03/26/13 |
| ✓ EPS reviews and recommends contractor | 04/08/13 |
| ✓ BOT awards construction contract | 04/16/13 |
| ➤ Construction | May – Nov. 2013 |

FY 2013-14 Water Main Project (Garfield WM from 55th St to 57th and Fuller WM, Justina to Mills)

- | | |
|--|-------------------|
| ✓ Design Engineering Request for Proposals | 04/02/13-04/30/13 |
| ✓ Open Design Engineering Request for Proposals | 04/30/13 |
| ➤ EPS reviews and recommends design engineering consultant | 05/13/13 |
| • BOT awards design engineering contract | 05/21/13 |
| • Design and Permitting | 05/22/13-11/14/13 |
| • Bidding Process | 11/15/13-12/19/13 |
| • Construction bids opened | 12/19/13 |
| • EPS reviews and recommends construction contractor | 01/15/14 |
| • BOT awards construction contract | 01/23/14 |
| • Water main construction | 03/01/14-04/30/14 |

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

- | | |
|--|---------------------|
| ✓ Design Engineering Proposal presented to EPS/BOT | February 2013 |
| ➤ Design Engineering & Permitting | Mar 2013 – Jan 2014 |
| • Construction bidding | February 2014 |
| • Construction Contract Awarded | March 2014 |
| • Construction Starts | April 2014 |

Other Engineering Projects

IDOT will be resurfacing Illinois Route 83 from Knollwood Road to Illinois Route 56 (Butterfield Road). This improvement is scheduled to begin in the spring of 2013. To facilitate traffic in the area, resurfacing operations will be done primarily at night between the hours of 8:00 PM to 5:00 AM Monday through Friday as well as the weekends (as necessary).

This year the Illinois Tollway Authority will reconstruct ramps at the I-55 / I-294 interchange. This project is scheduled to begin in June and end in December 2013.

State and Federal Funding Opportunities

A summary of the Grant Funds awarded or applied for by the Village of Hinsdale is attached.

Cc: President and Board of Trustees
Dave Cook

Veeck Park Wet Weather Facility
Hinsdale, Illinois

Date	Bar Screen Channel Down Stream (feet)	Overflow Height Above Weir (feet)	Storage Tank Elevation (feet)	Precipitation (inches of water or water equivalent)	Cumulative Monthly Rainfall
04/01/13	0.00		3.01		0.00
04/02/13	0.01		3.60		0.00
04/03/13	0.01		3.73		0
04/04/13	0.00		3.86		0
04/05/13	0.01		2.08		0
04/06/13	0.00		2.27	0.07	0.07
04/07/13	0.00		2.45		0.07
04/08/13	.97		5.61	0.42	0.49
04/09/13	0.01		2.72	0.29	0.78
04/10/13	1.49		4.53	1.06	1.84
04/11/13	8.34	0.34	25.00	0.32	2.16
04/12/13	0.34		15.34		2.16
04/13/13	0.03		2.69	0.02	2.18
04/14/13	0.01		2.16		2.18
04/15/13	0.03		2.25	0.28	2.46
04/16/13	0.02		3.79		2.46
04/17/13	0.00		3.95	1.72	4.18
04/18/13	8.99	0.99	26.00	2.75	6.93
04/19/13	7.20		25.15		6.93
04/20/13	0.03		2.01		6.93
04/21/13	0.02		2.17		6.93
04/22/13	0.24		2.33		6.93
04/23/13	0.15		2.86	0.54	6.96
04/24/13	0.29		2.56	0.05	7.52
04/25/13	0.19		2.90	0.01	7.53
04/26/13	0.23		3.32		7.53
04/27/13	0.19		2.06		7.53
04/28/13	0.22		2.82	0.02	7.55
04/29/13	0.24		2.18		7.55
04/30/13	0.20		3.38		7.55

Total Precipitation in April 7.55
Departure from Normal: 3.87

Notes:

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

Change Order Field Record

Change Request No.	Date	Pay Item	Description and Reason for Change	Status	Estimated Cost		Submitted Cost		Change Order No.	Board Approval Date
					Addition	Deduction	Addition	Deduction		
1	07/17/12	WATER SERVICE LINE, 1-1/2"	710 McKinley water service location on site different from plan.	Complete			\$ 658.79		1	10/16/12
2	07/17/12	WATER SERVICE LINE, 1-1/2"	801 Cleveland water service location on site different from plan.	Complete			\$ 806.85		1	10/16/12
3	07/19/12	WATER SERVICE LINE, 1-1/2"	743 McKinley repaired broken water service. Location on site different from plan.	Complete			\$ 2,527.57		1	10/16/12
4	07/23/12	WATER SERVICE LINE, 1-1/2"	807 McKinley water service location on site different from plan.	Complete			\$ 988.19		1	10/16/12
5	07/26/12	PVC WATER MAIN, 6"	Water main break in the vicinity of 738 Woodlands	Complete			\$ 2,540.28		1	10/16/12
6	08/06/12	WATER SERVICE LINE, 1-1/2"	805 Taft repaired broken water service. Location on site different from plan.	Complete			\$ 2,154.30		1	10/16/12
7	08/07/12	SANITARY SERVICE & SANITARY SEWER REPAIR	801 Woodland repaired sanitary service at resident request. Repaired sanitary main at junction with service.	Complete			\$ 1,176.08		1	10/16/12
8	08/08/12	PVC WATER MAIN, 6"	Labor to locate water main in vicinity of FH 55. Water main locations different from plan.	Complete			\$ 1,447.08		2	11/20/12
9	08/09/12	WATER SERVICE LINE, 1-1/2"	Labor to identify water service at 721 Taft. Location on site different from plan.	Complete			\$ 664.31		1	10/16/12
10	08/15/12	WATER SERVICE LINE, 1-1/2"	708 Woodlands: Repaired existing water service made from obsolete, brittle materials.	Complete			\$ 1,376.44		1	10/16/12
11	08/20/12	WATER SERVICE LINE, 1-1/2"	728 Cleveland excavation and backfill of abandoned water service. Abandoned b-box was not previously removed.	Complete			\$ 1,323.57		1	10/16/12
12	08/06/12	DIRECTIONAL BORE	Extend directional bore from 7th Street (East) to 7th Street (West) to save trees in the vicinity.	Complete			\$ 1,301.57		1	10/16/12
13	08/14/12	WATER SERVICE LINE, 1-1/2"	Upgrade water service size to match the existing 2-inch water services on three homes.	Complete			\$ 1,921.00		1	10/16/12
14	08/16/12	WATER SERVICE LINE, 1-1/2"	Location of existing water service different from plans, directional bore water service at 700 Taft to preserve trees	Complete			\$ 1,625.00		1	10/16/12
15	08/16/12	FIRE HYDRANT WITH AUX. VALVE & BOX	Relocations of fire hydrants to more efficiently provide fire protection to homes.	Complete			\$ 3,120.00		2	11/20/12
16	08/28/12	TRENCH BACKFILL	Additional trench backfill necessary for storm sewer realignment to reduce impact to tree roots.	Complete			\$ 9,800.00		2	11/20/12
17	08/30/12	MANHOLE, 4'-DIA.	Relocation of Rain Garden 13 to provide screening trees north of the rain garden.	Complete			\$ 4,000.00		2	11/20/12
18	08/31/12	STORM SEWER REM	After assessing field conditions, 516-feet of existing storm sewer did not need to be removed	Proposed			\$ 1,745.00		2	11/20/12
19	09/04/12	RELOCATE WATER MAIN	Relocate 6-inch water main under 7th & McKinley Lane underground detention.	Complete			\$ 5,591.88		2	11/20/12
20	09/06/12	TEMPORARY EROSION CONTROL	Construct diversion channel as additional temporary erosion control at 810 Taft.	Complete			\$ 664.28		2	11/20/12
22	08/16/12	WATER SERVICE LINE, 1-1/2"	Move water service at 555 Woodland due to conflict with a parkway tree. 4-1 manifold and the solid copper pipe broke at the solder joints causing replacement of service.	Complete			\$ 1,684.76		2	11/20/12
23	08/21/12	STORM SEWER, 12"	Proposed 12" storm sewer was installed, removed, and re-laid to avoid conflict with unknown 4" cast iron gas pipe not previously identified by JULIE.	Complete			\$ 1,660.72		2	11/20/12
24	09/07/12	FIRE HYDRANT WITH AUX. VALVE & BOX	Relocations of fire hydrants to more efficiently provide fire protection to homes.	Complete			\$ 4,900.00		2	11/20/12

Change Order Field Record

Change Request No.	Date	Pay Item	Description and Reason for Change	Status	Estimated Cost		Submitted Cost		Change Order No.	Board Approval Date
					Addition	Deduction	Addition	Deduction		
25	09/07/12	WATER MAIN CASING WITH SPACERS	Upon review of site conditions, water main casing with spacers is not required.	Complete				\$ 11,050.00	2	11/20/12
26	09/11/12	MANHOLE, 4'-DIA.	Modify storm MH due to storm sewer conflict w/gas main	Complete			\$ 211.52		2	11/20/12
27	09/17/12	WATER SERVICE LINE, 1-1/2"	Equipment to identifying and uncovering a previously unknown water service for 582 Dalewood.	Complete			\$ 949.17		2	11/20/12
28	09/21/12	Rain Garden / Bio Swale	Revisions to BMP areas (revisions 1 through 4)	Complete				\$ 35,116.90	2	11/20/12
29	09/24/12	Time & Materials	VOH marked the old water service at 707 E. Seventh St. Pirtano excavated old service, backfilled, and worked with village to find the active service - a delay of +/- 4 crew hours.	Complete			\$ 1,880.97		2	11/20/12
30	09/26/12	Time & Materials	Coring of manhole at Rain Garden #34 to add connections for adjacent inlet structures.	Complete			\$ 1,168.19		2	11/20/12
31	04/09/13		Reconciliation of unit quantities constructed in 2012 versus bid quantities.	Complete			\$ 8,652.25		3	
32	04/17/13	Rain Garden #17.1/17.2	Reduction of rain garden surface area at 700 Cleveland with associated increase in underground storage to avoid +/- \$5000 for removal and replacement of irrigation system controls, valves, piping and heads.	In Process	\$ 2,197.10					
33	04/17/13	Rain Garden / Bio Swale	Installation of J-bolts to connect concrete spillways to curb.	In Process	\$ 1,350.00					
34	04/30/13	SODDING, SALT TOL TOPSOIL, PLACE 4"	Restoration of right of way areas will exceed plan quantities	Proposed	\$30,000					
35	04/30/13	CURB & GUTTER REMOVE & REPLACE	Deteriorating curb & gutter on Harding will cause remove and replacement quantities to exceed the plan.	Proposed	\$8,800					
36	04/30/13	Rain Garden	Restrictor pipe will improve rain garden functioning	Proposed	\$13,100					
37	04/30/13	Area drain	Addition of an area drain in front of 511 Seventh Street to drain a low point.	Proposed	\$ 1,500.00					
38	04/30/13		Connect previously unidentified sump pump discharge at 714 Cleveland	Proposed	\$ 969.00					
39	04/30/13	Rain Garden	Reduction in rain garden total area during construction.	Proposed		\$ 12,000.00				
Subtotal					\$ 57,916.10	\$ 12,000.00	\$ 51,839.77	\$ 74,282.90		
Total					\$	\$ 23,472.97	Addition			

Construction Observation		Construction	
Budget: \$	131,130.00	Project Budget	
Bid: \$	223,376.00	Pirtano Bid	
Change Order #1 \$	46,583.75	Construction Contingency	
Contingency: \$	(138,829.75)	Contingency balance Less Net Change Orders	

Total Project Contingency: \$ 367,697.28

5,075,000.00
4,545,000.00
530,000.00
506,527.03

Highlighted change order requests are new as of this revision.

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	Approved by DMMC 11/16/11 for FY 2017	\$311,627
DuPage Mayors & Managers	Surface Transportation Projects	Chicago Avenue Resurfacing		\$203,291
DuPage Mayors & Managers	Surface Transportation Projects	York/Garfield Resurfacing		\$293,442
DuPage Mayors & Managers	Surface Transportation Projects	N. Madison Resurfacing	Approved by DMMC 12/04/12 for FY 2018	\$317,765
DuPage Mayors & Managers	Surface Transportation Projects	S. Madison Resurfacing		\$274,000
West Suburban Mass Transit	Car Sale Proceeds	Highland Parking Lot	2/3 reimbursement	\$100,000
Total				<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 Infrastructure Grant	Woodlands Phase 2	Request submitted 12/14/12	\$750,000
State of Illinois	State of Illinois Capital Bill	Woodlands Phase 2	Request submitted 05/03/13	\$750,000
State of Illinois	State of Illinois Capital Bill	Fifth & Grant Stormwater Mgmt	Request submitted 05/03/13	\$325,000
State of Illinois	State of Illinois Capital Bill	North Madison Stormwater Mgmt	Request submitted 05/03/13	\$525,000
Total				<u>\$7,245,000</u>

DATE: May 13, 2013

REQUEST FOR BOARD ACTION

AGENDA SECTION NUMBER Board of Trustees Item	ORIGINATING DEPARTMENT Community Development
ITEM FY 2013-14 Water Main Project Design Engineering S. Garfield & Fuller Streets	APPROVAL Daniel M. Deeter Village Engineer

On 04/03/13 Request For Proposals (RFP) for design services for the FY2013-14 Water Main Project were sent to five engineering consultants with satisfactory relationships with the Village in accordance with 50 ILCS 510, section 5. The RFP application period ended 04/30/13 and the proposals received were evaluated against the RFP requirements.

The five engineering consultants were asked to provide proposals for design and construction observation services. These consultants are HR Green, Inc.; James J. Benes & Associates, Inc.; Rempe-Sharpe & Associates, Inc.; Primera Engineers, Ltd.; and RJN Group. All consultants provided proposals which are attached. After reviewing the proposals, staff is recommending James J. Benes & Associates, Inc. to provide the design services. Design services are budgeted for \$37,500. Total engineering services are budgeted at \$75,000.


The water mains to be improved in the Woodland's Phase 2 include:

- S. Garfield Street 55th Street to 57th Street
- Fuller Road Justina Street to Mills Street

The design phase is anticipated to occur from May 2013 – February 2014. Construction will begin March 2014.

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

Motion: To Award the Engineering Services for the Design of the FY2013-14 Water Main Project to James J. Benes & Associates, Inc. in the Amount Not to Exceed \$16,492.00.

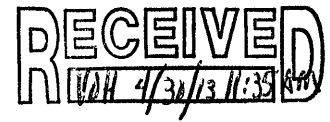
APPROVAL	APPROVAL	APPROVAL	APPROVAL	MANAGER'S APPROVAL 
COMMITTEE ACTION:				
BOARD ACTION:				

2013-14 Hinsdale Water Main Project
 S. Garfield Street & Fuller Road
 Hinsdale, IL
 Date: 13-May-13

Consultants:	Budget	HR Green	JJ Benes	Rempe-Sharpe	RJN Group	Primera
Scope:						
Topo Survey		Yes	Yes	Yes	Yes	Yes
Permitting		Yes	Yes	Yes	Yes	Yes
Record Dwgs		Yes	Yes	Yes	Yes	Yes
Fee		Cost	Cost	Cost	Cost	Cost
Design		41,295.00	16,492.00	20,200.00	36,083.00	33,509.00
Constr. Obs.		29,580.00	25,111.00	24,800.00	35,722.00	29,491.00
Total	\$ 75,000.00	\$ 70,875.00	\$ 41,603.00	\$ 45,000.00	\$ 71,805.00	\$ 63,000.00
% Cost	15.0%	14.2%	8.3%	9.0%	14.4%	12.6%
Schedule:	Complete in FY2013-14	OK	Thru May 2014	OK	OK	OK
Design Mtgs	4					
Constr. Obs.		Full time	Full time	Full time	Full time	Full time
		6 wks	30 wk d	6 wks	6 wks	



JAMES J. BENES AND ASSOCIATES, INC.
CONSULTING ENGINEERS



April 30, 2013

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

Re: 2014 Water Main Improvement Project

Dear Dan:

James J. Benes and Associates, Inc. appreciates the opportunity to submit this Proposal to provide design and construction engineering services for the Village's 2014 Water Main Improvement Project. We have provided similar services for over 40 years, and are proud of the lasting relationship we have maintained with our municipal clients. The following sections outline our understanding of the scope of improvements and the specific engineering services to be provided. The "Compensation" section and attached "Estimate of Manhours and Costs" present the estimated manhours and costs and not-to-exceed cost to complete the specified services. An initial Project Schedule is also attached.

If selected, we will provide an agreement in a form acceptable to the Village.

UNDERSTANDING OF PROJECT

The Village of Hinsdale's 2014 Water Main Improvement Project will include the following elements:

<u>Water Main Replacement</u>			
<u>Street</u>	<u>From</u>	<u>To</u>	<u>Length</u>
Garfield Street	55th Street	57th Street	1320'
Fuller Road	Justina Street	Mills Street	1305'

<u>Potential Road Resurfacing</u>			
<u>Street</u>	<u>From</u>	<u>To</u>	<u>Length</u>
Garfield Street	55th Street	57th Street	1320'
Fuller Road	Justina Street	Mills Street	1305'

The improvements will be constructed during the 2014 construction season.

The Village desires professional engineering services to perform design, construction and feasibility services including survey, preparation of plans and specifications, permitting, bidding services, construction observation, and final construction documentation. The specific services to be provided are outlined in the Project Approach section of the Proposal.

PROJECT APPROACH

The scopes of the services are based on the Request for Proposals (RFP) dated April 3, 2013. Design engineering shall be in accordance with MFT guidelines and shall generally consist of Data Collection, Final Design and Document Preparation, and Coordination. The specific tasks associated with each of these phases are outlined below.

950 Warrenville Road, Suite 101
Lisle, Illinois 60532

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

Construction engineering shall meet Village requirements.

The following specific tasks will be performed in each category of the phases.

DESIGN ENGINEERING SERVICES

A. Data Collection

1. We anticipate a kick-off meeting at the onset of the project to review the goals and schedule and to obtain background data. Plans, atlases, aerial photography, standard details, and specifications will be obtained.
2. For locations of water main replacement and sidewalk ADA compliance, field surveys will be performed as needed to supplement information shown on engineering plans and aerial photography. The sizes and inverts of all sewers will be established. The survey will use the Hinsdale NAVD 88 datum.
3. A field reconnaissance will be performed to establish existing conditions and construction quantities for pavement patching, curb and gutter repair, structure adjustment or reconstruction, and sidewalk removal and replacement. The criteria for curb and sidewalk replacement and structure repairs will be coordinated with the Village prior to the reconnaissance. Street lengths, pavement widths, locations of utility structures, pavement patching, lengths of curb and gutter removal and replacement, and areas of ADA sidewalk repair will be obtained. Existing engineering plan sheets, where available, will be used for street lengths and pavement widths.
4. Utility information will be gathered from the utility companies.
5. Soil borings and soil sampling for CCDD documentation will be performed for the proposed water main replacement improvements. This work will be subcontracted to a geotechnical engineering consultant. Per the RFP, a minimum of 3 soil borings/samplings are assumed.

B. Final Design and Document Preparation

1. Perform final design and prepare the following plan sheets:
 - a. Title Sheet
 - b. General Notes
 - c. Summary of Quantities
 - d. Typical Sections
 - e. Traffic Control Plans
 - f. Resurfacing Plan Sheets, if required (using aerial base sheets)
 - g. Water Main Plan & Profile Sheets (using aerial base sheets)
 - i. Construction Details
2. Prepare street by street estimate of cost.
3. Prepare technical specifications and special provisions using IDOT MFT and Village policies and procedures. The special provisions will reference the IDOT Standard Specifications for Road and Bridge Construction and the Standard Specifications for Water and Sewer Main Construction in Illinois, latest editions.
4. Prepare bidding and contract documents will be prepared using Village and IDOT MFT policies and procedures.

C. Coordination

1. Plans, special provisions and cost estimates will be submitted to the Village. Meetings will be held, as needed, with the Village and DuPage County to discuss review comments.
2. Plans, special provisions, and a permit application will be submitted to the IEPA for the proposed water main improvements. Plans and Specifications will be submitted to DuPage County Highway Department to secure a County Highway Permit.
3. We will attend the bid opening; prepare a bid tabulation; and prepare correspondence for award of contract.

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 concrete and hot mix asphalt construction. This work will be subcontracted.
 6. Upon completion of the improvement, an Engineer's Final Payment Estimate will be prepared and submitted to the Village.

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 not-to-exceed costs for the 2014 Water Main Improvement are as follows:**

Design Engineering	\$ 16,492
Construction Engineering	<u>\$25,111</u>
Total Not-To-Exceed Cost	\$ 41,603

April 30, 2013

The not-to-exceed costs are based on the "Estimates of Manhours and Costs" that are attached to and made part of the proposal. Also attached is a Project Schedule for completion of the tasks listed in the Project Approach.

COMPLIANCE WITH RULES AND REGULATION

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.

ACCEPTANCE:

If this proposal is acceptable, please sign and return one copy for our records.

JAMES J. BENES AND ASSOCIATES, INC.



by: Jeffery C. Ziegler

Vice President

Accepted for _____

by: _____ Date: _____

APPENDIX A

ESTIMATE OF MANHOURS AND COSTS
VILLAGE OF HINSDALE
2014 WATER MAIN IMPROVEMENT PROJECT

PHASE II ENGINEERING

CATEGORY OF SERVICE	PRINC.	SR. ENGR.	PROJ. ENG.	TECH	TOTAL HOURS	SERVICES BY OTHERS	TOTAL COST
PHASE 2 ENGINEERING							
A. DATA COLLECTION							
1. Kickoff Meeting	2	2	0	0	4		\$550
2. Previous Studies, Plans and Data	0	4	0	0	4		\$467
3. Field Recon. w/ staff	0	1	0	0	1		\$118
4. Utility Coordination	0	0	1	1	2		\$156
5. BNSF/Metra Coordination	0	0	0	0	0		\$0
6. Flood Plain Information	0	0	1	0	1		\$97
	2	7	2	1			
B. FIELD SURVEYS (not incl. RR Prot Liab and Flagmen)	0	0	0	24	24		\$1,463
	0	0	0	24			
C. ENVIRONMENTAL ANALYSES							
1. Prepare & Submit Environmental Survey Request	0	0	0	0	0		\$0
2. Sewer Clean and Televis	0	0	0	0	0		\$0
3. Special Waste Screening/PESA Coordination (TSC)	0	1	0	0	1	\$800	\$918
	0	1	0	0			
D. SOILS AND GEOTECHNICAL							
1. Negotiate Subcontract (TSC)	0	0	0	0	0	\$1,200	\$1,200
2. Analyze Soils Report	0	0	1	0	1		\$97
3. Structure Evaluation	0	0	0	0	0		\$0
	0	0	1	0			
E. FINAL DESIGN							
1. Survey Clean-up & Base Sheets	0	0	0	12	12		\$733
2. TIN Model	0	0	0	2	2		\$121
3. Base Plan Sheets	0	0	0	2	2		\$121
4. Horizontal Alignment, Geometrics & plot exist. X-Section	0	0	0	1	1		\$62
5. Establish Proposed Profile/X-Sect. & ROW Analysis	0	2	0	0	2		\$234
6. Typical Sections	0	2	0	2	4		\$354
7. Water Main Design	0	12	0	8	20		\$1,890
8. Comp Storage and Stormwater Volume Mitigation	0	0	0	0	0		\$0
9. Traffic Control and Staging Plan	0	2	0	1	3		\$295
10. Standard and Construction Details	0	0	0	3	3		\$183
11. Quantities and Cost Estimate	0	2	0	4	6		\$478
12. QC/QA Plan and Estimate Review	2	0	0	0	2		\$317
	2	20	0	35			
F. COORDINATION / PERMITTING							
1. Metra/BNSF	0	0	0	0	0		\$0
2. Village Engineering and Public Works	1	6	0	0	7		\$859
3. Misc. Phone, E-mail & Written Coord. w/Vill., DC	1	4	0	0	5		\$626
	2	10	0	0			
G. CONTRACT DOCUMENTS							
1. Develop Special Provisions	0	4	0	0	4		\$467
2. Prepare MFT Contract Specifications	0	4	0	4	8		\$711
3. QC/QA Review	1	0	0	0	1		\$158
	0	0	0	0	0		\$0
	1	8	0	4			
H. PUBLIC INVOLVEMENT							
1. Village Board or Committee Meeting	4	4	0	0	8		\$1,101
2. Other Public Informational Meetings	4	4	0	0	8		\$1,101
	8	8	0	0			
I. BIDDING AND COORDINATION							
1. Notice to Bidders	0	2	0	0	2		\$1,150
2. Pre Bid Meeting and Bid Opening	0	4	0	0	4		\$467
	0	6	0	0			
TOTAL ALL PHASE I ITEMS	15	60	3	64	142	\$2,000	\$16,492

ESTIMATE OF MANHOURS AND COSTS
VILLAGE OF HINSDALE
Proposed 2014 Water Main Improvement
PHASE 3 CONSTRUCTION ENGINEERING

CATEGORY OF SERVICE	PRINC.	SR. ENGR.	PROJ. ENG.	TECH.	TOTAL HOURS	DIRECT LABOR	OVERHEAD	TOTAL PAY COST	1H DIRECT COST	SERVICES BY OTHERS	PROFIT	TOTAL COST
PHASE 3 CONSTRUCTION ENGINEERING												
A. DATA COLLECTION												
1. Pre Construction Conference	1	0	2	0	3	\$118	\$159	\$277			\$42	\$318
2. Construction Layout	0	0	0	32	32	\$726	\$977	\$1,703			\$255	\$1,959
3. Shop Drawings	0	0	1	0	1	\$30	\$40	\$69			\$10	\$80
4. Inspection, Payouts and Change Orders (30 wd)	4	0	64	240	308	\$7,572	\$10,182	\$17,754		\$0	\$2,663	\$20,417
5. Punchlist / As-Builts	2	0	6	12	20	\$567	\$763	\$1,330			\$200	\$1,530
6. Final Inspection and Documents	0	0	4	8	12	\$300	\$403	\$702			\$105	\$808
	7	0	77	292								
TOTAL ALL PHASE 3 ITEMS												
	7	0	77	292	376	\$9,313	\$12,523	\$21,836	\$0	\$0	\$3,275	\$25,111

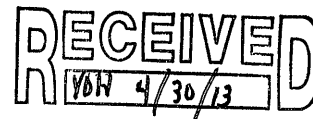
PROJECT SCHEDULE

VILLAGE OF HINSDALE 2014 WATER MAIN IMPROVEMENT

Months	2013												2014				
	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May			
Data Collection			XXXXX														
Final Design				XXXXX	X												
Plan Preparation					XX												
Document Preparation						X											
Village Review				X	X	XXX											
IEPA Permitting							X	XXXX	XXXX								
DPC Permitting																	
Bidding									XXXX	XXXX	XX						
Construction (30 Working Days)												XX	XXXX	XXXX			

Daniel Deeter

From: Creech, Scott [screech@hrgreen.com]
Sent: Tuesday, April 30, 2013 11:49 AM
To: Daniel Deeter
Subject: FY2013-14 Water Main Improvement Project
Attachments: pro-043013-2013-14-water-main-HINSDALE_201304301142.pdf



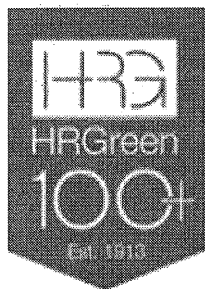
Dan, Enclosed is our proposal for the subject project. Thank you for the opportunity to submit and please do not hesitate to contact me with questions/comments.

Also since this attachment is fairly large, please let me know you received the proposal. Thanks.

Scott

T. SCOTT CREECH, P.E.
Site Director - New Lenox, IL

HR GREEN, INC.
323 Alana Drive
New Lenox, IL. 60451
Office: 815.462.9324
Direct: 815.320.7119
Fax: 815.462.9328



Learn more at HRGreen.com

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4/30/2013



PROFESSIONAL SERVICES AGREEMENT

For

FY 2013-14
WATER MAIN IMPROVEMENT PROJECT

Village of Hinsdale
Dan Deeter, P.E.
Village Engineer
19 East Chicago Avenue
Hinsdale, IL 60521
630-789-7000

Scott Creech, P.E.
Site Manager, New Lenox
HR Green, Inc.
323 Alana Drive
New Lenox, IL 60451
Project No. 87130165

April 30, 2013

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- 1.0 PROJECT UNDERSTANDING
- 2.0 SCOPE OF SERVICES
- 3.0 DELIVERABLES AND SCHEDULES INCLUDED IN THIS AGREEMENT
- 4.0 ITEMS NOT INCLUDED IN AGREEMENT/SUPPLEMENTAL SERVICES
- 5.0 SERVICES BY OTHERS
- 6.0 CLIENT RESPONSIBILITIES
- 7.0 PROFESSIONAL SERVICES FEE
- 8.0 TERMS AND CONDITIONS

THIS AGREEMENT is between Village of Hinsdale (hereafter "CLIENT") and HR GREEN, INC. (hereafter "COMPANY").

1.0 Project Understanding

1.1 General Understanding

The CLIENT has requested that COMPANY provide a proposal for professional surveying and engineering and construction observation services for the design and preparation of permit, bidding, and construction documents in support of the 2013-14 Water Main Project. The project limits include water main replacement along Garfield St. from 55th St. to 57th St. and along Fuller Road from Justina St. to Mills St. This project includes construction of about 1,650 feet of new 8" ductile iron Water Main, abandoning the existing 6" water main, connecting to existing water main at each end and providing new service connections to approximately 30 residences.

1.2 Design Criteria/Assumptions

- The length of the proposed water main is estimated to be 1,650 +/- lineal feet.
- Illinois Environmental Protection Agency (IEPA) Standard Specifications for Water and Sewer Construction in Illinois.
- IDOT's Procedural Guidelines for Assemblage and Handling of MFT Construction, Latest Edition.
- Latest ADA State and Federal Standards.
- CLIENT Engineering Design Standards and Standard Details.

2.0 Scope of Services

The CLIENT agrees to employ COMPANY to perform the following services:

2.1 Survey Services included as specified in detail below.

A. Right-of-Way Survey

COMPANY will recover the existing right-of-way evidence for Garfield Street and Fuller Road within the described limits. COMPANY will calculate the existing right-of-way based on found monuments and subdivision plats for this area.

B. Roadway Topographic Survey

COMPANY will complete a topographic survey within the existing right of way for Garfield Street from 55th to 57th Streets (inclusive) being approximately 1,320 feet in length and Fuller Road from Justina to Mills Streets (inclusive) being approximately 330 feet in length. The survey will include visible improvements and cross-sections at 50 foot intervals within the described limits. The identified improvements will include, but are not limited to, pavement, curb, driveways, traffic signs, existing visible utilities, and visible utility flags or markers delineating underground utilities. Underground utilities will be noted as observed at each unlocked manhole. Trees six inches or larger in diameter lying outside of a tree line will be located but species not identified. Survey will reference Illinois State Plane Coordinate System East Zone NAD83(2007). Elevations will be based on the NAVD88 datum.

C. Topographic Survey Base Map

The final drawing will depict existing visible improvements inside the areas described above, as well as contours and the existing rights-of-way located by COMPANY. The drawing will be completed in AutoCAD release 2011. Because the final drawing will be incorporated into the engineering plans, a Topographic Survey Plat of the areas described above is not included within this proposal.

D. Record Drawings

COMPANY shall provide a plan set showing rim elevations and locations of visible new structures, in accordance with the water main improvement plans marked "For Construction" prepared by COMPANY. This includes only water main structures. This does not include any information on water services beyond the buffalo box. The location of these utilities shall be performed only once. Any adjustments shall be done on a time and material basis. The CLIENT or contractor must notify COMPANY of any changes to the utilities, so they can be shown on the plan set accordingly. COMPANY shall provide a digital copy of the plan set to be completed in AutoCAD format, in addition to providing two (2) paper copies of the plan set.

2.2 Design Services

A. Project Administration

1. This item includes general administrative tasks associated with the proposal.
2. Conduct general coordination throughout the project with CLIENT, DuPage County Division of Transportation.

B. Plans & Specification

1. Contact utilities utilizing J.U.L.I.E. Design phase locate and request mapping information, to identify existing utilities within project area. Contact utility companies to verify if conflicts exist within proposed alignment.
2. Prepare engineering plans, specification, and contract documents utilizing CLIENT standards. The plans shall be submitted for 30%, 60% and 90% design review.
3. A typical set of Final Engineering Plans and Specifications includes the following:
 - a) Cover Sheet/Project information – One (1) sheet.
 - b) Specifications/General Notes – Two (2) sheets.
 - c) Water Utility Plan (1"=20' scale) – Three (3) sheets.
 - d) Stormwater Pollution Prevention Plan (SWPPP) Plan & Details – Three (3) sheets
 - e) Standard Details – Four (4) sheets.
4. Prepare an Engineer's Opinion of Probable Costs (EOPC) for the 30%, 60% and 90% submittals.

C. Permitting

Verify, determine, and submit all applicable permits on behalf of the CLIENT. Anticipated permits are:

1. IEPA Public Water Supply Construction Permit

2. DuPage County Division of Transportation Construction Permit
3. National Pollutant Discharge Elimination System (NPDES)

D. Bidding Assistance

1. Prepare Bid Documents
2. Prepare Bid Notice
3. Answer contractor questions.
4. Prepare bid addendums, as necessary.
5. Review bids and recommend award to a contractor.

E. Meetings

1. One (1) Project Kick-Off Meeting, Two (2) Hours with CLIENT.
2. One (1) Coordination Meeting each with CLIENT & DuPage County Division of Transportation, Two (2) Hours.
3. One (1) Bid Opening Meeting, Two (2) Hours.

These items include preparation of meeting minutes and distribution to meeting attendees.

2.3 Construction Observation

The COMPANY will maintain a staff member to perform construction observation on a Full-time basis during the hours of construction operations to ascertain that the contractor's operations are being performed in accordance with the approved plans and specifications. This will be reported on a field report for each day that observations are performed. It is assumed that the Construction Observation and Oversight will be required for 30 Field Days (6 Calendar Weeks) at 8 hours/day.

Following is a breakdown of the various tasks associated with the Construction Observation Services to be supplied by COMPANY:

A. Preconstruction Meeting

This will include conducting a pre-construction meeting with the contractor and development of the meeting minutes. During this meeting the ground rules will be set-up with the contractor, a notice-to-proceed will be issued, and local utility and municipal entities will be invited to participate to discuss impacts to their facilities.

B. Construction Observation and Contract Administration

This work consists of general construction observation onsite to ensure the general conformance with the approved engineering plans and specifications. Key responsibilities of the Resident Engineer will include:

- Conduct Pre-Construction Meeting
- Observe the quality of workmanship and materials
- Document contract activities with daily reports
- Monitor compliance of the Contractor with the Contract Documents
- Distribute Shop Drawings

- Report Project Progress according to Contractor's Schedule
- Review any test results as required by the Contract Documents
- Interpret Contract Documents, and recommend solutions to contractor disputes. Review Contractor's initial detailed estimate and current estimates for progress payments
- Perform field administration of Contractor shop drawings and submittals
- Conduct job site meetings and issue minutes
- Develop substantial completion documentation
- Coordinate Final Inspection with necessary agencies
- Monitor and sign off on corrective actions, if so required

C. Project Close-out

Upon completion of the project, administer the complete execution and submission of all close-out documents including; maintenance bonds, warranties, schedule of follow-up inspections (If needed for warranty)

D. Resident Engineering Administration

Construction management personnel will provide guidance and consultation to the Resident Engineer as needed. It is anticipated that one (1) site visit per week will be made by the Construction Sr. Project Manager to ensure the project is being administered properly and staff is equipped appropriately to ensure that observation and documentation is being performed.

3.0 Deliverables and Schedules Included in this Contract

For the purposes of this proposal/agreement COMPANY has estimated three (3) submittals to the CLIENT and two (2) submittals each to the Illinois Environmental Protection Agency and DuPage Division of Transportation. Submittals will consist of Plan Sheets, Specifications, and Opinion of Probable Construction Costs for the above noted Scope of Services.

Deliverables include mileage, prints, and postage per the HRG standard rate sheet. A total of sixteen (16) full size prints have been anticipated.

Anticipated Schedule:

- Notice to Proceed – May 21, 2013
- IEPA Permit Submittal – October 11, 2013
- Construction Document Advertise for Bids – December 16, 2013
- Bid Opening – January 31, 2014
- Project Bid Award (BOT Award) – February 18, 2014
- Construction Start – March 15, 2014
- Construction Completion – May 31, 2014

This schedule was prepared to include reasonable allowances for review and approval times required by the CLIENT and public authorities having jurisdiction over the project. This schedule shall be equitably adjusted as the project progresses, allowing for changes in the scope of the project requested by the CLIENT or for delays or other causes beyond the control of COMPANY.

4.0 Items not included in Agreement/Supplemental Services

The following items are not included as part of this agreement:

- Bid/Construction Documents include improvements behind the existing curb and within existing Right-of-way. No additional ROW or Temporary Construction Easements are anticipated and therefore are not included herein;
- Tree Species Survey*
- Landscaping Design Services*
- Permit/Platting Fees
- Construction Staking Services*
- Off-site material inspections;
- Detailed surveys or record drawings (other than those specified in the Scope of Services);
- Detailed measurements and calculations of pay item quantities;
- Pay estimate preparation;

Supplemental services not included in the agreement can be provided by COMPANY under separate agreement, if desired.

5.0 Services by Others

- Geotechnical Consultant – Three (3) Soil Borings and Report for CCDD identification. A maximum allowance of \$4,000.00 has been included.
- On-site Material testing. A maximum allowance of \$1,000.00 has been included.

6.0 Client Responsibilities

- A. The CLIENT shall provide all available atlas, engineering plans, and record drawings for the existing sanitary, storm, and water main within the project area.
- B. The CLIENT shall field locate and identify all existing water main and services (b-boxes) prior to COMPANY performing field topographical survey.
- C. The CLIENT shall provide standard specifications, details and contract documents.
- D. The CLIENT shall provide Public Water Supply System information necessary for the IEPA Permit Application Schedule B.
- E. The CLIENT shall provide timely and comprehensive review comments of proposed Bid/Construction Document submittals.

7.0 Professional Services Fee

7.1 Fees

The fee for services will be based on COMPANY standard hourly rates current at the time the agreement is signed. These standard hourly rates are subject to change upon 30

days' written notice. Non salary expenses directly attributable to the project such as: (1) living and traveling expenses of employees when away from the home office on business connected with the project; (2) identifiable communication expenses; (3) identifiable reproduction costs applicable to the work; and (4) outside services will be charged in accordance with the rates current at the time the work is done.

7.2 Invoices

Invoices for COMPANY's services shall be submitted, on a monthly basis. Invoices shall be due and payable upon receipt. If any invoice is not paid within 15 days, COMPANY may, without waiving any claim or right against the CLIENT, and without liability whatsoever to the CLIENT, suspend or terminate the performance of services. The retainer shall be credited on the final invoice. Accounts unpaid 30 days after the invoice date may be subject to a monthly service charge of 1.5% (or the maximum legal rate) on the unpaid balance. In the event any portion of an account remains unpaid 60 days after the billing, COMPANY may institute collection action and the CLIENT shall pay all costs of collection, including reasonable attorney's fees.

7.3 Extra Work

Any work required but not included as part of this contract shall be considered extra work. Extra work will be billed on a Time and Material basis with prior approval of the CLIENT.

7.4 Exclusion

This fee does not include attendance at any meetings or public hearings other than those specifically listed in the Scope of Services. These work items are considered extra and are billed separately on an hourly basis.

7.5 Payment

The CLIENT AGREES to pay COMPANY on the following basis:

Lump sum total in the amount of **\$70,875.00**

ITEM	TASK	MAN-HOURS	LABOR COST	DIRECT COST	SUB CONSULTING
Survey Services					
	Topographic Survey	61	\$ 6,400.00	\$ 170.00	
	Record Drawings	29	\$ 3,000.00	\$ 85.00	
Design Services					
	Project Administration	32	\$ 4,776.00		
	Plans and Specifications	112	\$15,392.00	\$ 650.00	
	Bid Documents	12	\$ 1,980.00		
	Permitting	20	\$ 2,712.00		
	Meetings (4 meetings)	12	\$ 2,130.00		
	Sub-Consultant – 3 Soil borings		36,390.00	\$ 905.00	\$ 4,000.00
	Subtotal Design Services:	188	<u>\$26,990.00</u>	<u>\$ 650.00</u>	
Construction Observation					
CO 03	Construction Observation	246	\$ 27,390.00	\$ 1,190.00	\$ 1,000.00

Totals:	524	\$ 63,780.00	\$ 2,095.00	\$ 5,000.00
			Contract Total:	\$ 70,875.00

8.0 Terms and Conditions

The following Terms and Conditions are incorporated into this AGREEMENT and made a part of it.

8.1 Standard of Care

Services provided by COMPANY under this AGREEMENT will be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing at the same time and in the same or similar locality.

8.2 Entire Agreement

This Agreement, and its attachments, constitutes the entire understanding between CLIENT and COMPANY relating to professional engineering services. Any prior or contemporaneous agreements, promises, negotiations, or representations not expressly set forth herein are of no effect. Subsequent modifications or amendments to this Agreement shall be in writing and signed by the parties to this Agreement. If the CLIENT, its officers, agents, or employees request COMPANY to perform extra work or services pursuant to this Agreement, CLIENT will pay for the additional services even though an additional written Agreement is not issued or signed.

8.3 Time Limit and Commencement of Work

This AGREEMENT must be executed within ninety (90) days to be accepted under the terms set forth herein. The work will be commenced immediately upon receipt of this signed Agreement.

8.4 Suspension of Services

If the Project or the COMPANY'S services are suspended by the CLIENT for more than thirty (30) calendar days, consecutive or in the aggregate, over the term of this Agreement, the COMPANY shall be compensated for all services performed and reimbursable expenses incurred prior to the receipt of notice of suspension. In addition, upon resumption of services, the CLIENT shall compensate the COMPANY for expenses incurred as a result of the suspension and resumption of its services, and the COMPANY'S schedule and fees for the remainder of the Project shall be equitably adjusted.

If the COMPANY'S services are suspended for more than ninety (90) days, consecutive or in the aggregate, the COMPANY may terminate this Agreement upon giving not less than five (5) calendar days' written notice to the CLIENT.

If the CLIENT is in breach of this Agreement, the COMPANY may suspend performance of services upon five (5) calendar days' notice to the CLIENT. The COMPANY shall have no liability to the CLIENT, and the CLIENT agrees to make no claim for any delay or damage as a result of such suspension caused by any breach of this Agreement by the CLIENT. Upon receipt of payment in full of all outstanding sums due from the CLIENT, or curing of such other breach which caused the COMPANY to suspend services, the COMPANY shall resume services and there shall be an equitable adjustment to the remaining project schedule and fees as a result of the suspension.

8.5 Book of Account

COMPANY will maintain books and accounts of payroll costs, travel, subsistence, field, and incidental expenses for a period of five (5) years. Said books and accounts will be available at all reasonable times for examination by CLIENT at the corporate office of COMPANY during that time.

8.6 Insurance

COMPANY will maintain insurance for claims under the Worker's Compensation Laws, and from General Liability and Automobile claims for bodily injury, death, or property damage arising from the negligent performance by COMPANY's employees of the functions and services required under this Agreement.

8.7 Termination or Abandonment

Either party has the option to terminate this Agreement. In the event of failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party, then the obligation to provide further services under this Agreement may be terminated upon seven days written notice. If any portion of the work is terminated or abandoned by CLIENT, the provisions of this Schedule of Fees and Conditions in regard to compensation and payment shall apply insofar as possible to that portion of the work not terminated or abandoned. If said termination occurs prior to completion of any phase of the project, the fee for services performed during such phase shall be based on COMPANY's reasonable estimate of the portion of such phase completed prior to said termination, plus a reasonable amount to reimburse COMPANY for termination costs.

8.8 Waiver

COMPANY's waiver of any term, condition, or covenant or breach of any term, condition, or covenant, shall not constitute a waiver of any other term, condition, or covenant, or the breach thereof.

8.9 Severability

If any provision of this Agreement is declared invalid, illegal, or incapable of being enforced by any Court of competent jurisdiction, all of the remaining provisions of this Agreement shall nevertheless continue in full force and effect, and no provision shall be deemed dependent upon any other provision unless so expressed herein.

8.10 Successors and Assigns

All of the terms, conditions, and provisions hereof shall inure to the benefit of and be binding upon the parties hereto, and their respective successors and assigns, provided, however, that no assignment of this Agreement shall be made without written consent of the parties to this Agreement.

8.11 Third-Party Beneficiaries

Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the CLIENT or the COMPANY. The COMPANY's services under this Agreement are being performed solely for the CLIENT's benefit, and no other party or entity shall have any claim against the COMPANY because of this Agreement or the performance or nonperformance of services hereunder. The CLIENT and COMPANY agree to require a similar provision in all contracts with contractors, subcontractors, subconsultants, vendors and other entities involved in this project to carry out the intent of this provision.

8.12 Governing Law and Jurisdiction

The CLIENT and the COMPANY agree that this Agreement and any legal actions concerning its validity, interpretation and performance shall be governed by the laws of the State of Illinois without regard to any conflict of laws provisions, which may apply the laws of other jurisdictions.

It is further agreed that any legal action between the CLIENT and the COMPANY arising out of this Agreement or the performance of the services shall be brought in a court of competent jurisdiction in the State of Illinois.

8.13 Dispute Resolution

Mediation. In an effort to resolve any conflicts that arise during the design or construction of the project or following the completion of the project, the CLIENT and COMPANY agree that all disputes between them arising out of or relating to this Agreement shall be submitted to non-binding mediation unless the parties mutually agree otherwise. The CLIENT and COMPANY further agree to include a similar mediation provision in all agreements with independent contractors and consultants retained for the project and to require all independent contractors and consultants also to include a similar mediation provision in all agreements with subcontractors, sub-consultants, suppliers or fabricators so retained, thereby providing for mediation as the primary method for dispute resolution between the parties to those agreements.

Arbitration. In the event the parties to this Agreement are unable to reach a settlement of any dispute arising out of the services under this Agreement, involving an amount of less than \$50,000, in Mediation, then such disputes shall be settled by binding arbitration by an arbitrator to be mutually agreed upon by the parties, and shall proceed in accordance with the Construction Industry Arbitration Rules of the American Arbitration

Association currently in effect. If the parties cannot agree on a single arbitrator, then the arbitrator(s) shall be selected in accordance with the above-referenced rules.

8.14 Attorney's Fees

If litigation arises for purposes of collecting fees or expenses due under this Agreement, the Court in such litigation shall award reasonable costs and expenses, including attorney fees, to the party justly entitled thereto. In awarding attorney fees, the Court shall not be bound by any Court fee schedule, but shall, in the interest of justice, award the full amount of costs, expenses, and attorney fees paid or incurred in good faith.

8.15 Ownership of Instruments of Service

All reports, plans, specifications, field data, field notes, laboratory test data, calculations, estimates and other documents including all documents on electronic media prepared by COMPANY as instruments of service shall remain the property of COMPANY. COMPANY shall retain these records for a period of five (5) years following completion/submission of the records, during which period they will be made available to the CLIENT at all reasonable times.

8.16 Reuse of Documents

All project documents including, but not limited to, plans and specifications furnished by COMPANY under this project are intended for use on this project only. Any reuse, without specific written verification or adoption by COMPANY, shall be at the CLIENT's sole risk, and CLIENT shall defend, indemnify and hold harmless COMPANY from all claims, damages and expenses including attorney's fees arising out of or resulting therefrom.

Under no circumstances shall delivery of electronic files for use by the CLIENT be deemed a sale by the COMPANY, and the COMPANY makes no warranties, either express or implied, of merchantability and fitness for any particular purpose. In no event shall the COMPANY be liable for indirect or consequential damages as a result of the CLIENT's use or reuse of the electronic files.

8.17 Failure to Abide by Design Documents or To Obtain Guidance

The CLIENT agrees that it would be unfair to hold COMPANY liable for problems that might occur should COMPANY'S plans, specifications or design intents not be followed, or for problems resulting from others' failure to obtain and/or follow COMPANY'S guidance with respect to any errors, omissions, inconsistencies, ambiguities or conflicts which are detected or alleged to exist in or as a consequence of implementing COMPANY'S plans, specifications or other instruments of service. Accordingly, the CLIENT waives any claim against COMPANY, and agrees to defend, indemnify and hold COMPANY harmless from any claim for injury or losses that results from failure to follow COMPANY'S plans, specifications or design intent, or for failure to obtain and/or follow COMPANY'S guidance with respect to any alleged errors, omissions, inconsistencies, ambiguities or conflicts contained within or arising as a result of implementing COMPANY'S plans, specifications or other instruments of services. The CLIENT also agrees to compensate COMPANY for any time spent and expenses incurred remedying CLIENT's failures according to COMPANY'S prevailing fee schedule and expense reimbursement policy.

8.18 Opinion of Probable Construction Cost

COMPANY shall submit to the CLIENT an opinion of probable cost required to construct work recommended, designed, or specified by COMPANY, if required by CLIENT. COMPANY is not a construction cost estimator or construction contractor, nor should COMPANY'S rendering an opinion of probable construction costs be considered equivalent to the nature and extent of service a construction cost estimator or construction contractor would provide. This requires COMPANY to make a number of assumptions as to actual conditions that will be encountered on site; the specific decisions of other design professionals engaged; the means and methods of construction the contractor will employ; the cost and extent of labor, equipment and materials the contractor will employ; contractor's techniques in determining prices and market conditions at the time, and other factors over which COMPANY has no control. Given the assumptions which must be made, COMPANY cannot guarantee the accuracy of his or her opinions of cost, and in recognition of that fact, the CLIENT waives any claim against COMPANY relative to the accuracy of COMPANY'S opinion of probable construction cost.

8.19 Design Information in Electronic Form

Because electronic file information can be easily altered, corrupted, or modified by other parties, either intentionally or inadvertently, without notice or indication, COMPANY reserves the right to remove itself from of

its ownership and/or involvement in the material from each electronic medium not held in its possession. CLIENT shall retain copies of the work performed by COMPANY in electronic form only for information and use by CLIENT for the specific purpose for which COMPANY was engaged. Said material shall not be used by CLIENT or transferred to any other party, for use in other projects, additions to this project, or any other purpose for which the material was not strictly intended by COMPANY without COMPANY's expressed written permission. Any unauthorized use or reuse or modifications of this material shall be at CLIENT'S sole risk. Furthermore, the CLIENT agrees to defend, indemnify, and hold COMPANY harmless from all claims, injuries, damages, losses, expenses, and attorney's fees arising out of the modification or reuse of these materials.

The CLIENT recognizes that designs, plans, and data stored on electronic media including, but not limited to computer disk, magnetic tape, or files transferred via email, may be subject to undetectable alteration and/or uncontrollable deterioration. The CLIENT, therefore, agrees that COMPANY shall not be liable for the completeness or accuracy of any materials provided on electronic media after a 30 day inspection period, during which time COMPANY shall correct any errors detected by the CLIENT to complete the design in accordance with the intent of the contract and specifications. After 40 days, at the request of the CLIENT, COMPANY shall submit a final set of sealed drawings, and any additional services to be performed by COMPANY relative to the submitted electronic materials shall be subject to separate AGREEMENT. The CLIENT is aware that differences may exist between the electronic files delivered and the printed hard-copy construction documents. In the event of a conflict between the signed construction documents prepared by the COMPANY and electronic files, the signed or sealed hard-copy construction documents shall govern.

8.20 Information Provided by Others

The CLIENT shall furnish, at the CLIENT's expense, all information, requirements, reports, data, surveys and instructions required by this AGREEMENT. The COMPANY may use such information, requirements, reports, data, surveys and instructions in performing its services and is entitled to rely upon the accuracy and completeness thereof. The COMPANY shall not be held responsible for any errors or omissions that may arise as a result of erroneous or incomplete information provided by the CLIENT and/or the CLIENT's consultants and contractors.

COMPANY is not responsible for accuracy of any plans, surveys or information of any type including electronic media prepared by any other consultants, etc. provided to COMPANY for use in preparation of plans. The CLIENT agrees, to the fullest extent permitted by law, to indemnify and hold harmless the COMPANY from any damages, liabilities, or costs, including reasonable attorneys' fees and defense costs, arising out of or connected in any way with the services performed by other consultants engaged by the CLIENT.

COMPANY is not responsible for accuracy of topographic surveys provided by others. A field check of a topographic survey provided by others will not be done under this contract unless indicated in the Scope of Work.

8.21 Force Majeure

The CLIENT agrees that the COMPANY is not responsible for damages arising directly or indirectly from any delays for causes beyond the COMPANY's control. CLIENT agrees to defend, indemnify, and hold COMPANY, its consultants, agents, and employees harmless from any and all liability, other than that caused by the negligent acts, errors, or omissions of COMPANY, arising out of or resulting from the same. For purposes of this Agreement, such causes include, but are not limited to, strikes or other labor disputes; severe weather disruptions or other natural disasters or acts of God; fires, riots, war or other emergencies; failure of any government agency to act in timely manner; failure of performance by the CLIENT or the CLIENT'S contractors or consultants; or discovery of any hazardous substances or differing site conditions. Severe weather disruptions include but are not limited to extensive rain, high winds, snow greater than two (2) inches and ice. In addition, if the delays resulting from any such causes increase the cost or time required by the COMPANY to perform its services in an orderly and efficient manner, the COMPANY shall be entitled to a reasonable adjustment in schedule and compensation.

8.22 Job Site Visits and Safety

Neither the professional activities of COMPANY, nor the presence of COMPANY'S employees and subconsultants at a construction site, shall relieve the General Contractor and any other entity of their obligations, duties and responsibilities including, but not limited to, construction means, methods, sequence, techniques or procedures necessary for performing, superintending or coordinating all portions of the work of construction in accordance with the contract documents and any health or safety precautions required by any

regulatory agencies. COMPANY and its personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions. The CLIENT agrees that the General Contractor is solely responsible for job site safety, and warrants that this intent shall be made evident in the CLIENT's AGREEMENT with the General Contractor. The CLIENT also agrees that the CLIENT, COMPANY and COMPANY'S consultants shall be indemnified and shall be made additional insureds on the General Contractor's and all subcontractor's general liability policies on a primary and non-contributory basis.

8.23 Hazardous Materials

CLIENT hereby understands and agrees that COMPANY has not created nor contributed to the creation or existence of any or all types of hazardous or toxic wastes, materials, chemical compounds, or substances, or any other type of environmental hazard or pollution, whether latent or patent, at CLIENT's premises, or in connection with or related to this project with respect to which COMPANY has been retained to provide professional engineering services. The compensation to be paid COMPANY for said professional engineering services is in no way commensurate with, and has not been calculated with reference to, the potential risk of injury or loss which may be caused by the exposure of persons or property to such substances or conditions. Therefore, to the fullest extent permitted by law, CLIENT agrees to defend, indemnify, and hold COMPANY, its officers, directors, employees, and consultants, harmless from and against any and all claims, damages, and expenses, whether direct, indirect, or consequential, including, but not limited to, attorney fees and Court costs, arising out of, or resulting from the discharge, escape, release, or saturation of smoke, vapors, soot, fumes, acid, alkalies, toxic chemicals, liquids gases, or any other materials, irritants, contaminants, or pollutants in or into the atmosphere, or on, onto, upon, in, or into the surface or subsurface of soil, water, or watercourses, objects, or any tangible or intangible matter, whether sudden or not.

It is acknowledged by both parties that COMPANY'S scope of services does not include any services related to asbestos or hazardous or toxic materials. In the event COMPANY or any other party encounters asbestos or hazardous or toxic materials at the job site, or should it become known in any way that such materials may be present at the job site or any adjacent areas that may affect the performance of COMPANY'S services, COMPANY may, at its option and without liability for consequential or any other damages, suspend performance of services on the project until the CLIENT retains appropriate specialist consultant(s) or contractor(s) to identify, abate and/or remove the asbestos or hazardous or toxic materials, and warrants that the job site is in full compliance with applicable laws and regulations.

Nothing contained within this Agreement shall be construed or interpreted as requiring COMPANY to assume the status of a generator, storer, transporter, treater, or disposal facility as those terms appear within the Resource Conservation and Recovery Act, 42 U.S.C.A., §6901 et seq., as amended, or within any State statute governing the generation, treatment, storage, and disposal of waste.

8.24 Certificate of Merit

The CLIENT shall make no claim for professional negligence, either directly or in a third party claim, against COMPANY unless the CLIENT has first provided COMPANY with a written certification executed by an independent design professional currently practicing in the same discipline as COMPANY and licensed in the State in which the claim arises. This certification shall: a) contain the name and license number of the certifier; b) specify each and every act or omission that the certifier contends is a violation of the standard of care expected of a Design Professional performing professional services under similar circumstances; and c) state in complete detail the basis for the certifier's opinion that each such act or omission constitutes such a violation. This certificate shall be provided to COMPANY not less than thirty (30) calendar days prior to the presentation of any claim or the institution of any judicial proceeding.

8.25 Limitation of Liability

The CLIENT agrees, to the fullest extent permitted by law, to limit the liability of COMPANY and COMPANY'S officers, directors, partners, employees, shareholders, owners and subconsultants to the CLIENT for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, including attorneys' fees and costs and expert witness fees and costs, so that the total aggregate liability of COMPANY and its officers, directors, partners, employees, shareholders, owners and subconsultants to all those named shall not exceed COMPANY'S total fee received for services rendered on this project or \$50,000.00, whichever is less. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.

8.26 Drywells, Underdrains and Other Infiltration Devices

Services provided by COMPANY under this AGREEMENT do NOT include the geotechnical design of drywells, underdrains, injection wells or any other item that may be devised for the purpose of removing water from the CLIENT'S property by infiltration into the ground. Due to the high variability of soil types and conditions such devices will not be reliable in all cases. While for this reason COMPANY does not recommend the use of these devices, in some cases their use may be necessary to obtain an adequate amount of area for development on the CLIENT'S property. Since the use of these devices is intended to enhance the value of the CLIENT'S property and, in some cases, allow development that would otherwise not be possible, the CLIENT will assume all risks inherent in the design and construction of these devices, unless the contractor or a Geotechnical Engineer assumes these risks. Typical risks include but are not limited to:

- Failure to obtain the required release rate;
- Variability of the soils encountered during construction from those encountered in soil borings. (Soils can vary widely over a small change in location, horizontal or vertical, particularly with regards to permeability);
- Failure of the device due to siltation, poor construction or changes in the water table;
- Need to obtain additional soils information (i.e. borings etc.) to evaluate the function of installed devices;
- Reconstruction of failed or inadequate devices;
- Enlargement of detention/ retention facilities to make up for release rates that are lower than those used in the stormwater design, including engineering design and additional land required for such enlargement; and
- Regular maintenance to remove accumulated silt over the device's life span.

If the use of these devices is required COMPANY will advise the CLIENT that a Geotechnical Engineer must be retained to consult on the project. The CLIENT must enter into a separate agreement directly with this consultant. They will not be sub-contracted through COMPANY nor are their fees included as part of this AGREEMENT. COMPANY will work together with this consultant to obtain a final design. Our collaboration may include the use of a common standard detail or the creation of a new standard detail. COMPANY may make suggestions to the Geotechnical Engineer on ways to tailor these devices to meet the needs of the overall site design. The Geotechnical Engineer will evaluate these suggested details and modifications based on his experience and measured soils information to estimate the release rate for each detail considered. COMPANY may use a release rate of these devices as provided by the Geotechnical Engineer for the design of the stormwater system. This rate may be faxed to us, as a draft copy of the Geotechnical Engineers report or as a final copy of that report. In no case will COMPANY accept responsibility for the determination of the expected release rate of these devices.

If certification of the contractor's construction of these devices is required by the municipality or desired by the CLIENT a Geotechnical Engineer must also be obtained for these services. This is highly recommended in order to observe the actual soils where the devices are being constructed and to verify that the construction methods used do not violate any assumptions made by the Geotechnical Engineer during the design and evaluation of the standard detail. If a Geotechnical Engineer is not retained by the CLIENT to provide construction review, the CLIENT shall assume all risks that the devices may fail requiring additional geotechnical investigation or reconstruction and shall defend, indemnify and hold harmless COMPANY from all claims, damages and expenses including attorney's fees arising out of or resulting therefrom. Any construction observation services provided by COMPANY shall not include these devices.

This AGREEMENT is approved and accepted by the CLIENT and COMPANY upon both parties signing and dating the AGREEMENT. Work cannot begin until COMPANY receives a signed agreement. The effective date of the AGREEMENT shall be the last date entered below.

Sincerely,

HR GREEN, INC.



T. Scott Creech, P.E.
Site Manager

Approved by:

Printed/Typed

Name:



Jamal Awad, PhD, P.E., BCEE

Vice President

Title: Water Practice Leader

Date:

4/30/13

Village of Hinsdale, Illinois

Accepted by: _____

Printed/Typed Name: _____

Title: _____ Date: _____

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Daniel Deeter

From: Carolyn Sprawka [csprawka@rsaengr.com]
Sent: Tuesday, April 30, 2013 8:19 AM
To: Daniel Deeter
Cc: Jim Bibby; Dan Watson
Subject: 2013-14 Water Main Improvement Project Proposal
Attachments: 2013-14 Hinsdale Water Main Proposal.pdf

Dear Mr. Deeter,

Attached is proposal for above referenced project. Please e-mail to confirm receipt or if you have any questions.

Thank you,

Carolyn Sprawka
Rempe-Sharpe and Associates, Inc.
324 W. State Street
Geneva, IL 60134

630-232-0827 X 13

RECEIVED
104 4/30/13

4/30/2013



REMPE-SHARPE
& Associates, Inc.

Principals

J. Bibby
D. A. Watson

P.E., S.E.
P.E.

B. Bennett
D. Ranney
J. Whitt

P.E., CFM
P.E., LEED AP
P.E., P.L.S., CFM

CONSULTING ENGINEERS

324 West State Street
Geneva, Illinois 60134
Phone: 630/232-0827 – Fax: 630/232-1629

April 29, 2013

Village of Hinsdale
19 East Chicago Avenue
Hinsdale, IL 60521-3489

Attn: Dan Deeter, P.E.
Village Engineer

Re: 2013-14 Water Main Improvement Project Proposal
Hinsdale, Illinois

Dear Mr. Deeter,

Please find attached our Proposal for Design and Construction Engineering Services in support of the Village of Hinsdale's 2013-14 Water Main Improvement Project. It is our understanding that the Project will reconstruct approximately 1,650 lineal feet of water main replacement on Garfield Street and Fuller Road.

Rempe-Sharpe shall 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. Rempe-Sharpe will also comply with all laws of the United States, State of Illinois and all Ordinances and Regulations of the Village of Hinsdale in the performance of the work for this Project. Rempe-Sharpe is a registered Professional Engineering Company in Illinois (License No. 184.000895).

Our Scope of Consultant Services to be provided include preliminary and final design, specifications, preparation of contract documents, coordination and management of the permit process including (but not limited to) IEPA - Water Supply, managing the bid cycle process and construction Resident Engineer services.

A. PROJECT SCOPE OF PROFESSIONAL SERVICES

1. The project consists of water main replacement on Garfield Street from 55th to 57th Streets and water main replacement on Fuller Road from Justina to Mills Streets.
2. Additionally, the project also includes patching of the utility trench and, if budget allows, resurface the entire road width in the construction area.

3. The Village and Rempe-Sharpe will jointly identify the exact limits of water main construction in the field. Engineering plans will note water main at intersections should extend into the cross street's radius returns. Specifications will note a time limit between milling and re-paving.
4. Rempe-Sharpe has provided a project schedule from the Village's RFP (see Period of Service - Item E.)
5. Design considerations include a directional bore under 55th Street and coordination with DuPage DOT as well as an existing water main stub at Garfield and 55th Street.
6. Rempe-Sharpe will conduct detailed field surveys as necessary to provide the appropriate construction drawings. All surveys will use the NAVD 88 datum.
7. During design engineering, Rempe-Sharpe will conduct three (3) – 8' depth soil borings.
8. Rempe-Sharpe will identify areas that may cause CCDD material rejections (LUSTs, PIPs, etc.) and develop specifications to account for the contractor's management and handling of rejected material.
9. Plans and specifications shall reference the Standard Specifications for Road and Bridge.
10. Rempe-Sharpe will design water and sewer mains in accordance with (IAW) the Standard Specifications for Water & Sewer Main Construction in Illinois and the Village of Hinsdale requirements. Rempe-Sharpe will provide recommendations for the use of open cut and trenchless construction where applicable.
11. Existing driveway aprons and sidewalks will remain unless disturbed by other construction activities.
12. Impact to existing trees will be considered during the design. Tree protection measures, such as root pruning, tree fencing and/or trunk protection, will be specified to protect trees during construction.
13. All effected parkways will be restored with new sod.
14. Rempe-Sharpe will provide a detailed engineer's opinion of probable construction costs.
15. Rempe-Sharpe will coordinate the design with all public and private utilities.

16. Rempe-Sharpe will provide bidding services including preparation, printing and distribution of bid/construction documents, verifying bid prices, contractor recommendations, attendance at bid opening, summarizing all bids received and verification of bid documents.
17. Rempe-Sharpe will provide a Resident Engineer for the duration of the project. The Resident Engineer shall be on-site when water main is being constructed or tested, and will coordinate approximately 30% observation when landscaping restoration, or miscellaneous work is on-going. The Resident Engineer responsibilities includes, but are not limited to:
 - A. Attendance at project meetings including, but not limited to, pre-bid, pre-construction, and weekly construction meetings.
 - B. On-site observation of the contractor's operations to ensure conformance with the contract documents.
 - C. Maintain a project diary and provide weekly progress reports. Keep field notes for documentation of payable work as well as allow for verification of the contractor's submitted Record Drawings. Rempe-Sharpe resident engineer will advise the Village of any changes or conditions that impact the project in a timely manner.
 - D. Serve as the Village's liaison with the Contractor, public/private utilities, various jurisdictional agencies.
 - E. Documentation of quantities, quality assurance, arranging for materials testing, and other documentation as may be required by IDOT standards.
 - F. Daily review and inspect traffic control items and erosion control plan implementation / maintenance.
 - G. Alert the contractor's field superintendent if it comes to the Resident's attention that unapproved materials or equipment are being used and advise the Village of such occurrences.
 - H. Coordinate Contractor's responsibility to meet the requirements of Public Act 96-1416 to include certification of the site of origin and ensuring that all construction debris taken from the site is monitored by a photo-ionization detector (PID) for volatile chemicals.
 - I. Review and provide recommendations to the Village concerning applications for payment by the contractor and change order requests.

- J. Upon substantial completion, inspect the improvements, develop and monitor completion of the final punch-list, handle paperwork associated with appropriated funds, and paperwork to close-out the project.
 - K. Coordinate with the contractor for contractor to provide a complete set of record drawings.
 - L. Track project costs.
 - M. Monitor and inform the Village Engineer of any change to the construction contractor's scope of work to support the Village of Hinsdale Infrastructure Change Order Policy.
 - N. Provide a pre-construction video of the construction site and adjacent property features.
 - O. Assist the Village with Village's resident notifications.
 - P. Coordinate with Village Public Services for utility conflicts, main breaks, water main filling/flushing, IEPA interim record drawings, etc. as necessary.
18. Rempe-Sharpe will inform the Village of any perceived changes to the scope of the Engineering Services Contract in a timely manner prior to the execution of the action/activity.
19. Contractor will provide the Village of Hinsdale a copy of Final Construction Documents and Record Drawings (AutoCAD format for plans and Word format for specifications) as well as project files, at the completion of the project.

Our not-to-exceed fee for Design, Borings, Materials testing and Construction Phase Resident Engineering Scope as itemized above shall be hourly, not to exceed

Design (w/Topo & Base Sheets).....	\$ 17,500.00
Materials Testing.....	\$ 3,700.00
Construction Phase Engineering.....	\$ 21,100.00
Travel, Prints, Miscellaneous Expenses (Design).....	\$ <u>2,700.00</u>

TOTAL PROEJCT NOT TO EXCEED ENGINEERING BUDGET \$45,000.00

B. EXCLUSIONS

The scope and fee itemized excludes detailed line and grade staking (to be provided by Contractor), borings to be the depth as noted, as-Built information to be provided by Contractor for plot by Engineer. Scope does not require stormwater or hydraulic study.

C. ADDITIONAL SERVICES

Owner shall pay Engineer for any Additional Services rendered under this Agreement as follows:

- For additional services which are performed by the Engineer and his Staff, the Owner shall pay the Engineer at the Engineer's Hourly Rates and Expense Charges as stipulated in EXHIBIT "A" attached to this Agreement. Full payment shall be due and payable upon receipt of a detailed statement from the Engineer.
- For additional services which are not normally performed by the Engineer and are subcontracted to other parties, the Engineer shall be paid all his actual costs and expenses. Full payment shall be due and payable upon receipt of a detailed statement from the Engineer.

D. DEFINITION OF DIRECT PROJECT EXPENSES

Direct Project Expenses shall mean the actual expenses incurred by the Engineer directly or indirectly in connection with the Project for subsistence and transportation costs, postage, reproduction of reports, Drawings, Specifications and similar project related documents, and construction staking supplies.

E. PERIOD OF SERVICE

The Project Schedule shall follow milestone dates as requested:

Construction Documents & Permitting	May 2013-November 2013
Advertise for Bids	December 16, 2013
Open Construction Bids	January 31, 2014
Construction Begins	March 15, 2014
Construction Completed	May 31, 2014

The provisions of this Agreement specifying compensation fees to be paid the Engineer for services rendered have been agreed to in anticipation of the orderly and continuous progress of the Project.

F. OWNER'S RESPONSIBILITIES

The Village of Hinsdale shall assist the Engineer by placing at his disposal all available information pertinent to the Project including previous reports and any other data relative to construction of the Project.

Village of Hinsdale shall furnish to the Engineer, as required for performance of Engineer's Basic Construction Phase Services, data prepared by or services of others including without limitation borings and subsurface explorations, hydrographic surveys, laboratory tests and inspections of samples, material and equipment; appropriate professional interpretations of all of the foregoing; environmental assessment and impact statements; property, boundary,

easement, right-of-way, topographic and utility surveys. All of which Engineer shall rely upon to complete the construction phase scope.

Arrange for access to and make all provisions for the Engineer to enter upon public and private property as required for the Engineer to perform his construction phase services.

Examine all studies, reports, sketches, drawings, specifications, proposals and other documents presented by the Engineer, and render decisions pertaining thereto within a reasonable time so as not to delay the services of the Engineer as construction of the 2013 Reconstruction Project progresses.

Designate a person to act as the Owner's Representative with respect to the services to be rendered under this Agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define the Owner's policies and decision with respect to materials, equipment, elements and systems pertinent to the Engineer's services. (It is the understanding of the Engineer that Mr. Dan Deeter, P.E., and Mr. Al Diaz shall act as the Village of Hinsdale representatives on this project.)

Give prompt written notice to the Engineer whenever the Owner observes or otherwise becomes aware of any development that affects the scope or timing of the Engineer's services.

Furnish, or direct the Engineer to provide, necessary Additional Services as stipulated in this Agreement or other services as required.

Require the construction contractor(s) who implement Engineer's designs, drawings and specifications to name the Engineer as additional insured while construction work is in progress.

G. TERMINATION

This Agreement may be terminated by Owner at its sole discretion upon thirty (30) days written notice. In addition, the Agreement may be terminated by either party upon thirty (30) days written notice in the event of substantial failure to perform in accordance with the terms hereof by the other party through no fault of the terminating party. In the event of termination hereunder, Engineer shall be paid for all services actually performed to the date of termination.

H. GENERAL CONSIDERATIONS

1. REUSE OF DOCUMENTS

All documents including Inspector Daily Reports, Shop Drawings, Materials Testing Reports and miscellaneous construction phase documents prepared by Engineer pursuant to this Agreement are instruments of service in respect of the Project. They are not intended or represented to be suitable for reuse by Owner or others on extension of the Project or on any other project. Any reuse without written verification or adaptation by Engineer for the specific purpose intended will be at Owner's sole risk and without liability or legal exposure

to Engineer; and Owner shall indemnify and hold harmless Engineer from all claims, damages, losses and expenses including attorney's fees arising or resulting therefrom. Any such verification or adaptation will entitle Engineer to further compensation at rates to be agreed upon by Owner and Engineer.

2. CONTROLLING LAW

This Agreement is to be governed by applicable laws of the State of Illinois.

3. SUCCESSORS AND ASSIGNS

Owner and Engineer each binds himself and his partners, successors, executors, administrators, assigns and legal representatives to the other party to this Agreement and to the partners, successors, executors, administrators, assigns and legal representatives of such other party, in respect to all covenants, agreements and obligations of this Agreement.

Neither Owner nor Engineer shall assign, sublet or transfer any rights under or interest in (including, but without limitation, moneys that may become due or moneys that are due) this Agreement without the written consent of the other, except as stated above and except to the extent that the effect of this limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assigner from any duty or responsibility under this Agreement. Nothing contained in this paragraph shall prevent Engineer from employing such independent consultants, associates and subcontractors as he may deem appropriate to assist him in the performance of services hereunder. Nothing herein shall be construed to give any rights or benefits hereunder to anyone other than Owner and Engineer.

Village of Hinsdale
Attn: Mr. Dan Deeter, P.E.

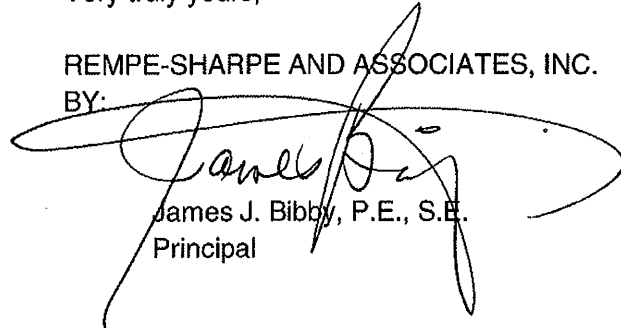
2013-14 Water Main Improvement Project Proposal
April 29, 2013
Page 8 of 9

If this engineering proposal meets with your approval, please sign in the space provided and return a signed copy to us. This proposal is open to acceptance until May 31, 2013.

Very truly yours,

REMPE-SHARPE AND ASSOCIATES, INC.

BY:

A large, stylized handwritten signature in black ink, appearing to read "James J. Bibby", is written over the printed name and title.

James J. Bibby, P.E., S.E.
Principal

This proposal from Rempe-Sharpe & Associates, Inc. setting forth certain Construction Phase Engineering Services and Fees relative to the Hinsdale FY 2013-14 Water Main Improvement Project is hereby accepted and Rempe-Sharpe is authorized to proceed with design services.

Signed this _____ day of _____, 2013

By: _____
Mr. Dan Deeter, P.E. Date

Attest: _____
Date

EXHIBIT "A"

**SCHEDULE OF ENGINEERING SERVICE CHARGES BY
REMPE-SHARPE AND ASSOCIATES, INC.**

**EFFECTIVE TIME PERIOD FOR THIS SCHEDULE:
JANUARY 1, 2013 TO DECEMBER 31, 2013**

A-1 SCHEDULE OF ENGINEER'S HOURLY RATE CHARGES

<u>EMPLOYEE CLASSIFICATION</u>	<u>MAXIMUM HOURLY RATE</u>
PRINCIPAL ENGINEER	\$126.50/HR
SENIOR PROJECT ENGINEER	\$103.00/HR
PROJECT ENGINEER	\$99.50/HR
DESIGN OR CONSTRUCTION ENGINEER (GRADE 1)	\$93.50/HR
DESIGN OR CONSTRUCTION ENGINEER (GRADE 2)	\$80.50/HR
DESIGN TECHNICIAN (GRADE 1)	\$80.50/HR
DESIGN TECHNICIAN (GRADE 2)	\$65.00/HR
CADD DRAFTING TECHNICIAN (GRADE 1)	\$68.00/HR
DRAFTING TECHNICIAN (GRADE 2)	\$55.50/HR
DRAFTING TECHNICIAN (GRADE 3)	\$42.00/HR
SURVEYING PARTY CHIEF	\$75.00/HR
SURVEYING TECHNICIAN (GRADE 1)	\$61.00/HR
SURVEYING TECHNICIAN (GRADE 2)	\$42.00/HR
CONSTRUCTION INSPECTOR (GRADE 1)	\$76.50/HR
CONSTRUCTION INSPECTOR (GRADE 2)	\$66.00/HR
CONSTRUCTION TECHNICIAN	\$52.00/HR
ADMINISTRATIVE ASSISTANT	\$59.00/HR
CLERK TYPIST	\$45.00/HR

A-2 COMPENSATION FOR DIRECT PROJECT REIMBURSABLE COSTS

THE ENGINEER SHALL BE REIMBURSED AT HIS ACTUAL COST FOR ALL EXPENSES AND/OR COSTS INCURRED DIRECTLY OR INDIRECTLY IN CONNECTION WITH THIS PROJECT, SUCH AS PRINTING, TRAVEL, STAKING SUPPLIES, ETC.

THE ENGINEER'S REIMBURSEMENT FOR TRAVEL EXPENSES SHALL BE IRS STANDARD PER MILE OF TRAVEL.

A-3 COMPENSATION FOR SUB-CONTRACTED SERVICES

THE ENGINEER SHALL BE REIMBURSED FOR ALL COSTS AND EXPENSES INCURRED BY THE ENGINEER FOR ALL SERVICES NOT NORMALLY PERFORMED BY THE ENGINEER WHICH ARE SUB-CONTRACTED TO OTHER PARTIES WITH THE OWNER'S APPROVAL.

Letter of Transmittal

RJN Group, Inc.
200 West Front Street
Wheaton, Illinois 60187
630.682.4700

TO:
Village of Hinsdale, Illinois
19 East Chicago Avenue
Hinsdale, Illinois 60521
630-789-7000

Date: 4/29/13 Job No. BID11-0001
Attn: Mr. Daniel M. Deeter, P.E.,
Village Engineer

RECEIVED
VOK 4/30/13
4:10:30 AM

We are sending you ☐ Attached ☐ Under Separate Cover Via _____ the following items:
☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of Letter ☐ Change Order ☐ _____

Copies	Date	No.	Description-
	4/29/13	1	A Proposal for Professional Engineering Services FY 2013-14 Water Main Improvement Project Hinsdale, Illinois Date due: April 30, 2013 by Noon
			Shipped by UPS for 10:30 a.m. delivery on 4/30/13

These are Transmitted as checked below:

- ☐ For Approval ☐ Approved as Submitted ☐ Resubmit _____ Copies for Approval
☐ For your use ☐ Approved as Noted ☐ Submit _____ Copies for Distribution
☐ As Requested ☐ Returned for Corrections ☐ Return _____ Corrected Prints
☐ For Review and Comment ☐ _____
☐ FOR BIDS DUE _____ 20 _____ ☐ Prints Returned After Loan to Us

Remarks _____

Copy to: _____ Signed: Michael Young / Zachary Matyja

April 29, 2013

Mr. Daniel M. Deeter, P.E.
Village Engineer
Village of Hinsdale
19 East Chicago Avenue
Hinsdale, Illinois 60521-3431

SUBJECT: PROPOSAL FOR PROFESSIONAL ENGINEERING SERVICES
FY 2013-14 WATER MAIN IMPROVEMENT PROJECT

Dear Mr. Deeter:

RJN Group, Inc. (RJN) is pleased to submit this proposal to the Village of Hinsdale (Village) for the engineering design and construction services for the 2013-14 Village Water Main Improvement Project.

RJN, founded in headquartered in Wheaton, Illinois is a consulting engineering and specialized field services firm. We specialize in providing underground utility engineering services especially with our use of innovative design concepts centered on trenchless technology. As the 2012 *Trenchless Technology* magazine, 12th ranked engineering firm for trenchless design nationally, our experience includes all methods of trenchless repair and replacement.

Our recent water main experience includes many local municipalities in DuPage County as well as surrounding areas, including Villa Park, Wood Dale, and Rolling Meadows. We would be happy to provide references to these and other projects at your request. Timothy Grimm, P.E. will be the project manager for RJN Group for this project. Tim brings substantial water main design experience to the design team.

PROJECT UNDERSTANDING AND APPROACH

The Village completes an annual Water Main Improvement Project. This year's project includes approximately 1,650 feet of water main replacement along three city blocks in two locations. The two locations are:

1. Garfield Street from 55th Street to 57th Street (approximately 1,320 feet); and
2. Fuller Road from Justina Street to Mills Street (approximately 330 feet).

The Village has indicated that the selected engineering firm will be responsible for preliminary engineering, site survey and soil borings, final engineering design, bidding assistance, and Phase III construction engineering services.

RJN will work with the Village on the following aspects of the work to ensure that the project meets the requirements and expectations of the Village:

Page 2

Mr. Daniel M. Deeter, P.E.

April 29, 2013

1. Location and size of new water main;
2. Connections and tie-backs into existing water mains;
3. Location and styles of new valves and vaults;
4. Removal and replacement of existing fire hydrants and auxiliary valves, and the addition of additional as required to comply with fire protection regulations; and
5. The transfer services from existing water main to the new water main, including the replacement of the service lines and valves as requested by the Village.

In addition to the water main replacement, the Village would like the following items included in the design:

1. Full-width pavement resurfacing within the construction limits, if funds are available;
2. ADA improvements of sidewalks on resurfaced streets;
3. Spot-repairs of curb and gutter within the construction area; and
4. Restoration of brick manholes, valve vaults, inlets, and other utility structures requiring improvements within the construction area.

The Village has noted that the selected engineering firm will provide an engineering design of a directional bore under 55th Street and connection to an existing stub at this intersection. As 55th Street is DuPage County Highway 35, work completed within the 55th Street right-of-way will require coordination with the DuPage DOT. RJN is currently completing the third water main replacement program for the Village of Wood Dale on Addison Road (DuPage County Highway 22), and thus has experience working with the DuPage DOT on projects of this nature.

PROPOSED SCOPE OF SERVICES

Our proposed scope of services is as follows:

1. A project kick-off meeting will be held with the Village and RJN to discuss the details of the project scope and limits.
2. Record drawings and utility atlases of the project site will be obtained from the Village as available. RJN will also complete a Design Stage Request through JULIE and follow-up with the underground utility owners for utility atlases.
3. RJN will review existing curb and gutter and utility structures within the project area for rehabilitation and replacement.
4. A detailed topographic field survey will be conducted by a qualified surveying firm to collect the horizontal and vertical locations for each element including curb and gutter, driveways, sidewalks, trees, large shrubs, utilities, inverts for storm and sanitary sewer, depth of water main at valve locations, and ground elevations. Control points and benchmarks to be used during construction will also be established. Plans will be prepared at 1" = 20' scale. Survey will use the NAVD 88 datum.

Page 3

Mr. Daniel M. Deeter, P.E.

April 29, 2013

5. RJN will obtain geotechnical testing services, including three soil borings to determine soil bearing conditions within the ROW. A review of the Huff & Huff environmental records search will be completed. At each boring location, pH testing will be completed. This proposal does not include follow-up environmental testing should it be required.
6. RJN and Village staff will meet with DuDOT to discuss the construction options within their right-of-way as well as the directional bore under 55th Street.
7. Prior to proceeding with the detailed design, a preliminary alignment plan (30% completion) will be presented to the Village for review, discussion, and approval.
8. RJN will prepare project plans, including traffic control plans as required by DuDOT.
9. RJN will prepare front-end documents and technical specifications based on IDOT Standard Specifications and Supplemental Specifications, Village of Hinsdale engineering design standards and standard details, and the latest ADA state and federal standards. Additionally, the Standard Specifications for Water and Sewer Main Construction in Illinois will be incorporated into the design. As this project will be funded by Village funds, MFT paperwork is not included in this proposal.
10. RJN will prepare a schedule of quantities together with an anticipated construction cost (including a contingency).
11. RJN will provide to the Village a pre-final set of plans, specifications, and an opinion of probable construction cost for review at the 60% completion stage, and again at 90% completion prior to submitting for permits.
12. On receipt of final mark-ups from the Village, RJN will prepare the final set and forward plans and specifications with the water permit application to IEPA, and permit application forms and plans for DuDOT. (The Contractor will obtain the DuDOT permit but the County requires that the terms of the permit be contained within the specifications.)
13. RJN will undertake bidding services including contacting prospective bidders, preparation, printing, and distribution of bidding and construction documents, answering questions, attending a pre-bid meeting (if required), attending the bid opening, tabulating and verifying bids, and providing a recommendation of award to the Village.
14. RJN will provide a full-time Resident Engineer for the duration of the project. This proposal is based on 240-hours of on-site Resident Engineer (RE) services. The RE services include those outlined in Item 19 of the Project Details section provided in the RFP.

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Mr. Daniel M. Deeter, P.E.

April 29, 2013

15. RJN will prepare for the Village a set of final construction documents in original AutoCAD and Microsoft Word format. RJN will prepare and provide record drawings from the contractor's as-built plans.

SCHEDULE

RJN is prepared to begin work on this important project upon a notice to proceed from the Village and is prepared to meet the dates outlined in the schedule provided in the Request for Proposal (RFP).

PROPOSED FEE

This scope of services will be provided on a time and materials basis with a not-to-exceed cost of \$71,805 as outlined in the attached Summary of Engineering Services Fees. Please note that the proposed fee is based on a total of 240 hours of on-site observation of the contractor's operations.

It is our pleasure to submit this proposal to the Village of Hinsdale. Please feel free to contact us at (630) 682-4700 if you would like to discuss this proposal in detail. We are looking forward to the opportunity to begin working with the Village on this important project.

Sincerely yours,

RJN Group, Inc.



Michael N. Young, P.E.
Branch Manager



Zachary J. Matyja, P.E.
Client Manager

VILLAGE OF HINSDALE
FY 2013-14 WATER MAIN IMPROVEMENT PROJECT
Summary of Engineering Services Fees

LABOR COSTS

Task No.	Task Description	\$ 165 QC	\$ 120 PM	\$ 100 PE	\$ 90 RE	\$ 80 EI	\$ 75 CD	\$ 60 FT	\$ 55 CL	Total Hours	Total Cost
Task 1 - DESIGN											
1001	Survey and Utility Coordination and Preliminary Investigations	-	4	-	-	2	8	4	2	20	\$ 1,590
1002	Permitting - DuDOT, IEPA	2	8	4	-	16	-	-	-	30	\$ 2,970
1003	Final Design - Plans (≈1,650 ft)	4	24	8	-	16	96	-	2	150	\$ 12,930
1004	Final Design - Specifications	4	12	2	-	40	-	-	8	66	\$ 5,940
1005	Final Design - Quantities and Costs	1	2	-	4	-	12	-	-	19	\$ 1,665
1006	Project Coordination and Management	4	16	-	-	2	-	-	4	26	\$ 2,960
Task 2 - RESIDENT ENGINEERING SERVICES											
2001	Bidding Assistance	-	10	-	8	8	-	-	6	32	\$ 2,890
2002	Contracts and Pre-construction Meeting	2	4	-	8	-	-	-	4	18	\$ 1,750
2003	Shop Drawing Review	-	4	-	10	-	4	-	2	20	\$ 1,790
2004	Field Observation and Reports, Punch List, and Final Inspection	-	8	-	240	-	-	-	-	248	\$ 22,560
2005	Contract Management	-	4	-	12	-	-	-	2	18	\$ 1,670
2006	Record Drawings and GIS Data	-	2	-	8	-	16	-	-	26	\$ 2,160
2007	Project Coordination and Management	2	8	-	8	-	-	-	4	22	\$ 2,230
Subtotal		19	106	14	298	84	136	4	34	695	\$ 63,105
DIRECT EXPENSES											
9901	Mileage										\$ 1,000
9902	Printing and Miscellaneous Expenses										\$ 200
9903	Surveying										\$ 5,300
9904	Soil Borings										\$ 2,200
Subtotal											\$ 8,700
TOTAL											\$ 71,805

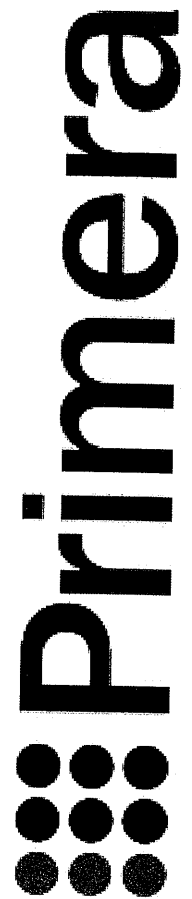
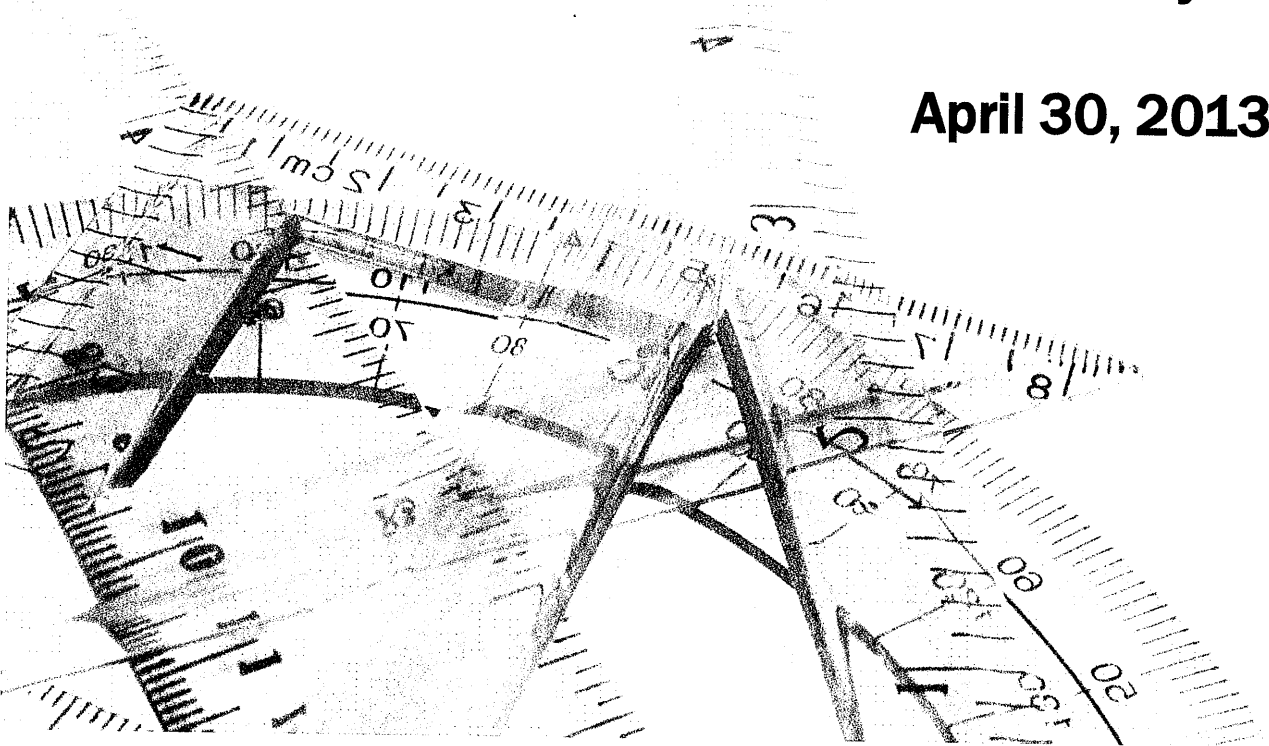
Legend

QC Quality Control
PM Project Manager
PE Project Engineer
RE Resident Engineer
EI Engineer Intern
CD Civil Designer
FT Field Technician
CL Clerical

REQUEST FOR PROPOSALS

FY 2013-14 Water Main Improvement Project

April 30, 2013



Prepared for:

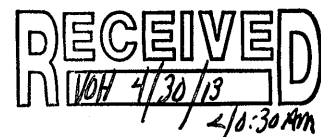
Mr. Daniel Deeter, PE
Village Engineer
Village of Hinsdale
19 East Chicago Avenue
Hinsdale, Illinois 60521

Prepared by:

PRIMERA ENGINEERS, LTD.

Chicago Office
100 South Wacker Drive
Suite 700
Chicago, Illinois 60606

Lisle Office
650 Warrenville Road
Suite 350
Lisle, Illinois 60532



QUALITY · TEAMWORK · INTEGRITY · BALANCE





April 30, 2013

Mr. Daniel Deeter, P.E.
Village Engineer
Village of Hinsdale
19 East Chicago Avenue
Hinsdale, Illinois 60521

Re: FY 2013-14 Water Main Improvement Project

Dear Mr. Deeter,

Primera Engineers (Primera) is pleased to present our experience and qualifications to provide professional services to the Village of Hinsdale in regard to your Request for Proposals for engineering services in support of the 2013-14 Water Main Project.


Primera has assembled a highly qualified engineering team with the experience and resources to successfully complete this design portion of the project. Our project team has significant experience in working with municipalities on a variety of projects including watermain, streetscapes, roadways, parking lots, and storm detention/retention. Primera has an excellent understanding of what is necessary to complete a project of this nature.

Mr. Charlie Frangos, PE, is our proposed Project Engineer. He has experience working with the Village on prior projects of a similar nature. In addition, Primera recently completed the County Line Road Watermain Replacement for the Village of Bensenville. This successful project included replacing an old 10" watermain with a new 12" PVC watermain. The proposed 12" was relocated from the street to the utility congested west parkway of County Line Road in order to minimize impacts to the corridor.

On our projects, we make sure that every day counts by providing the required resources and effort to complete projects on schedule; by developing projects that do more with less which saves money for our clients; and by utilizing innovative design techniques that reduce costs, minimize delays and create sustainable solutions.

Thank you for this opportunity to provide the required professional engineering services for the Village of Hinsdale. If you have questions, or need additional information, please contact me at 312-242-6438 or at tlachus@primerachicago.com.

Respectfully,



Ted W. Lachus, P.E.
Senior Vice President

<u>Tab</u>	<u>Section</u>
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1	Executive Summary
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2	Project Experience
---	--------------------

3	Organizational Chart & Resumes of Key Staff
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4	Fee Proposal
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Executive Summary

Introduction

Primera Engineers, Ltd. (Primera) is pleased to present to the Village of Hinsdale our understanding of the requirements for the design engineering services for the FY 2013-2014 Water Main Improvement Project.

Primera's Project Team includes highly qualified and experienced personnel from Primera Engineers, Landmark Engineering, K & S Engineers and S.T.A.T.E. Testing who have the capabilities to successfully complete the necessary engineering services for the Village of Hinsdale.

The members of the Primera Project Team will have the following responsibilities:

- **Primera Engineers – Project Management, Watermain Investigation & Assessment, Roadway Design, Watermain Design**
- **Landmark Engineering – Survey**
- **K & S Engineers – Geotechnical Engineering**
- **S.T.A.T.E. Testing – Material Testing**

The Village of Hinsdale can be confident that we will successfully evaluate the existing watermain, provide cost-effective recommendations, and provide a proactive approach that will successfully complete the project on-time and under budget.

Project Understanding

The Village of Hinsdale is requesting professional engineering services for the preliminary and final design and specifications, preparation of contract documents, coordination and management of the permitting process, management of the bid opening process, coordination of the pre-construction meeting, construction inspection, and QA material testing for approximately 1650 feet of new 8-inch PVC water main. The limits of water main improvements are from 55th Street to 57th Street on Garfield Avenue and from Justina Street to Mills Street on Fuller Road.

Many watermain valves in the Village are old and may not be able to be turned to shut off flow. Hot taps or insert valves may be required in order to complete main to main connections at project limits.

Directional boring will be required under 55th Street (CH 35) to reach the recently constructed existing water main stub on the north approach of the intersection. Maintenance of Traffic (MOT) coordination and permitting will be required with the DuPage Department of Transportation.

If additional funding is available in the existing construction budget, the Village would like to resurface the entire road width in the construction area.

Scope of Work

Through our experience working on similar projects, the following items will be included in the Scope of Work:

Design

1. Coordination and Communication

Executive Summary

- a. Effective communication with the Village staff and within the project team.
 - b. Meetings and coordination with the Village staff will play a key part in the design of the improvements.
 - c. Monthly progress reports will be provided to Village staff.
 - d. Attend one (1) kick-off meeting with the Village.
2. Data Collection
- a. Request all available and applicable utility information from the Village.
 - b. Collect topographic survey and soil borings.
 - c. Collect and record all necessary field data for roadway, utility and pavement design.
3. Infrastructure Design
- a. Review topographic and existing utility locations.
 - b. Prepare a design of the proposed watermain in accordance with the *Standard Specifications for Water & Sewer Main Construction in Illinois* and Village of Hinsdale guidelines.
 - c. Review Village-wide environmental records search (conducted 2/11/2013) to identify areas where contaminated soils may be prevalent.
 - d. Prepare resurfacing design for Fuller Road from Justina Street to Mills Street.
 - e. Determine contract quantities and prepare a detailed engineer's opinion of probable cost.
4. Construction Staging
- a. Detailed MOT plans will not be developed but we will utilize IDOT standards to stage traffic.
 - b. Coordination of MOT with DuPage County will occur through DuPage DOT's ROW permitting process.
5. Utilities
- a. Coordinate with the Village to investigate the presence of existing public and private utilities including water, fiber optic, gas, electrical, and sanitary, storm sewer and watermain systems.
 - b. Coordinate with the Village and private utility companies to relocate utilities in conflict with proposed design improvements.
6. Permitting
- a. Coordinate with and obtain relevant permits from the Village, Illinois EPA, and DuPage DOT.
7. Submittals
- a. The submittals will include a pre-final and a final plan submittal for reviews by the Village.
 - b. The submittals will include engineer's cost estimate for the proposed improvements.

Executive Summary

8. Bidding

- a. An alternative bidding process will be used to assess the cost effectiveness of increasing the project scope to include roadway work.
 - i. Resurfacing will be added to the contract letting as an optional scope item.
 - ii. Contractors will be required to bid on both the water main work and resurfacing as on bid package.
 - iii. Depending on the returned bid amounts, the Village will reserve the right to accept only the water main bid or the water main and the optional resurfacing bid.
- b. Manage letting and bidding process.
 - i. Answer bidders' questions and prepare addenda material as required.
 - ii. Assist the Village to review and comment on Contractor's bids.
 - iii. Assist the Village to recommend a written bid award to the Contractor.

Construction Engineering

1. Coordination and Communication

- a. Attend or facilitate coordination meetings, to include:
 - i. Pre-Bid
 - ii. Pre-Construction
 - iii. Weekly Construction
- b. Notify the Village of changes to scope or plan quantities in a timely manner prior to execution of the activity.
- c. Notify residents of water main shutoffs and access issues as necessary

2. Construction Engineering

- a. Inspect work and materials in accordance with applicable standards.
- b. Maintain detailed record of quantities, work performed, and materials used.
- c. Review traffic control and maintenance of traffic.
- d. Ensure accurate assessment of soils for contaminants.
- e. Review payments, RFIs, and change order requests.
- f. Assure the Quality of delivered materials.

3. Deliverables

- a. Provide record drawings with as-built information.
- b. Provide project documentation and inspection files (job box).

Project Approach / Methodology

Project Initiation

After selection, key project staff will visit the project site in order to develop a list of project items and questions that will be presented at a kick-off meeting with the Village of Hinsdale.

Executive Summary

Pre-Design Effort

At the beginning of the project, key project staff will coordinate with the Village of Hinsdale to discuss the project intent, project goals, and any questions that were developed from site visits to the project site by the project team. The discussion will include verifying the project limits, reviewing the project scope, budget, schedule, design criteria, and any local issues. At this meeting we will discuss with the Village staff the history of the water main, the break history of the water main, and any available record plans or data. Copies of any existing information will be requested by Primera (i.e. existing plans, right-of-way drawings, etc.).

Lines of communication will be established at the kick-off meeting. We believe it is essential to agree on communication protocols among Village of Hinsdale, Primera's Project Team and other stakeholders.

Design Effort – Key Items

The key to the successful completion of the design effort includes the following:

- Holding a coordination meeting with the Village and the key project team members. At this meeting the project requirements will be presented and discussed with the project team members.
- Effective coordination with all the design team members to ensure that all the design elements will complement each other. This will help avoid conflicts of the various design elements during construction.
- Meeting all project schedule milestones.
- Developing project documents that are thorough and that clearly present the design intent and requirements.
- Developing a cost-effective and safe design that meets or exceeds the design criteria for a project of this type.
- Ensuring that all the required pay items and quantities that will be required to construct the project are in the contract documents.
- Preparing a design that will involve the minimum of disruption to the local stakeholders and the travelling public during construction.

Construction Effort

An integral part of this project will be the communication between the Primera Team, the Village and the residents and travelers who will be affected by the construction. Effective and clear communication on the project will be essential to ensure that all the stakeholders are informed on the status and changes to the project that will occur until the project is completed.

Good communication includes keeping the residents informed of the construction schedule, especially concerning water service disruptions. On past projects, being proactive in communicating with the stakeholders developed a professional relationship that provided project area homeowners peace of mind during construction.

On our mostly completed Phase III Techny Road & Pfingsten Road Improvements project with the Village of Northbrook, Primera was actively involved in communicating with the residents and the Village. A project blog that was linked to the Village's website was utilized to post

Executive Summary

construction updates, explain the work being performed, and progress of the project (<http://technyroadimprovements.blogspot.com>).

Project Team

The proposed project team is available for assignment to this project and will be committed to this project through completion, thus ensuring continuity and efficiency through the successful completion of the job. The following key staff members will be assigned to this project.

Key Personnel

Mr. Rob Deming, P.E. of Primera as Project Manager has more than 15 years of experience in civil engineering with site developments, roadway and streetscape design and watermain designs. Mr. Deming has experience in construction management and his construction experience is beneficial to the creating of designs that are easily constructible and cost effective. Recently, Mr. Deming served as the Project Manager for the County Line Road Watermain Replacement for the Village of Bensenville which will be beneficial experience for this project. The County Line Road project included replacing an old 10" watermain with a new 12" PVC watermain and the relocation of the watermain from the street to the utility congested west parkway of County Line Road in order to minimize impacts to the corridor.

Mr. Charles Frangos, PE of Primera will serve as Project Engineer. Mr. Frangos has significant experience working with the Village of Hinsdale on a variety of projects. He served as Design Engineer on the County Line Road Watermain Replacement for the Village of Bensenville. He also has experience performing preliminary engineering studies, geometric design, traffic studies, bridge inspections, and public involvement. He also has served as a Resident Engineer and Construction Inspector for roadway and site projects.

Mr. Abdul Mohammed of Primera will serve as Resident Engineer. Mr. Mohammed is a Construction Engineer with over 8 years of experience in civil engineering, utility design, project planning, construction management, and project estimating. He is knowledgeable in construction site operations, systems analysis, construction cost accounting, construction planning and scheduling, and construction equipment management.

Landmark Engineering will provide Survey services. Landmark, based in Palos Hills, Illinois, is a Land Surveying and Engineering firm committed to the long-term prosperity and continued success of their clients. They have established an outstanding reputation in both the public and private sector for accurate surveying and sound engineering design. Landmark's professionalism and proven ability to work harmoniously with both owners and governmental agencies allows them to move productively forward.

K & S Engineers will provide Geotechnical Engineering services. K & S has been in business for over 25 years providing geotechnical, environmental and construction engineering services. They have an office in Lombard, Illinois and have worked with numerous municipalities.

S.T.A.T.E. Testing will provide Material Testing services. Over the last 13 years, S.T.A.T.E. Testing has specialized in consultation and testing of construction materials and has offices in East Dundee and Chicago, Illinois. They have successfully completed projects with the Illinois Department of Transportation and a variety of municipal clients.

Resumes of the key staff noted above are included in our proposal.

Executive Summary

Why Select Primera

Primera has assembled a highly qualified project team that will be working together with the Village of Hinsdale with the utmost professionalism. On this project our project team will provide the Village of Hinsdale with:

- Mr. Rob Deming, P.E., as Project Manager has led a very similar watermain replacement project for the Village of Bensenville as well as numerous roadway improvement projects for the City of Chicago and other municipalities.
- Mr. Charles Frangos, P.E. as Project Engineer who has worked with the Village of Hinsdale on similar projects.
- Key project staff who will be committed through the successful completion of the project.
- A project team that has the resources and capacity to fulfill the project requirements.
- A project team that has the resources and capacity to complete on schedule and under budget.
- A project team that will provide the Village cost-effective solution for this project.
- A company and a project team that will always regard the Village as a key and important client.

If selected for this project, the Primera Project Team will welcome the opportunity to work with the Village of Hinsdale in completing this project on time and within budget.

County Line Road Watermain Replacement Village of Bensenville

Location

Bensenville, Illinois

Services Provided

Civil Design
Drainage Design
Permitting

Performance Period

05/2012 to 08/2012

Construction Cost

\$425,000

Client Reference

Joseph Caracci
Director of Public Works
Village of Bensenville
717 E. Jefferson Street
Bensenville, Illinois 60106
Phone: 630.350.3435

**Project Description**

Primera was selected by the Village of Bensenville for the watermain replacement along County Line Road from Green Street south to Jefferson Street. The project included replacing an old 10" watermain with a new 12" PVC watermain. The proposed 12" was relocated from the street to the utility congested west parkway of County Line Road in order to minimize impacts to the corridor.

Primera prepared the Contract Plans and Special Provisions for the design of the watermain improvements, driveway reconstruction and landscape restoration, and utility relocations. The project also included preparation and submittal of IEPA and Cook County permits.

Pipe Lining Project City of East Chicago

Location

East Chicago, Indiana

Services Provided

Civil Design
Drainage Design
Permitting

Performance Period

03/2012 to 09/2012

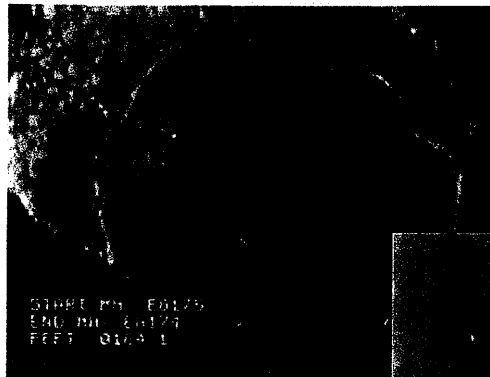
Construction Cost

\$740,000

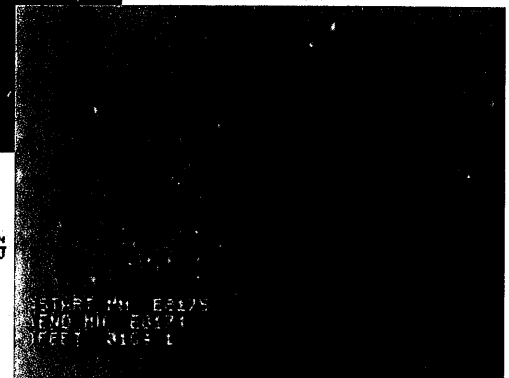
Client Reference

Imad Samara
Project Manager
US Army Corps of Engineers
111 North Canal, Suite 600
Chicago, Illinois 60606
Phone: 312.846.5560

Jezreel Rodriguez
City Engineer
City of East Chicago
4444 Rail Road Avenue
East Chicago, Indiana



BEFORE SEWER LINING



AFTER SEWER LINING

Project Description

Primera was selected by the City of East Chicago for the pipe lining of sanitary and combined sewers along various streets in the City of East Chicago. This project is federal funded and oversight was provided by the US Army Corps of Engineers (USACOE) as part of the USACOE's Environmental Infrastructure Program Section 219. Work tasks included federal and state agency coordination, sewer and manhole evaluation, lining design, plan and contract preparation, permitting, and construction administration for 8,500 feet of combined sewers in the City of East Chicago.

Primera evaluated no action, reconstruction, and relining improvements that would limit the groundwater infiltrating the 12", 15", and 21" vitrified clay pipes in the project area and to avoid full replacement of the existing pipeline that would include a complete street reconstruction. Due to the lower construction cost, minimized construction impacts, and need to reduce groundwater infiltration into East Chicago's combined sewer system, the Preferred Alternative was to line the existing combined sewer lines in the project area with Cured-In-Place-Pipe (CIPP).

IL Route 62 (Algonquin Road)

Illinois Department of Transportation

Location

South Barrington, Illinois.

Services Provided

Roadway Design
Structural Design
Drainage Design
Permitting

Performance Period

03/2010 to 03/2011

Project Cost

\$7.5 Million

Client Reference

Anthony Quigley, PE
Illinois Department of
Transportation
201 West Center Court
Schaumburg, Illinois 60196
Phone: 847.708.4211

**Project Description**

The proposed improvement consists of removal of the existing HMA 2-lane roadway, existing cross-road culverts, trees, driveways and driveway culverts, and the construction of a new 5-lane PCC pavement with a vertical profile which includes combination curb and gutter and a closed drainage system; cross-road culverts, multiple retaining walls; driveways; pavement markings; erosion control; landscaping; temporary traffic signals; and temporary pavements for the maintenance of traffic during construction.

Due to widening the roadway, additional right-of-way had to be acquired along the project corridor including property from the Forest Preserve District of Cook County. Where right-of-way could not be acquired, retaining walls were designed to avoid multiple sensitive wetland areas located within the forest preserve property. In addition to the retaining walls, a system of erosion and sediment control was designed to minimize impacts to the sensitive areas.

This project involved wetland mitigation and U.S. Army Corps of Engineers permitting.

Techny Road & Pfingsten Road Improvements

Village of Northbrook & Cook County Highway Department

Location

Northbrook, Illinois

Services Provided

Construction Engineering

Performance Period

04/2012 to 03/2013

Project Cost

\$5,261,000

Client Reference

Paul Kendzior

Village Engineer

Village of Northbrook

Public Works Center

655 Huehl Road

Northbrook, IL 60062

Phone: 847.664.4120

**Project Description**

Primera provided Phase III construction engineering services and assisted in the Jurisdictional Transfer process between the Village of Northbrook and the Cook County Highway Department.

Techny Road

The Techny Road improvements included the installation of a 72-inch and 84-inch relief storm sewer from Pfingsten Road to Second Street, the installation of additional storm sewers to drain the roadway, the removal and reconstruction of the center 24 feet of pavement and milling and resurfacing the remainder of the pavement from west of Pfingsten Road to Birch Road, the reconstruction of pavement from Birch Road to Second St., the installation of traffic signals at Pfingsten Road, the grading of ditches and the restoration of the parkway lawn areas with topsoil and sod.

Pfingsten Road

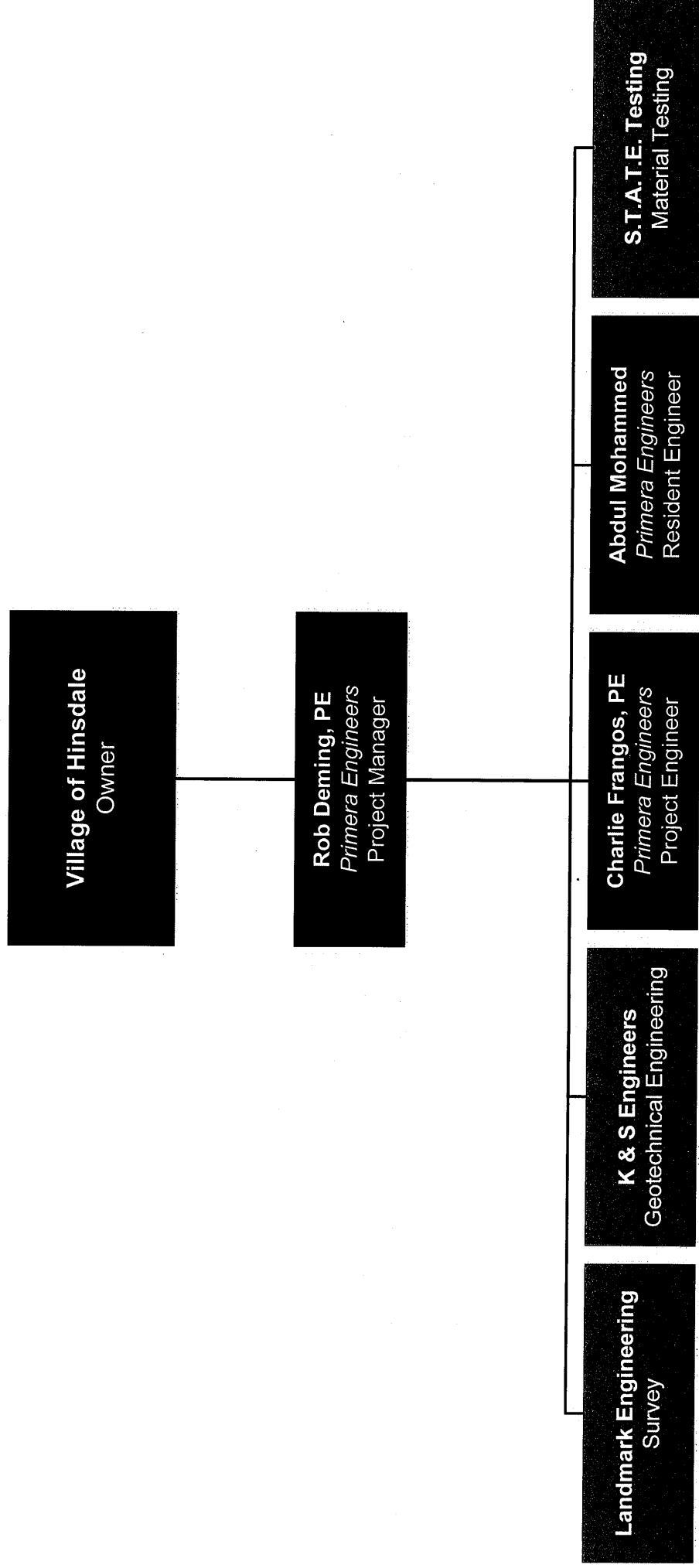
The Pfingsten Road improvements included the installation of a 48-inch relief storm sewer from Canterbury Drive to Techny Road, pavement patching as required for the sewer installation, and restoration of parkways with topsoil and sod as required.

Due to the coordination efforts led by Primera's Resident Engineer involving the Contractor, the Village, the Public Works Department, Utility Companies and Metra, these roadway improvements were completed approximately 1 year ahead of schedule. The residents were very grateful for an efficiently run project as evidenced in the following excerpts from an email to the Resident Engineer "...you and your men were just THE very best...Always fun, respectful and considerate. The Techny Project was so much less a burden because of the character and characters who participated."

In addition, the Village Engineer, Mr. Paul Kendzior, thanked the Primera Resident Engineer "for a very efficient and professional completed project."

Organizational Chart

FY 2013-14 Water Main Improvement Project



ROBERT J. DEMING, PE, LEED Green Associate

Mr. Deming is a **Licensed Professional Engineer** with more than 15 years' experience in civil engineering design and construction management, including experience in local streets, primary and arterial highways, streetscapes and median improvements, and site development. He has experience performing civil and roadway designs, developing roadway geometry, site plans, traffic control and staging plans, erosion control plans, special provision, cost estimates, and QA/QC on projects. He also has been a Resident Engineer and Construction Inspector for roadway and site projects.



EXPERIENCE

County Line Road Watermain Replacement, Village of Bensenville, Illinois

Project Manager for the watermain replacement along County Line Road from Green Street south to Jefferson Street in the Village of Bensenville. This project is to replace an old 10" watermain with a new 12" PVC watermain. The proposed 12" will be relocated from the street to the utility congested west parkway of County Line Road in order to minimize impacts to the corridor. Primera will prepare the Contract Plans and Special Provisions for the design of the watermain improvements, driveway reconstruction and landscape restoration, and utility relocations. The project also includes preparation and submittal of IEPA and Cook County permits.

GIS Services – Village-Wide Map Development, Village of Hinsdale, DuPage County, Illinois.

Project Manager for providing professional engineering services for the development of a Village-wide map. GIS shapefiles and aerial photographs were collected from Cook and DuPage counties by the Village of Hinsdale for consolidation into a map to be used by Village staff for aggregation of sewer, water main, and other utility data. Primera will georeference Village as-built drawings with the collected GIS data, convert the data to an AutoCAD 3d Map file, and provide guidance on a standard format for as-built drawings for future projects.

City of East Chicago Pipe Lining Project, Various Locations, East Chicago, Indiana

Project Manager for the pipe lining of sanitary and combined sewers along various streets in the City of East Chicago. This project is worked in conjunction with the City of East Chicago and the US Army Corps of Engineers (USACOE) as part of the USACOE's Environmental Infrastructure Program Section 219 to improve damaged and/or failed sewer lines. The sewer improvements include lining the selected pipes and manholes in various locations within the City of East Chicago.

Route FAP339 (IL Route 62), Illinois Department of Transportation, South Barrington, Illinois

Project Engineer for the widening and reconstructing an existing two lane roadway to a four lane roadway. Work also included of removal of the existing HMA 2-lane roadway, existing cross-road culverts, trees, driveways and driveway culverts, and the construction of a new 5-lane PCC pavement with a vertical profile which includes combination curb and gutter and a closed drainage system; cross-road culverts, multiple retaining walls; driveways; pavement markings; erosion control; landscaping; temporary traffic signals; and temporary pavements for the maintenance of traffic during construction. In addition to the retaining walls a system of erosion and sediment control was designed to minimize impacts to the sensitive areas.

FAP Route 337 (IL Route 22) from Quentin Road to IL Route 83, Phase II Plan Preparation, Illinois Department of Transportation, Long Grove & Kildeer, Illinois

Project Engineer for Phase II design of IL Route 22 from Quentin Road to IL Route 83. Design will include roadway reconstruction, profile modification, widening from two lanes to a four lane cross-section with a landscaped median in the Village of Kildeer and a flush painted median in the Village of Long Grove, a shared use path on the south side of the roadway, replacement of several box culverts, and a closed drainage system. Additionally, retaining walls will be required to minimize impacts to the adjacent residential and commercial properties, sensitive forest preserves, and wetlands. Primera will prepare roadway plans, maintenance of traffic plans, drainage and utility plans, pavement marking and signing plans, retaining wall and box culvert plans, erosion control plans, traffic signal plans, geotechnical boring investigations and analyses, supplemental surveys, permits, and other related work to complete Phase II contract plans.

Virginia Road Reconstruction, Phase II, McHenry County Department of Transportation, Woodstock, Illinois

Project Engineer for a 1 mile rural roadway reconstruction project. Designed the civil plans, general plans, erosion control plans, maintenance of traffic plans, grading, cross sections, and details. He also wrote and assembled the specifications and compiled the cost estimates. Assisted with the permitting through IDOT and McHenry County DOT.

EDUCATION & REGISTRATION

Bachelor of Science, Civil Engineering, Southern Illinois University, Edwardsville

Bachelor of Science, Engineering Science, Aurora University

Professional Engineer, State of Illinois, 062.057483, 2004, Indiana, Wisconsin

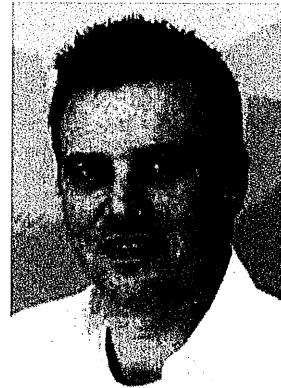
LEED Green Associate - GBCI 10539921

ADDITIONAL TRAINING

IDOT Documentation of Contract Quantities

CHARLES L. FRANGOS, P.E.

Mr. Frangos is a **Professional Engineer** with experience in the planning, study, design, and construction management of transportation projects which includes local streets, primary and arterial highways, expressways, and freeways. He has experience performing preliminary engineering studies, geometric design, traffic studies, bridge inspections, and public involvement. He also has served as a Resident Engineer and Construction Inspector for roadway and site projects.



EXPERIENCE

County Line Road Watermain Replacement, Village of Bensenville, Illinois

Design Engineer for the watermain replacement along County Line Road from Green Street south to Jefferson Street in the Village of Bensenville. This project is to replace an old 10" watermain with a new 12" PVC watermain. The proposed 12" will be relocated from the street to the utility congested west parkway of County Line Road in order to minimize impacts to the corridor. Primera will prepare the Contract Plans and Special Provisions for the design of the watermain improvements, driveway reconstruction and landscape restoration, and utility relocations. The project also includes preparation and submittal of IEPA and Cook County permits.

8th Street and Vine Street Reconstruction, Village of Hinsdale, Illinois

Resident Engineer for planned sewer separations and necessary roadway, sanitary sewer and water main improvements including 4,600 feet of roadway reconstruction, 3,000 of new storm sewer, 1,400 feet of new sanitary sewer, and 900 feet of new water main. Oversight was provided by IDOT's Bureau of Local Roads and was funded by reimbursement through Illinois' Motor Fuel Tax (MFP) program.

GIS Services – Village-Wide Map Development, Village of Hinsdale, DuPage County, Illinois.

Project Engineer for providing professional engineering services for the development of a Village-wide map. GIS shapefiles and aerial photographs were collected from Cook and DuPage counties by the Village of Hinsdale for consolidation into a map to be used by Village staff for aggregation of sewer, water main, and other utility data. Primera will georeference Village as-built drawings with the collected GIS data, convert the data to an AutoCAD 3d Map file, and provide guidance on a standard format for as-built drawings for future projects.

Oak Street Bridge, Village of Hinsdale, DuPage County, Illinois

Project Engineer for the replacement of the Oak Street Bridge over the BNSF using the Context Sensitive Solutions (CSS) project development process. Work tasks included

preparation of a Project Development Report (PDR) for a Group II Categorical Exclusion, public and agency coordination, alternate geometric studies, impact analysis, traffic studies, intersection design studies, capacity analysis, and crash analysis for a one-mile section of an FAU route. This project was funded by STP, BRRP, ICC, and local funds.

Birch Street and Cherry Avenue Reconstruction, Village of Franklin Park, Illinois

Project Engineer for approximately 1,900 feet of resurfacing with works tasks that included roadway design, supplemental survey, plans and specifications, and installation of new water main and sanitary sewer. Oversight was provided by IDOT's Bureau of Local Roads and was funded by reimbursement through Illinois' Motor Fuel Tax (MFP) program.

City of East Chicago Pipe Lining Project, Various Locations, East Chicago, Indiana

Project Engineer for the pipe lining of sanitary and combined sewers along various streets in the City of East Chicago. Work tasks included federal and state agency coordination, sewer and manhole evaluation, lining design, plan and contract preparation, permitting, and construction administration for 8,500 feet of combined sewers in the City of East Chicago. This project is federally funded and oversight was provided by the US Army Corps of Engineers (USACOE) as part of the USACOE's Environmental Infrastructure Program Section 219.

Edens Expressway (I-94) Roadway and Bridge Rehabilitation, Old Orchard Road to Lake Cook Road, Illinois Department of Transportation, Chicago, Illinois

Construction engineering services including the inspection, material testing, documentation, and layout for the 13-mile Edens Expressway (I-94) rehabilitation project. Roadway and ramp work included pavement patching, resurfacing, pavement marking, and barrier wall replacement. This project was federally funded through the SAFETEA-LEU Surface Transportation (STP) Program. State oversight was provided by IDOT's Bureau of Construction.

EDUCATION & REGISTRATION

Bachelor of Science, Civil Engineering, University of Illinois at Chicago

Professional Engineer, State of Illinois 062.064825, 2012

ADDITIONAL TRAINING

IDOT Documentation of Contract Quantities (Certification #09-0307)

ABDUL MOIZ MOHAMMED, EIT

Mr. Mohammed is a **Construction Engineer** with over 8 years of experience in civil engineering, utility design, project planning, construction management, and project estimating. He is knowledgeable in construction site operations, systems analysis, construction cost accounting, construction planning and scheduling, and construction equipment management.



EXPERIENCE

County Line Road Watermain Replacement, Village of Bensenville, Illinois.

Staff Engineer for the watermain replacement along County Line Road from Green Street south to Jefferson Street in the Village of Bensenville. This project is to replace an old 10" watermain with a new 12" PVC watermain. The proposed 12" will be relocated from the street to the utility congested west parkway of County Line Road in order to minimize impacts to the corridor. Primera will prepare the Contract Plans and Special Provisions for the design of the watermain improvements, driveway reconstruction and landscape restoration, and utility relocations. The project also includes preparation and submittal of IEPA and Cook County permits.

Sewer Improvement Program, Chicago Department of Water Management, Chicago, Illinois.

Resident Engineer responsible for supervising work done on the job-site to make sure that the General Contractor does construction as per city standards and specifications. Created and maintained daily shift work reports, time sheets, daily construction report, and work schedule on a daily basis. Took measurements of all quantities used, removed, during restoration works. Inspected of the private drains thru basement or clean out prior to commencement work. Assure that the project is running within budget limits. Also coordinated and facilitated activities among contractors, and keep the client informed on progress updates.

Utility Relocation, Illinois State Toll Highway Authority, Various Locations, Illinois.

Field Engineer for project that entailed the mapping of fiber-optic cable and utilities along Interstates I-90, 294, and 88 for the utility relocations that were part of the \$5.3 billion dollar system wide improvements. Performed multiple tasks including location of fiber optic & power cables, coordination of potential utility conflicts and preparation & monitoring of project schedules.

Southwest Service Expansion Project, Chicago, Illinois.

Field Engineer overseeing the construction activities on the project. Also worked on Project Document Control which included Change Management & Control Process, Cost Control, Scheduling, Submittals, RFI's, Transmittals, Proposals, Notices' of Non-compliance using Primavera Expedition 9.1. Provided construction inspection all the civil works, Documentation activities include the preparation of daily, weekly and monthly progress reports. Kept the client informed on progress updates, prepared Change Orders and Punch Lists and prepared a Material Documentation Deficiency Report after each pay estimate for distribution to the contractor and the client.

I-80/94/294 Construction Project, Illinois Department of Transportation, Chicago, Illinois.

Construction Inspector responsible for managing and coordinating projects for this complete pavement reconstruction project located between IL Route 83 and IL Route 394. Prepared and updated project schedules using Primavera Project Planner. Inspected concrete pours for the building foundation, communication shelters, and generator foundation including fuel tanks, reinforced retaining walls and box culvert. Quality assurance function included routine quality surveillance, to ascertain that all design and engineering activities are performed in accordance with contract requirements. Supervised all civil works including preparation of all daily, weekly, and monthly progress reports.

EDUCATION & REGISTRATION

Master of Science, Construction Engineering and Management, Illinois Institute of Technology

Bachelor of Science, Civil Engineering, Osmania University, India

Engineer in Training (EIT)

IDOT Documentation of Contract Quantities (Certification #07-0192)

IDOT ICORS Training Seminar, 2009

IDOT MISTIC Training Seminar, 2009

IDOT Soils Field Testing and Inspection, 2013

IDOT Piling, 2013

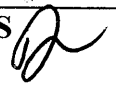
OSHA Confined Space Trained

Member of Construction Management Association of America (CMAA)

President and Treasurer for Primera Academy Toastmasters International Club

DATE: May 13, 2013

REQUEST FOR BOARD ACTION

AGENDA		ORIGINATING																							
SECTION NUMBER EPS Agenda		DEPARTMENT Community Development																							
ITEM Contract Change Order #3 Woodlands Phase 1 Pirtano Construction Company, Inc.		APPROVAL Dan Deeter Village Engineer																							
<p>Staff is recommending approval of the attached change order 3. This change order includes balancing of line item quantities (bid quantities versus actual construction quantities) in 2012 and changes encountered during rain garden installation. Supporting documentation for each change order has been reviewed by the Resident Engineer and a copy is on file with the Village staff.</p> <p>The 2012 Reconstruction Project budget is listed below:</p> <table><thead><tr><th></th><th><u>2012/3 Budget</u></th><th><u>Costs</u></th></tr></thead><tbody><tr><td>• Construction Observation</td><td>\$ 131,130</td><td>\$ 269,960</td></tr><tr><td> ○ (with change order #2)</td><td></td><td></td></tr><tr><td>• Construction</td><td><u>\$5,075,000</u></td><td><u>\$4,568,473</u></td></tr><tr><td> ○ (with all anticipated change orders)</td><td></td><td></td></tr><tr><td>• Total</td><td>\$5,206,130</td><td>\$4,838,433</td></tr><tr><td>• Contingency</td><td></td><td>\$ 367,697</td></tr></tbody></table> <p>MOTION: To Approve a Resolution for the Woodlands Phase 1 Project Contract Change Order Number 3 in the Amount of \$8,652.25 to Pirtano Construction Company, Inc.</p>						<u>2012/3 Budget</u>	<u>Costs</u>	• Construction Observation	\$ 131,130	\$ 269,960	○ (with change order #2)			• Construction	<u>\$5,075,000</u>	<u>\$4,568,473</u>	○ (with all anticipated change orders)			• Total	\$5,206,130	\$4,838,433	• Contingency		\$ 367,697
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○ (with all anticipated change orders)																									
• Total	\$5,206,130	\$4,838,433																							
• Contingency		\$ 367,697																							
APPROVAL	APPROVAL	APPROVAL	APPROVAL	MANAGER'S APPROVAL 																					
COMMITTEE ACTION:																									
BOARD ACTION:																									

RESOLUTION NO. _____

**A RESOLUTION APPROVING THE WOODLANDS PHASE 1 PROJECT
CONTRACT CHANGE ORDER
NUMBER 3 IN THE AMOUNT OF \$8,652.25 TO
PIRTANO CONSTRUCTION COMPANY, INC.**

WHEREAS, the Village of Hinsdale (the "Village") and Pirtano Construction Company, Inc. ("Pirtano") have entered into that certain Contract (the "Contract") providing for the construction of the Woodlands Phase 1 Project; and

WHEREAS, the President and Board of Trustees of the Village hereby find that the circumstances said to necessitate this Change Order were not reasonably foreseeable at the time the Contract was signed, the Change Order was germane to the original Contract as signed, and the Change Order is in the best interest of the Village of Hinsdale and authorized by law;

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Hinsdale, DuPage and Cook Counties and State of Illinois, as follows:

Section 1. Recital. The foregoing recitals are incorporated herein as findings of the President and Board of Trustees.

Section 2. Approval of Change Order. The Change Order is hereby approved in the form attached (Exhibit A) to this Ordinance and by this reference incorporated herein.

Section 3. Final Determination. This Resolution shall constitute the written determination required by Section 33E-9 of the Article 33E of the Criminal Code of 1961, as amended and shall be retained in the Contract file as required by said Section.

Section 4. Execution of Change Order. The Village Manager is authorized to execute the Change Order on behalf of the Village.

Section 5. Effective Date. This resolution shall be in full force and effective from and after its passage and approval.

PASSED: this _____ day of _____ 2013.

AYES:

NAYS:

ABSENT:

APPROVED this _____ day of _____ 2013.

Village President

ATTEST:

Village Clerk

Exhibit A
VILLAGE OF HINSDALE
CHANGE ORDER

Project: Woodlands Phase 1
Location: Various Streets
Contractor: Pritano Construction Company, Inc.

Change Order No. 3
Contract No. - N/A
Date: 05/13/13
Page 1 of 2

- I. A. Description of Changes Involved:
 31 Comparison of unit quantities constructed in 2012 to bid quantities.
- B. Reason for Change:
 31 Authorize actual quantities used and allow payment to the Contractor.
- C. Revision in Contract Price: Total Addition: \$ 8,652.25
 31 Addition \$ 8,652.25

Project: Woodlands Phase 1
Location: Various Streets
Contractor: Pritano Construction Company, Inc.

Change Order No. 3
Contract No. - N/A
Date: 05/13/13
Page 1 of 2

II. Adjustments in Contract Price:

A.	Original Contract Price:	\$ 4,545,000.00
B.	Net (addition)(reduction) due to all previous Change Order No. <u>1&2</u>	\$ 31,095.38
C.	Contract Price, not including this Change Order	\$ 4,513,904.62
D.	(Addition)(Reduction) to Contract Price due to this Change Order	\$ 8,652.25
E.	Contract Price including this Change Order	<u>\$ 4,522,556.87</u>

Accepted:
Contractor: Pirtano Construction Company, Inc.

By:

Signature of Authorized Representative

Date

Village of Hinsdale:

By:

Signature of Authorized Representative

Date

WOODLANDS - PHASE 1 QTY BALANCING (4/26/13)							
Item No.	Item Description	UNIT	PLAN QTY	Unit Price	PLAN COST	ACTUAL QTY	ACTUAL COST
1	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	147	\$45.00	\$6,615.00	147.00	\$6,615.00
2	TREE TRUNK PROTECTION	EACH	108	\$81.00	\$8,838.00	103.00	\$8,283.00
3	TREE ROOT PRUNING	FOOT	1067	\$8.00	\$8,536.00	200.00	\$1,600.00
4	RELOCATE TREE	EACH	2	\$2,500.00	\$5,000.00	3.00	\$7,500.00
5	EARTH EXCAVATION	CU YD	8018	\$33.00	\$264,594.00	9,571.00	\$315,843.00
6	TRENCH BACKFILL	CU YD	3758	\$41.00	\$154,078.00	4,750.00	\$194,750.00
7	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	1671	\$20.00	\$33,420.00	1,054.00	\$21,080.00
8	TOPSOIL FURNISH AND PLACE 4"	SQ YD	6048	\$8.00	\$36,288.00	7,382.00	\$44,172.00
9	NITROGEN FERTILIZER NUTRIENT	POUND	75	\$1.50	\$112.50	75.00	\$112.50
10	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	75	\$1.50	\$112.50	75.00	\$112.50
11	POTASSIUM FERTILIZER NUTRIENT	POUND	75	\$1.50	\$112.50	75.00	\$112.50
12	MULCH METHOD 3	ACRE	1.25	\$4,000.00	\$5,000.00	0.00	\$0.00
13	EROSION CONTROL BLANKET	SQ YD	707	\$11.50	\$1,000.00	0.00	\$0.00
14	SODDING SALT TOLERANT (SPECIAL)	SQ YD	8048	\$14.00	\$112,672.00	8,884.00	\$124,376.00
15	SUPPLEMENTAL WATERING	UNIT	272	\$50.00	\$13,600.00	272.00	\$13,600.00
16	TEMPORARY EROSION CONTROL SEEDING	POUND	125	\$6.00	\$750.00	0.00	\$0.00
17	CHECK DAM	EACH	6	\$280.00	\$1,680.00	6.00	\$1,680.00
18	PERIMETER EROSION BARRIER	FOOT	1410	\$3.00	\$4,230.00	0.00	\$0.00
19	INLET AND PIPE PROTECTION	EACH	58	\$120.00	\$6,960.00	58.00	\$6,960.00
20	AGGREGATE BASE COURSE TYPE B	TON	11290	\$14.00	\$158,060.00	12,585.79	\$176,201.06
21	HOT MIX ASPHALT BASE COURSE 3"	SQ YD	16709	\$12.00	\$200,508.00	15,135.00	\$181,620.00
22	AGGREGATE SURFACE COURSE TYPE B	TON	43	\$22.00	\$946.00	50.00	\$1,100.00
23	BITUMINOUS MATERIALS (PRIME COAT)	GAL	8406	\$11.00	\$92,466.00	8,408.00	\$92,480.00
24	AGGREGATE (PRIME COAT)	TON	35	\$11.00	\$385.00	33.00	\$363.00
25	LEVELING BINDER (MACHINE METHOD) N50	TON	104	\$73.00	\$7,592.00	108.00	\$7,884.00
26	HOT MIX ASPHALT SURFACE REMOVAL BUTT JOINT	SQ YD	53	\$13.00	\$689.00	53.00	\$689.00
27	HOT MIX ASPHALT SURFACE COURSE MIX C N50(2)	TON	2160	\$74.00	\$159,840.00	2,160.00	\$159,840.00
28	HMA DRIVEWAY PAVEMENT (SPECIAL)	SQ YD	1308	\$38.00	\$49,704.00	1,693.56	\$64,355.28
29	PORTLAND CEMENT CONC. DRIVEWAY P.V.M.T. 6 INCH (SPECIAL)	SQ YD	160	\$40.00	\$6,400.00	234.30	\$9,372.00
30	BRICK DRIVEWAY PAVEMENT (SPECIAL)	SQ YD	858	\$48.00	\$41,184.00	814.60	\$39,107.00
31	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	125	\$5.00	\$625.00	147.50	\$737.50
32	DETECTABLE WARNINGS	SQ FT	16	\$35.00	\$560.00	16.00	\$560.00
33	PAVER SIDEWALK REMOVE AND RELOCATE	SQ FT	156	\$45.00	\$7,020.00	105.90	\$4,766.55
34	PAVEMENT REMOVAL	SQ YD	18808	\$7.00	\$131,656.00	17,822.00	\$124,754.00
35	HOT MIX ASPHALT SURF. REMOVAL VAR. DEPTH (1.75" TO 4.75")	SQ YD	2582	\$8.00	\$20,656.00	2,582.00	\$20,656.00
36	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2284	\$13.00	\$29,692.00	2,762.16	\$35,908.08
37	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	792	\$6.00	\$4,752.00	522.00	\$3,132.00
38	SIDEWALK REMOVAL	SQ FT	60	\$1.00	\$60.00	147.50	\$147.50
39	CLASS D PATCHES 8 INCH	SQ YD	1050	\$72.00	\$75,600.00	1,187.00	\$85,464.00
40	PIPE CULVERT REMOVAL	FOOT	78	\$5.00	\$390.00	50.00	\$250.00
41	PIPE CULVERTS CLASS D TYPE 1 12" (CORRUGATED STEEL)	FOOT	46	\$38.00	\$1,748.00	27.00	\$1,026.00
42	STEEL END SECTIONS 12"	EACH	4	\$300.00	\$1,200.00	2.00	\$600.00
43	STORM SEWERS CLASS B TYPE 1 6"	FOOT	35	\$99.00	\$3,465.00	35.00	\$3,465.00
44	STORM SEWERS RUBBER GASKET CLASS B TYPE 1 12"	FOOT	3414	\$32.00	\$109,248.00	3,135.00	\$100,320.00
45	STORM SEWERS RUBBER GASKET CLASS B TYPE 1 18"	FOOT	2041	\$35.00	\$71,435.00	1,969.00	\$68,915.00
46	STORM SEWERS RUBBER GASKET CLASS B TYPE 1 24"	FOOT	1104	\$42.00	\$46,368.00	1,041.00	\$43,722.00
47	STORM SEWERS RUBBER GASKET CLASS B TYPE 1 36"	FOOT	595	\$65.00	\$38,675.00	568.00	\$36,920.00
48	STORM SEWER REMOVAL 8"	FOOT	50	\$14.00	\$700.00	0.00	\$0.00
49	STORM SEWER REMOVAL 12"	FOOT	379	\$15.00	\$5,685.00	274.00	\$4,110.00
50	STORM SEWER REMOVAL 24"	FOOT	214	\$25.00	\$5,350.00	0.00	\$0.00
51	STORM SEWER REMOVAL 36"	FOOT	692	\$25.00	\$17,300.00	184.00	\$4,600.00
52	WATER VALVES 6"	EACH	1	\$800.00	\$800.00	1.00	\$800.00
53	WATER VALVES 8"	EACH	14	\$1,100.00	\$15,400.00	14.00	\$15,400.00
54	WATER VALVES 10"	EACH	8	\$1,700.00	\$13,600.00	8.00	\$13,600.00
55	FIRE HYDRANTS TO BE REMOVED	EACH	13	\$400.00	\$5,200.00	13.00	\$5,200.00
56	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	26	\$4,000.00	\$104,000.00	23.00	\$92,000.00
57	PIPE UNDERDRAINS 8"	FOOT	2583	\$35.00	\$90,405.00	2,298.00	\$80,430.00
58	MANHOLES TYPE A 4" DIAMETER TYPE 8 GRATE	EACH	16	\$1,800.00	\$28,800.00	13.00	\$23,400.00
59	MANHOLES TYPE A 5" DIAMETER TYPE 8 GRATE	EACH	4	\$2,500.00	\$10,000.00	4.00	\$10,000.00
60	MANHOLES TYPE A 6" DIAMETER TYPE 8 GRATE	EACH	3	\$3,600.00	\$10,800.00	3.00	\$10,800.00
61	MANHOLES TYPE A 4" DIAMETER TYPE 1 FRAME CLOSED LID	EACH	3	\$1,900.00	\$5,700.00	2.00	\$3,800.00
62	MANHOLES TYPE A 5" DIAMETER TYPE 1 FRAME CLOSED LID	EACH	3	\$2,000.00	\$6,000.00	4.00	\$8,000.00
63	MANHOLES TYPE A 6" DIAMETER TYPE 1 FRAME CLOSED LID	EACH	6	\$3,600.00	\$21,600.00	6.00	\$21,600.00
64	MANHOLES TYPE A 4" DIAMETER TYPE 11 FRAME AND GRATE	EACH	25	\$2,000.00	\$50,000.00	28.00	\$56,000.00
65	MANHOLES TYPE A 5" DIAMETER TYPE 11 FRAME AND GRATE	EACH	2	\$2,600.00	\$5,200.00	3.00	\$7,800.00
66	MANHOLES TYPE A 6" DIAMETER TYPE 11 FRAME AND GRATE	EACH	6	\$3,600.00	\$21,600.00	3.00	\$10,800.00
67	MANHOLES 6" DIAMETER TYPE 8 GRATE (SPECIAL DRY WELL)	EACH	1	\$10,500.00	\$10,500.00	1.00	\$10,500.00
68	MANHOLES TYPE A 4" DIA. RESTRICTOR STRUCTURE (OPTION B)	EACH	1	\$7,500.00	\$7,500.00	1.00	\$7,500.00
69	MANHOLES TYPE A 5" DIA. RESTRICTOR STRUCTURE (OPTION B)	EACH	5	\$9,000.00	\$45,000.00	5.00	\$45,000.00
70	MANHOLES TYPE A 6" DIA. RESTRICTOR STRUCTURE (OPTION A)	EACH	1	\$10,400.00	\$10,400.00	1.00	\$10,400.00
71	INLET TYPE A TYPE 8 GRATE	EACH	32	\$1,200.00	\$38,400.00	33.00	\$39,600.00
72	INLET TYPE A TYPE 11 FRAME AND GRATE	EACH	16	\$1,300.00	\$20,800.00	16.00	\$20,800.00
73	VALVE VAULTS TYPE A 4" DIAMETER TYPE 1 FRAME CLOSED LID	EACH	23	\$2,800.00	\$64,400.00	23.00	\$64,400.00
74	VALVE VAULTS TO BE ADJUSTED	EACH	1	\$400.00	\$400.00	0.00	\$0.00
75	VALVE VAULTS TO BE REMOVED	EACH	10	\$950.00	\$9,500.00	4.00	\$3,800.00
76	FRAMES AND LIDS TO BE ADJUSTED	EACH	14	\$450.00	\$6,300.00	1.00	\$450.00
77	REMOVING MANHOLES	EACH	6	\$450.00	\$2,700.00	3.00	\$1,350.00
78	REMOVING INLETS	EACH	3	\$450.00	\$1,350.00	5.00	\$2,250.00
79	COMBINATION CONCRETE CURB AND GUTTER TYPE B 8 12	FOOT	3772	\$35.00	\$132,520.00	4,018.00	\$140,630.00
80	COMBINATION CONCRETE CURB AND GUTTER TYPE M 2 12	FOOT	10358	\$14.00	\$145,012.00	10,400.00	\$145,600.00
81	MOBILIZATION	L SUM	1	\$110,000.00	\$110,000.00	1.00	\$110,000.00
82	CCDD/LUST MATERIALS ANALYSIS MANAGEMENT & COMPLIANCE	L SUM	1	\$23,000.00	\$23,000.00	0.19	\$4,439.00
83	CCDD MATERIALS MANAGEMENT ALLOWANCE	L SUM	1	\$15,000.00	\$15,000.00	0.00	\$0.00
84	WATER MAIN TO BE ABANDONED 6"	EACH	1	\$10,000.00	\$10,000.00	1.00	\$10,000.00
85	WATER MAIN TO BE ABANDONED 10"	EACH	1	\$4,200.00	\$4,200.00	1.00	\$4,200.00
86	WATER MAIN LINE STOP 6" (PRESSURE CONNECTION)	EACH	1	\$8,600.00	\$8,600.00	1.00	\$8,600.00
87	WATER MAIN LINE STOP 8" (PRESSURE CONNECTION)	EACH	4	\$9,700.00	\$38,800.00	4.00	\$38,800.00
88	WATERMAIN 12" (DIRECT CONNECTION)	EACH	1	\$6,600.00	\$6,600.00	1.00	\$6,600.00
89	PVC WATER MAIN 6"	FOOT	502	\$42.00	\$21,084.00	380.00	\$15,960.00
90	PVC WATER MAIN 8"	FOOT	3132	\$50.00	\$156,600.00	3,132.00	\$156,600.00
91	PVC WATER MAIN 10"	FOOT	4206	\$56.00	\$235,536.00	4,132.00	\$231,392.00
92	WATER SERVICE RECONNECTION	EACH	94	\$770.00	\$72,380.00	90.00	\$69,300.00
93	DOMESTIC WATER SERVICE BOXES (CURB STOP)	EACH	94	\$534.00	\$50,196.00	90.00	\$48,060.00
94	WATER SERVICE LINE 1 1/2"	FOOT	2305	\$40.00	\$92,200.00	2,263.00	\$90,520.00
95	WATER MAIN CASING WITH SPACERS	FOOT	130	\$85.00	\$11,050.00	0.00	\$0.00
96	DIRECTIONAL BORING 1 1/2" DIA. WATER SERVICE	FOOT	115	\$53.00	\$6,095.00	223.00	\$11,819.00
97	DIRECTIONAL BORING 8" DIA. SS CL B1	FOOT	342	\$225.00	\$77,050.00	420.00	\$94,500.00
98	SANITARY SERVICE TO BE ADJUSTED	EACH	20	\$950.00	\$19,000.00	15.00	\$14,250.00
99	VIDEO TAPING OF SEWERS	FOOT	200	\$5.50	\$1,100.00	0.00	\$0.00
100	CURED IN PLACE PIPE (CIPP) 10"	FOOT	1984	\$34.00	\$67,576.00	1,984.00	\$67,576.00
101	CURED IN PLACE PIPE (CIPP) 12"	FOOT	931	\$38.00	\$35,378.00	931.00	\$35,378.00
102	SANITARY SERVICE REPAIR REMOVE AND REPLACE	FOOT	200	\$140.00	\$28,000.00	7.00	\$980.00
103	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	\$13,638.00	\$13,638.00	1.00	\$13,638.00
104	POROUS GRANULAR EMBANKMENT SUBGRADE	CU YD	1671	\$47.00	\$78,537.00	1,054.00	\$49,538.00
105	STONE WALL REMOVAL AND RECONSTRUCTION	FOOT	100	\$114.00	\$11,400.00	100.00	\$11,400.00
106	DRAIN CONNECTIONS	FOOT	20	\$25.00	\$500.00	0.00	\$0.00
107	BIO SWALE COMPLETE	SQ FT	8410	\$11.00	\$92,510.00	8,126.00	\$89,396.00
108	RAIN GARDEN COMPLETE	SQ FT	35020	\$11.90	\$416,738.00	32,792.00	\$389,224.80
109	UNDERGROUND STORMWATER DETENTION COMPLETE	CU FT	27827	\$8.00	\$222,616.00	27,654.30	\$221,255.84
110	REMOVE AND REPLACE ROCK DITCH	SQ FT	15	\$150.00	\$2,250.00	53.90	\$8,085.00
EX 1	Geotextile Fabric	SQ YD	0	\$0.70	\$0.00	15,571.95	\$10,900.37
EX 2	FRAMES AND LIDS TO BE ADJUSTED	EACH	0	\$115.00	\$0.00	39.00	\$4,485.00
FRC	All Force Accounts #s 1 - 20	L SUM	0	\$31,943.58	\$0.00	1.00	\$31,943.58
					\$4,545,000.00		\$4,522,556.87

DATE: May 13, 2013


REQUEST FOR BOARD ACTION

AGENDA SECTION NUMBER EPS Agenda	ORIGINATING DEPARTMENT Community Development
ITEM Contract Change Order #2 Woodlands Phase 1 Construction Observation HR Green, Inc.	APPROVAL Dan Deeter Village Engineer

Staff is recommending approval of the attached change order 2. This change order includes additional man-hours for construction observation of the rain garden/bio-swales. The anticipated number of man-hours will exceed the number of hours estimated in the original proposal. The 2012 Woodlands Phase 1 Project budget is listed below:

	<u>2012/3 Budget</u>	<u>Costs</u>
• Construction Observation	\$ 131,130	\$ 269,960
○ (with change order #2)		
• Construction	<u>\$5,075,000</u>	<u>\$4,568,473</u>
○ (with all anticipated change orders)		
• Total	\$5,206,130	\$4,838,433
• Contingency		\$ 367,697

MOTION: To Approve a Resolution for the Woodlands Phase 1 Construction Observation Contract Change Order Number 2 in the Amount of \$14,000.00 to HR Green, Inc.

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

RESOLUTION NO. _____

**A RESOLUTION APPROVING THE WOODLANDS PHASE 1 PROJECT
CONSTRUCTION OBSERVATION CONTRACT CHANGE ORDER
NUMBER 2 IN THE AMOUNT OF \$14,000.00 TO
HR GREEN, INC.**

WHEREAS, the Village of Hinsdale (the "Village") and HR Green, Inc. ("HR Green") have entered into that certain Contract (the "Contract") providing for the construction observation of the Woodlands Phase 1 Project; and

WHEREAS, the President and Board of Trustees of the Village hereby find that the circumstances said to necessitate this Change Order were not reasonably foreseeable at the time the Contract was signed, the Change Order was germane to the original Contract as signed, and the Change Order is in the best interest of the Village of Hinsdale and authorized by law;

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Hinsdale, DuPage and Cook Counties and State of Illinois, as follows:

Section 1. Recital. The foregoing recitals are incorporated herein as findings of the President and Board of Trustees.

Section 2. Approval of Change Order. The Change Order is hereby approved in the form attached (Exhibit A) to this Ordinance and by this reference incorporated herein.

Section 3. Final Determination. This Resolution shall constitute the written determination required by Section 33E-9 of the Article 33E of the Criminal Code of 1961, as amended and shall be retained in the Contract file as required by said Section.

Section 4. Execution of Change Order. The Village Manager is authorized to execute the Change Order on behalf of the Village.

Section 5. Effective Date. This resolution shall be in full force and effective from and after its passage and approval.

PASSED: this _____ day of _____ 2013.

AYES:

NAYS:

ABSENT:

APPROVED this _____ day of _____ 2013.

Village President

ATTEST:

Village Clerk

Exhibit A
VILLAGE OF HINSDALE
CHANGE ORDER

Project:	Woodlands Phase 1 Construction Observation	Change Order No. 2
Location:	Various Streets	Contract No. - N/A
Contractor:	HR Green, Inc.	Date: 05-13-2013
		Page 1 of 2

- I. A. Description of Changes Involved:
- 1 Additional Man-hours for construction observation of rain garden and bio-swale construction.
- B. Reason for Change:
- 1 Anticipated hours will exceed the number of hours estimated in the original proposal.
- C. Revision in Contract Price: Total Addition: \$ 14,000.00
- 1 Addition \$ 14,000.00

- II. Adjustments in Contract Price:
- A. Original Contract Price: \$ 223,376.00
- B. Net (addition)(reduction) due to all previous Change Order No. 1 \$ 32,583.75
- C. Contract Price, not including this Change Order \$ 255,959.75
- D. (Addition)(Reduction) to Contract Price due to this Change Order \$ 14,000.00
- E. Contract Price including this Change Order \$ 269,959.75

Project: Woodlands Phase 1 Construction Observation
Location: Various Streets
Contractor: HR Green, Inc.

Change Order No. 2
Contract No. - N/A
Date: 05-13-2013
Page 1 of 2

Accepted:
Contractor: HR Green, Inc.

By: _____
Signature of Authorized Representative

Date

Village of Hinsdale:

By: _____
Signature of Authorized Representative

Date



**HR GREEN, INC.
PROFESSIONAL SERVICES AGREEMENT AMENDMENT**

THIS AMENDMENT, made this _____ day of May, 2013 by and between, VILLAGE OF HINSDALE the CLIENT, and HR GREEN, INC. (hereafter "COMPANY"), for professional services concerning:

WOODLANDS INFRASTRUCTURE IMPROVEMENTS PROJECT - PHASE 1

hereby amends the original Professional Services Agreement dated March 15, 2011 as follows:

The CLIENT and COMPANY agree to amend the Scope of Services of the original Professional Services Agreement and previous amendments as follows:

1. Construction Observation – It is estimated that additional time for construction observation for Phase 1 will be required for the following reasons:

- Additional efforts have been required and will continue to be required in the last month of the contract (which concludes June 1, 2013) in association with the construction of the Rain Gardens and Bio-swales. This construction observation effort is to help ensure that the Landscape Contractor is constructing these critical storm water management features in accordance with plans and specification. The Construction Observation effort is dependent upon the contractor's schedule and efficiencies of their operations for completing these drainage features.
- Each Rain Garden and Bio-swale is independent and unique with respect to the adaptations of each drainage amenity's (rain garden/bio-swale) physical placement and plantings into the existing topographic features. Additionally we have been actively involved with the adjustment of some of the Rain Gardens (plantings and configurations) in conjunction with some residence requests and also field adjustments to enhance the finished amenity.
 - *Est. Hours Range = 100 - 120.00*
 - *Total Construction Obs. NTE: = \$14,000*

CLIENT Project Number: N/A

COMPANY Project Number: 87120250

The CLIENT and COMPANY agree to amend other provisions of the original Professional Services Agreement and previous amendments as follows: N/A

In consideration for these services, the CLIENT AGREES to adjust the payment for services performed by COMPANY on the following basis:

- ☒ Per current rate schedule with a maximum fee to be increased by Fourteen thousand & 00/100 Dollars (\$14,000.00)

THIS AMENDMENT is subject to all provisions of the original Professional Services Agreement.

THIS AMENDMENT, together with the original Professional Services Agreement and all previous amendments represents the entire and integrated AGREEMENT between the CLIENT and COMPANY.

THIS AMENDMENT executed the day and year written above.

VILLAGE OF HINSDALE

HR GREEN, INC.


VILLAGE OF HINSDALE

HR GREEN, INC.

By: David C. Cook, Village Manager

By T. Scott Creech, P.E. - Site Director

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AGENDA EPS Agenda		ORIGINATING		
SECTION NUMBER		DEPARTMENT PUBLIC SERVICES		
ITEM	Ford F250 truck with plow and Ford F150 truck	APPROVAL		
<p>There is \$34,000 in the FY 2013-14 Public Services Department Tree Preservation Capital (2203-7902) to replace a 1998 GMC pick up truck. Through state purchasing contract #4017340 this piece of equipment can be purchased from Bob Riddings Ford Inc. the amount of \$32,235.00.</p> <p>There is also \$35,000.00 in the FY 2013-14 Public Services Water Operations Capital (6102-7902) to replace a 1999 Ford Ranger and 1990 cube van. Through state purchasing contract #4017339 this piece of equipment can be purchased from Bob Ridding's Ford Inc. in the amount of \$22,315.00</p> <p>MOTION: To recommend to the Board of Trustees the approval for the purchase of a 2013 Ford F250 with plow and a 2013 Ford F150 from Bob Ridding's Ford Inc., under state contract in the amount of \$54,550.00.</p>				
STAFF APPROVALS				
APPROVAL	APPROVAL	APPROVAL	APPROVAL	MANAGER'S APPROVAL 
COMMITTEE ACTION:				
BOARD ACTION:				