

**VILLAGE OF HINSDALE
ENVIRONMENT AND PUBLIC SERVICES COMMITTEE MINUTES
TUESDAY, OCTOBER 15, 2013**

Chairman Laura LaPlaca called the meeting of the Environment and Public Services Committee to order at 6:33 P.M., Tuesday October 15, 2013, in Memorial Hall of the Memorial Building, 19 East Chicago Avenue, Hinsdale, IL.

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

ABSENT: Trustee Gerald Hughes

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

Approval of Minutes – September 9, 2013

The EPS Committee reviewed the minutes from the September 09, 2013 meeting. Trustee Saigh motioned for approval of the September 13, 2013 minutes. Trustee Haarlow seconded. The motion passed unanimously.

Public Services Monthly Report

Mr. Franco updated the committee on the Public Services activities.

Relocation of Street Lamp at 130th E. 3rd Street

Chairman LaPlaca introduced this agenda item. Mr. Arquilla, a resident at 130 E. Third Street, addressed the Committee to request that the street light located in the right-of-way near his west property line is removed or relocated at his own expense. Mr. Arquilla stated that the street light is a driving hazard to vehicles using the adjacent driveways and that there is sufficient light on the street from the Union Church parking lot and security lights. Notices were provided to residents on the street concerning this issue. Two residents voiced reservation in person or in writing concerning the resulting light levels. On a trial basis, the street light in question was turned off so that residents could experience the resulting street light levels. After discussions, the Committee agreed to continue the trial illumination conditions. Due to the long lead-times, staff will coordinate with Commonwealth Edison to remove the light. Should residents and the committee agree that the light should stay in-place; this removal order can be cancelled.

To award the services of snow removal on sidewalks in the Central Business District to Fullers Home & Hardware in the amount of \$595 per event not to exceed budgeted amount of \$4,000

Mr. Franco stated that Public Services Department received three bids for snow removal on sidewalks in the Central Business District during the winter of 2013-14. This is a budgeted item. After reviewing the bids, staff recommends the lowest qualified bidder is Fullers Home & Hardware. The Village Manager subsequently awarded the contract to Fullers Home & Hardware.

Engineering Monthly Report

Mr. Deeter updated the committee on the Engineering Projects. IDOT has signed the Oak Street Bridge Phase 1 project report which completes that phase. Phase 2 began this morning with an introductory meeting at IDOT. HR Green will develop the Phase 2 schedule and milestones as soon as possible.

To approve the issuance of a purchase order to Industrial Systems Ltd., in the amount of \$10,695 for replacement of a Calcium Chloride Tank Chairman LaPlaca introduced this agenda item. Mr. Franco noted that the tank that stores the Village's liquid de-icing chemical (calcium chloride) is in need of replacement due to its age and condition. Public Service Department sought and received three bids to replace the tank. After reviewing the bids, staff recommends the lowest qualified bidder is Industrial Systems, Ltd. This is a budgeted item. With no questions from the Committee, Trustee Saigh moved to approve. Trustee Haarlow seconded. The motion passed unanimously.

To approve the disposal of surplus Village equipment through the DuPage Mayors and Managers Conference Chairman LaPlaca introduced this agenda item. Mr. Franco stated that staff is seeking permission from the Committee to dispose of six surplus Village vehicles through the annual DuPage Mayors and Managers Conference vehicle auctions. With no questions from the Committee, Trustee Haarlow moved to approve. Trustee Saigh seconded. The motion passed unanimously.

Adjournment

With no further issues to be brought before the Committee, Trustee Saigh moved to adjourn. Trustee Haarlow seconded. Motion carried and the meeting was adjourned at 7:23 P.M.

Respectfully submitted,

Dan Deeter
Village Engineer

MEMORANDUM

DATE: 11/4/13
TO: CHAIRMAN LA PLACA AND THE EPS COMMITTEE
FROM: GEORGE FRANCO
**SUBJECT: PUBLIC SERVICES MONTHLY REPORT-OCTOBER
2013**

The Public Services Department has continued preparing for the upcoming winter season. Public Service crews have been preparing all snow and ice removal equipment as well as stocking necessary parts for the season. Nearly all snow/ice equipment has been serviced and is considered in good running order, with multi-use vehicles to be broken down and serviced once seasonal tasks are completed.

Public Service crews have continued to assist with special events which have included: the Hinsdale Chamber of Commerce's Farmers Market which ended on October 14th, the Hinsdale Bank's annual October-fest held on October 5th, the Police/Fire Department open house on October 12th, Fall Festival held on October 19th, and the Rotary Run on October 20th.

The Public Services department has also begun bi-weekly checks to monitor for leaf piles in streets and dispersing warning notices as applicable. To date, there have been no warning notices delivered however staff has been alerting landscape contractors of the leaf removal regulations. At this time last year there were 6 warning notices for leaf piles in the roadway.

The annual Christmas decorations, which consist of wreaths only will be arriving on November 21st, with the greenery to be treated with an anti-desiccant, bows attached, and then hung in the Business District before the Annual Christmas Walk on December 6th.

Crews have completed with the 2013-14 grinding and asphalt repair program and will continue to restore asphalt water main break restoration locations as weather permits. Since June, crews have removed and resurfaced approximately 748 tons of asphalt for these repairs for an approximate material cost of \$40,392. In comparison, at this time last year crews had removed and replaced 685 tons of asphalt for an approximate material cost of \$36,305.

Public service crews also responded to and repaired 5 water main breaks during October. The date, type of material and size of the main breaks are as follows:

- | | | |
|------------|---------------------------------------|-----------------|
| • 10/4/13 | 411 S. Elm Street | 6" cast iron |
| • 10/5/13 | 2 nd Street & Grant Street | 8" cast iron |
| • 10/5/13 | 204 S. Vine Street | 8" ductile iron |
| • 10/26/13 | 5530 S. Elm Street | 6" cast iron |
| • 10/31/13 | 5525 S. Quincy Street | 6" cast iron |

The Public Services has been involved in other projects which include:

- The placement of four sets of informative banners placed on decorative light poles in the Business District.
- Continued assistance for the Engineering and Police Department's traffic study which includes placement and removal of counter tubes at designated locations.

- The installation of a new Village of Hinsdale Entrance sign on 55th Street near Monroe St. and new signs were installed for the Police Department and Fire Department before their annual open house.
- The repair of 4 light poles in the Business District, and lighting repairs at the Highland Station platform which included the temporary repair of 5 lights.
- The removal and replacement of 48 LED light fixtures at the KLM paddle tennis courts.
- The removal of 20 ash trees due to Emerald Ash Borer. Since February 2011, 269 ash trees have been removed due to EAB.
- The planting of 7 trees in the Central Business District.
- Staff reviewed and commented on 10 tree preservation plans submitted for building permits.
- The removal of summer annuals from twenty six Business District planting beds and ten containers. After the plant material was removed, the annual beds were roto-tilled and fertilized. A replacement boxwood shrub was planted in the southeast bed at First and Lincoln St. Maintenance was performed on thirteen Business District sustainable planting beds which included shrub trimming, weed removal and trimming back spent perennial foliage.
- 15,500 tulip and hyacinth bulbs were installed in the business district beds. The bulbs will remain dormant over the winter months and begin to emerge in April of 2014.
- Staff was utilized for the Fall Festival by picking up materials and aiding with set up. 500 pumpkins, 40 bales of straw and 50 corn stalks were picked up from Puckerville Farms in Lemont and delivered to the Hinsdale Middle School, where the festival was held.

- Winterization has begun on park equipment and irrigations systems. Nine of twelve irrigation systems have been winterized. Two repairs were made on the Veeck Park main irrigation line. The Burlington Park fountain and a water tanks have also been winterized.
- New parkland name signs were installed at Brook, Stough, Veeck, Burns and the Katherine Legge Lodge. Three additional signs will be installed in November.
- A catch basin repair was completed on the 600 block of South Adams, with two more locations to be completed during November.
- Staff responded to an overflow at the Veeck Park CSO facility on October 31st and completed all required testing per the Village's NPDES permit. Crews were also in to assist in alleviating flooded roadways.

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

PUBLIC SERVICE MONTHLY REPORT FOR**OCT.****2013.00****ROADWAY**

26.00	SIGNS
12.00	POSTS
1.00	SIGNS REPAIRED
2.00	TONS OF COLD MIX USED FOR POTHOLES
40.00	TONS OF HOT MIX
0.00	TONS OF GRAVEL FOR ALLEYS
20.00	WHITE PAINT
35.00	YELLOW PAINT
87.00	MAN HOURS BASIN TOP CLEANING
4.00	MAN HOURS ALLEY GRADING
	MAN HOURS ALLEY
0.00	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

19.00	TREES TRIMMED BY VILLAGE STAFF	
27.00	TREES REMOVED BY VILLAGE STAFF	
52.00	ELM TREES DETECTED BY STAFF	20 Pub. 32 Private
0.00	ELM TREES REMOVED BY STAFF	
0.00	ELM TREES THAT HAVE HAD AMPUTATED LIMBS	
250.00	TREE STUMPS REMOVED	
7.00	TREES PLANTED	
0.00	TREES TRIMMED BY CONTRACTOR	
0.00	NON ELMS REMOVED BY CONTRACTOR	
0.00	ELMS REMOVED BY CONTRACTOR	
20.00	ASH TREES REMOVED DUE TO EAB	269 since Feb. 2011

EQUIP MAINT

14.00	SCHEDULED MAINT
28.00	UNSCHEDULED REPAIRS

WATER OPERATIONS

67945.00	GALLONS OF WATER PUMPED TO DISTRIBUTION SYSTEM
64429.00	PUMPED IN OCTOBER 2012
250.00	FEET OF SEWER LINES CLEANED
0.00	SEWER BACKUP INVESTIGATIONS
1.00	BASINS REPAIRED
0.00	BASINS REBUILT
0.00	BASINS CLEAN FROM DEBRIS INSIDE

127.00	METER READINGS
2.00	WATER METERS REPAIRED
5.00	WATER METERS INSTALLED
1.00	HYDRANTS REPAIRED
35.00	HYDRANTS FLUSHED
5.00	WATER MAINS REPAIRED
1.00	SEWER SERVICE LOCATED
549.00	J U L I E LOCATE REQUEST
8.00	WATER CONNECT OR DISCONNECT INSPECTIONS
6.00	VALVES EXERCISED
0.00	VALVES REPAIRED
8.00	WATER METERS REMOVED
0.00	SEWER CONNECT INSPECTIONS
11.00	FOUNTAINS SERVICED

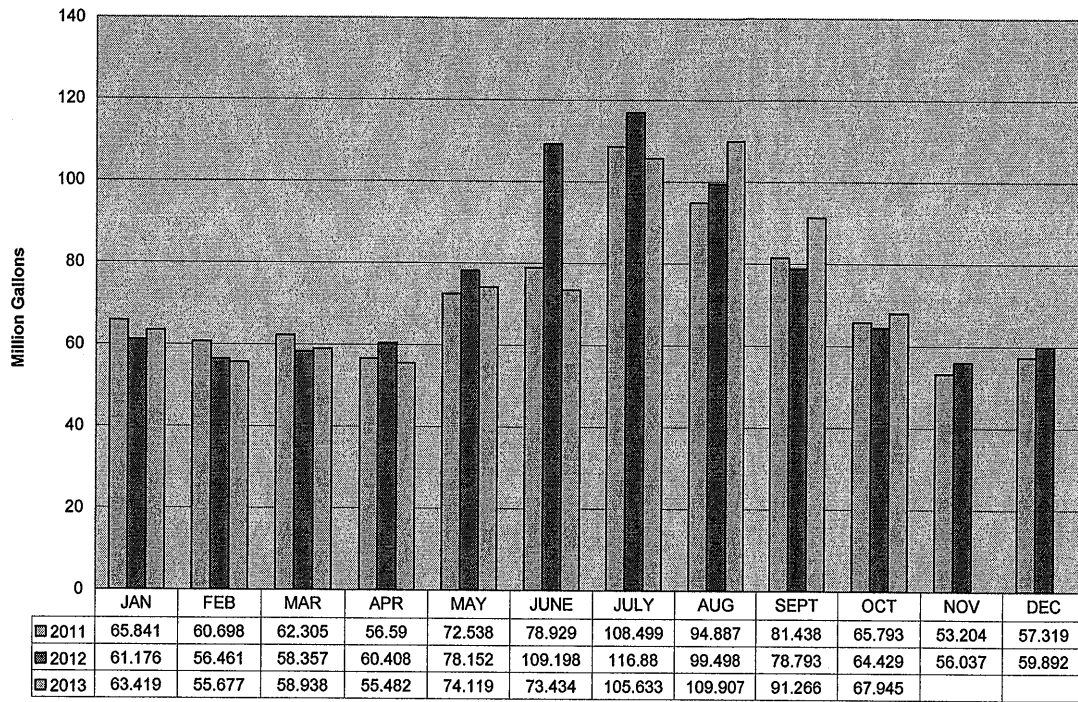
PARKS MAINTENANCE

Contractual landscape maintenance and mowing has continued during the month. Routine maintenance including claning and stocking of parkland bathrooms, refuse removal in parklands, linestriping of 27 fields, debris removal from tennis courts, and goal/net repairs have continued. Planting beds in the business district have been prepared for the winter season and tulip bulbs have been planted. KLM grounds have been maintained foe weddings and rentals. Irrigation systems are in the process of being winterized as well as the Burlington Park fountain. New parkland name signs are being installed and should be completed in November.

BUILDING MANTENANCE

Building maintenance crews have been monitoring and servicing heating systems in Village owned buildings, making repairs as needed. Service calls for the month of October include: roof and gutter leak repairs at the Water Plant building, new locks installed at Village Hall Manager's office, sealing of seams on the exterior duct work at KLM lodge above the dining room, bathroom fan motor replacement at the Police Department, winterization of the Community Pool building, and maintenance to the emergency generatos at the PD/FD.

MONTHLY PUMPAGE



High Service and Well Pump Maintenance

October 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- Check oil, grease fittings, and run for Bacteria Samples.

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 October, 2013

# of Bacteria samples	<u>25</u>	
# of field chlorine	<u>21</u>	
# of field turbidities	<u>21</u>	
# of lab chlorine	<u>27</u>	
# of lab turbidities	<u>27</u>	
# of lab pH	<u>27</u>	
# of lab fluoride	<u>27</u>	
# of precipitation readings	<u>0</u>	
# of temperature readings(air)	<u>25</u>	
# of temperature readings(water)	<u>30</u>	
# of DBP samples	<u>2</u>	
# of Pumps serviced		<u>8</u>
# of Sprinkling Violations	<u>0</u>	
# of UCMR3 Samples	<u>2</u>	

VILLAGE OF HINSDALE - IL 0434520

MONTHLY REPORT

Month: October, 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	2639	0.99	0.03	1.06	66	65	0.00
2	2790	0.98	0.03	1.03	66	70	0.00
3	2523	0.97	0.03	1.05	66	74	0.00
4	2422	0.98	0.03	1.05	66	73	0.00
5	2210	0.90	0.03	1.02	66	70	0.00
6	2140				66		0.00
7	2247	0.93	0.03	1.03	66	70	0.00
8	2181	0.91	0.03	1.05	65	71	0.00
9	2468	0.92	0.03	1.06	65	73	0.00
10	2438	0.92	0.03	1.03	64	72	0.00
11	2388	0.93	0.03	1.02	64	71	0.00
12	2287				64		0.00
13	2100	0.99	0.03	1.06	64	65	0.00
14	2368	0.96	0.03	1.02	63	63	0.00
15	2185	1.00	0.03	1.05	63	60	0.00
16	2130	0.99	0.03	1.10	62	59	0.00
17	2197	1.00	0.03	1.11	62	62	0.00
18	2049	1.00	0.03	1.08	61	70	0.00
19	2020	0.98	0.03	1.02	61	65	0.00
20	2170				60		0.00
21	2038	0.92	0.03	1.08	60	50	0.00
22	2014	0.95	0.03	1.11	59	55	0.00
23	2028	0.95	0.03	1.08	59	60	0.00
24	2043	1.00	0.03	1.07	58	60	0.00
25	2039	0.99	0.03	1.10	57	50	0.00
26	1964	0.94	0.03	1.05	57		0.00
27	2056				57		0.00
28	2042	0.94	0.03	1.05	56	60	0.00
29	2014	0.95	0.03	1.10	56	45	0.00
30	1951	1.00	0.03	1.11	56	50	3.00
31	1804	0.99	0.03	1.08	56	55	3.00

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
<i>Sum:</i>	67945						6.00
<i>Avg:</i>	2192	0.96	0.03	1.06	62	63	0.19
<i>Max:</i>	2790	1.00	0.03	1.11	66	74	3.00
<i>Min:</i>	1804	0.90	0.03	1.02	56	45	0.00

Reported By: DL 26

VILLAGE OF HINSDALE, PLANT REPORT

Month: October, 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	2639	91.0	7.5	15.4	92.5	64.8	0.0	0.0	5.9
2	2790	90.6	7.2	15.1	93.6	64.7	0.0	0.0	6.1
3	2523	91.3	7.6	15.4	92.2	64.5	0.0	0.0	5.2
4	2422	91.0	8.7	16.2	92.0	64.0	0.0	0.0	1.0
5	2210	91.6	8.4	15.8	94.2	64.3	0.0	0.0	4.1
6	2140	91.3	8.4	15.9	92.3	64.0	0.0	0.0	3.5
7	2247	91.1	8.2	15.7	94.2	64.1	0.0	0.0	4.4
8	2181	90.4	8.1	15.5	92.6	63.9	0.0	0.0	7.2
9	2468	91.2	7.4	14.7	95.9	64.3	0.0	0.0	2.9
10	2438	91.4	8.0	15.5	93.0	64.6	0.0	0.0	4.5
11	2388	91.2	8.0	15.5	93.2	64.3	0.0	0.0	4.7
12	2287	91.4	8.4	15.9	93.8	64.3	0.0	0.0	3.8
13	2100	91.5	8.2	15.7	93.8	64.0	0.0	0.0	4.1
14	2368	91.1	8.0	15.5	92.7	64.2	0.0	0.0	3.7
15	2185	91.2	8.1	15.6	92.8	64.0	0.0	0.0	4.9
16	2130	90.7	8.2	15.7	95.0	63.7	0.0	0.0	4.1
17	2197	91.4	7.8	15.2	92.9	64.2	0.0	0.0	4.6
18	2049	91.4	8.1	15.6	94.0	63.9	0.0	0.0	4.4
19	2020	91.1	8.2	15.6	92.1	63.8	0.0	0.0	5.1
20	2170	90.4	8.3	15.8	92.5	63.6	0.0	0.0	4.0
21	2038	91.4	8.2	15.7	95.5	64.1	0.0	0.0	4.2
22	2014	91.5	8.2	15.7	93.7	64.0	0.0	0.0	4.1
23	2028	91.3	7.7	15.1	94.3	63.8	0.0	0.0	3.8
24	2043	91.3	7.9	15.3	94.3	63.9	0.0	0.0	4.7
25	2039	90.9	8.1	15.6	94.5	63.6	0.0	0.0	4.1
26	1964	91.0	8.2	15.7	94.9	63.8	0.0	0.0	6.3
27	2056	91.3	8.2	15.8	94.9	63.8	0.0	0.0	4.1
28	2042	91.4	8.2	15.7	94.9	63.9	0.0	0.0	4.1
29	2014	91.4	8.1	15.7	98.3	63.9	0.0	0.0	4.0
30	1951	91.7	8.1	15.7	103.5	64.0	0.0	0.0	4.1
31	1804	91.5	8.0	15.6	102.8	64.0	0.0	0.0	4.6
<hr/>									
Sum:	67945						0.0	0.0	136.3
Avg:	2192	91.2	8.1	15.6	94.4	64.1	0.0	0.0	4.4
Max:	2790	91.7	8.7	16.2	103.5	64.8	0.0	0.0	7.2
Min:	1804	90.4	7.2	14.7	92.0	63.6	0.0	0.0	1.0

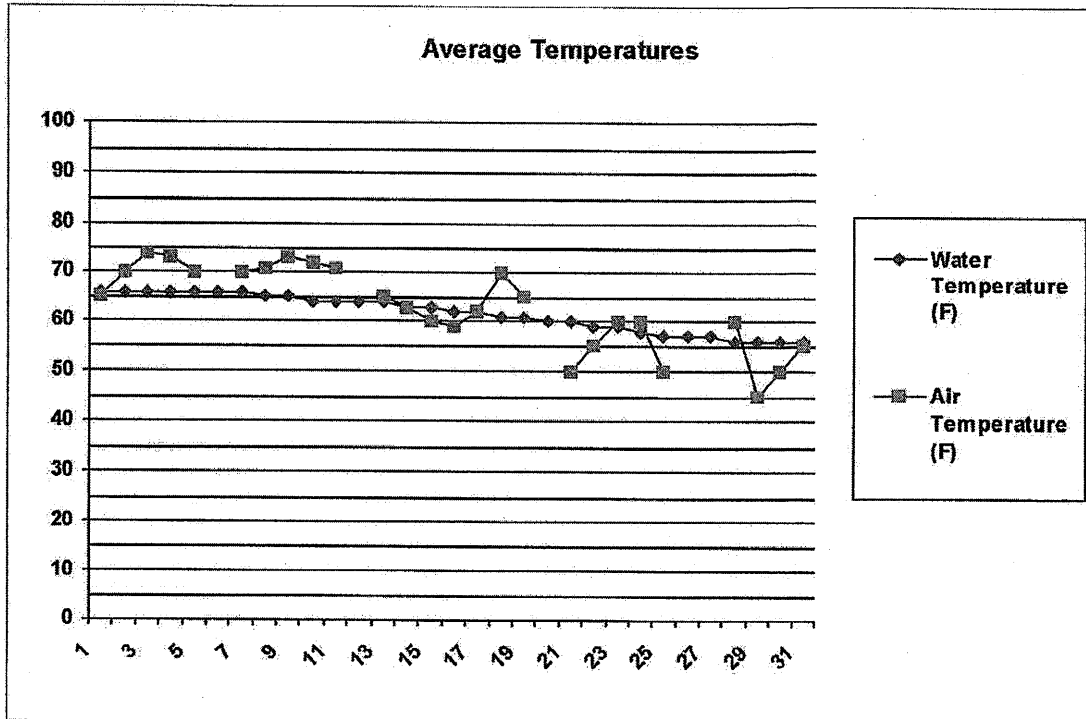
VILLAGE OF HINSDALE, PLANT REPORT

Month: October, 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)	Lab (ppm)					
1	0	2639	2639	0.92	0.99	0.03	1.06	66	65	0.00
2	0	2790	2790	0.94	0.98	0.03	1.03	66	70	0.00
3	0	2523	2523	0.96	0.97	0.03	1.05	66	74	0.00
4	0	2422	2422	0.94	0.98	0.03	1.05	66	73	0.00
5	0	2210	2210	0.79	0.90	0.03	1.02	66	70	0.00
6	0	2140	2140	0.80				66		0.00
7	0	2247	2247	0.78	0.93	0.03	1.03	66	70	0.00
8	0	2181	2181	0.80	0.91	0.03	1.05	65	71	0.00
9	0	2468	2468	0.83	0.92	0.03	1.06	65	73	0.00
10	0	2438	2438	0.92	0.92	0.03	1.03	64	72	0.00
11	0	2388	2388	0.94	0.93	0.03	1.02	64	71	0.00
12	0	2287	2287	0.99				64		0.00
13	0	2100	2100	0.95	0.99	0.03	1.06	64	65	0.00
14	0	2368	2368	0.99	0.96	0.03	1.02	63	63	0.00
15	0	2185	2185	0.96	1.00	0.03	1.05	63	60	0.00
16	0	2130	2130	0.94	0.99	0.03	1.10	62	59	0.00
17	0	2197	2197	0.96	1.00	0.03	1.11	62	62	0.00
18	0	2049	2049	0.89	1.00	0.03	1.08	61	70	0.00
19	0	2020	2020	0.86	0.98	0.03	1.02	61	65	0.00
20	0	2170	2170	0.89				60		0.00
21	0	2038	2038	0.90	0.92	0.03	1.08	60	50	0.00
22	0	2014	2014	0.98	0.95	0.03	1.11	59	55	0.00
23	0	2028	2028	0.95	0.95	0.03	1.08	59	60	0.00
24	0	2043	2043	0.94	1.00	0.03	1.07	58	60	0.00
25	0	2039	2039	0.95	0.99	0.03	1.10	57	50	0.00
26	0	1964	1964	0.98	0.94	0.03	1.05	57		0.00
27	0	2056	2056	0.97				57		0.00
28	0	2042	2042	0.95	0.94	0.03	1.05	56	60	0.00
29	0	2014	2014	0.96	0.95	0.03	1.10	56	45	0.00
30	0	1951	1951	0.94	1.00	0.03	1.11	56	50	0.00
31	0	1804	1804	0.94	0.99	0.03	1.08	56	55	0.00
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Sum:	0	67945	67945							6.00
Avg:	0	2192	2192	0.92	0.96	0.03	1.06	62	63	0.19
Max:	0	2790	2790	0.99	1.00	0.03	1.11	66	74	3.00
Min:	0	1804	1804	0.78	0.90	0.03	1.02	56	45	0.00

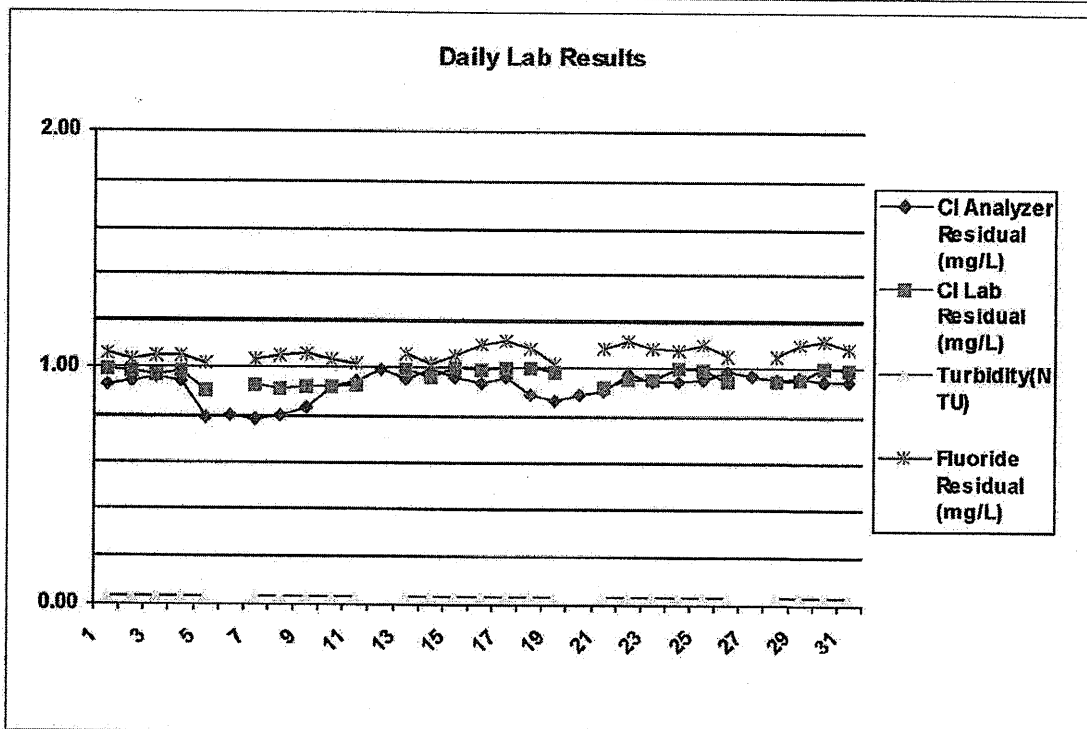
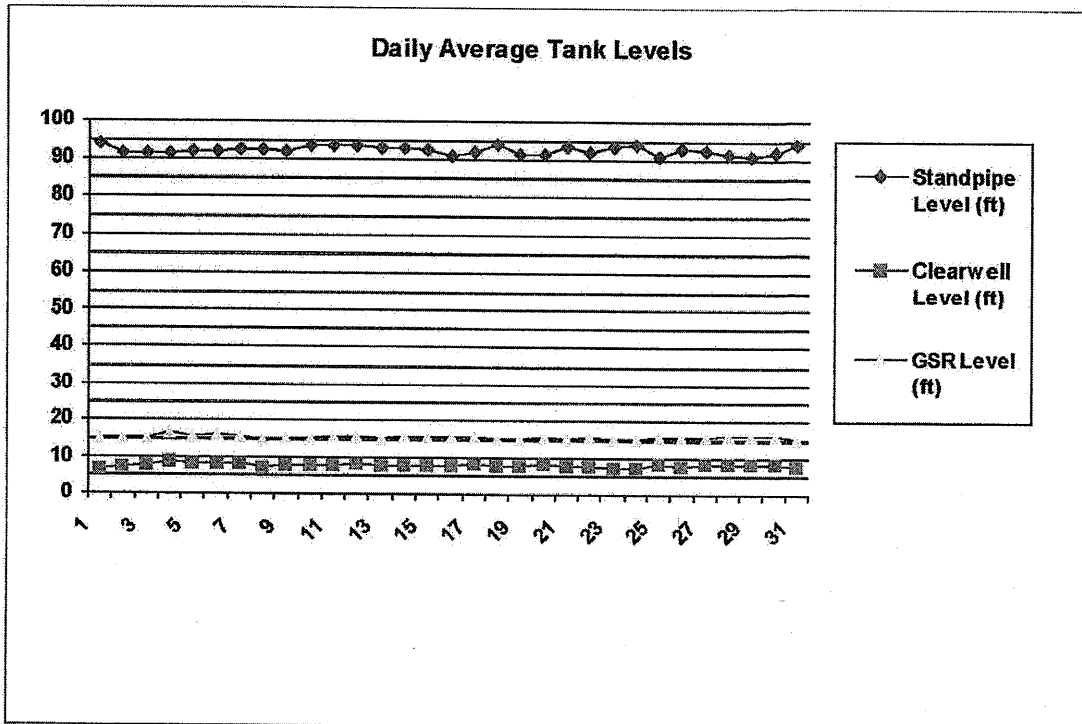
VILLAGE OF HINSDALE, SYSTEM TRENDS

Month: October, 2013



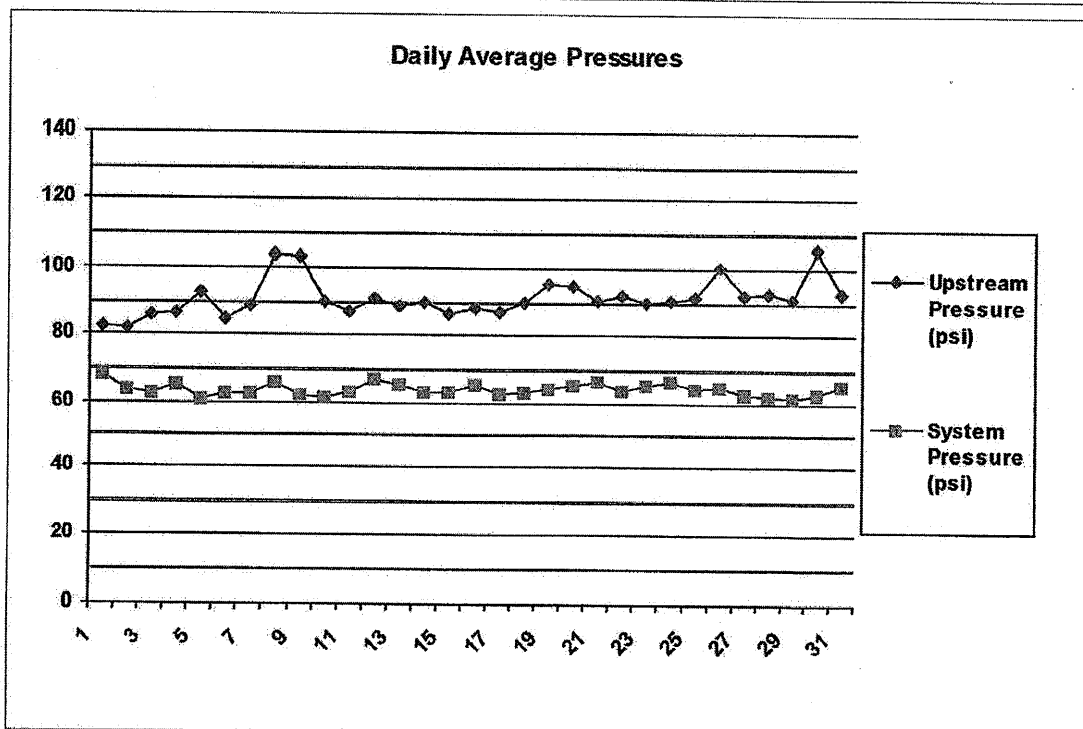
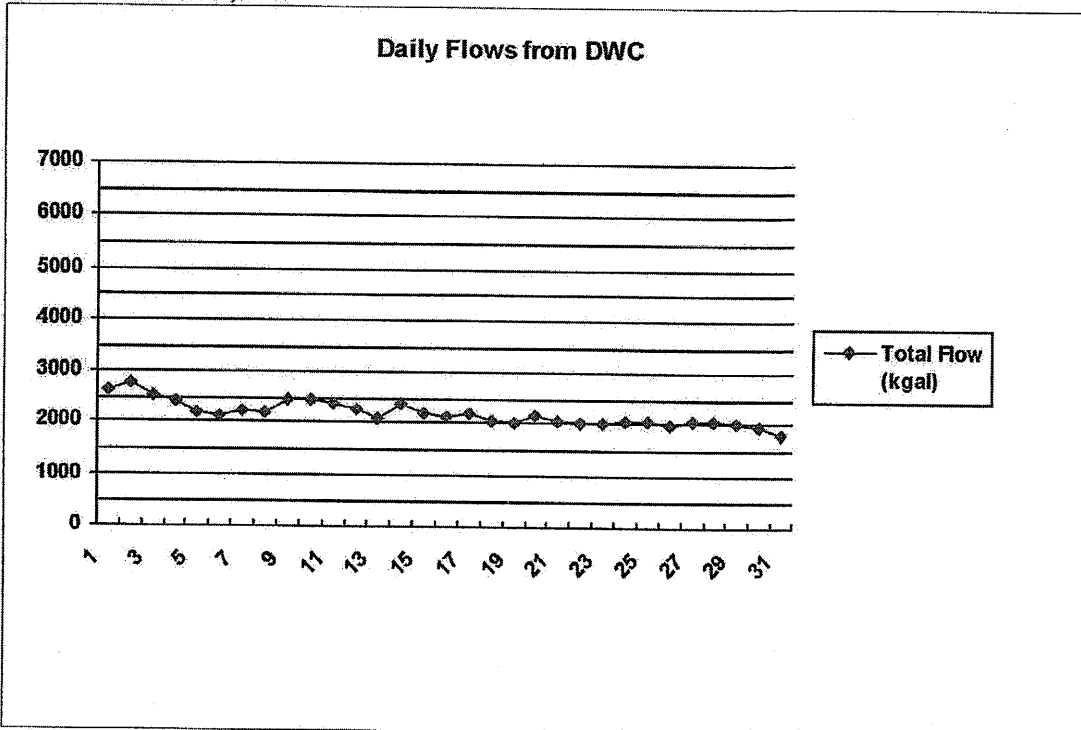
VILLAGE OF HINSDALE, SYSTEM TRENDS

Month: October, 2013



VILLAGE OF HINSDALE, SYSTEM TRENDS

Month: October, 2013



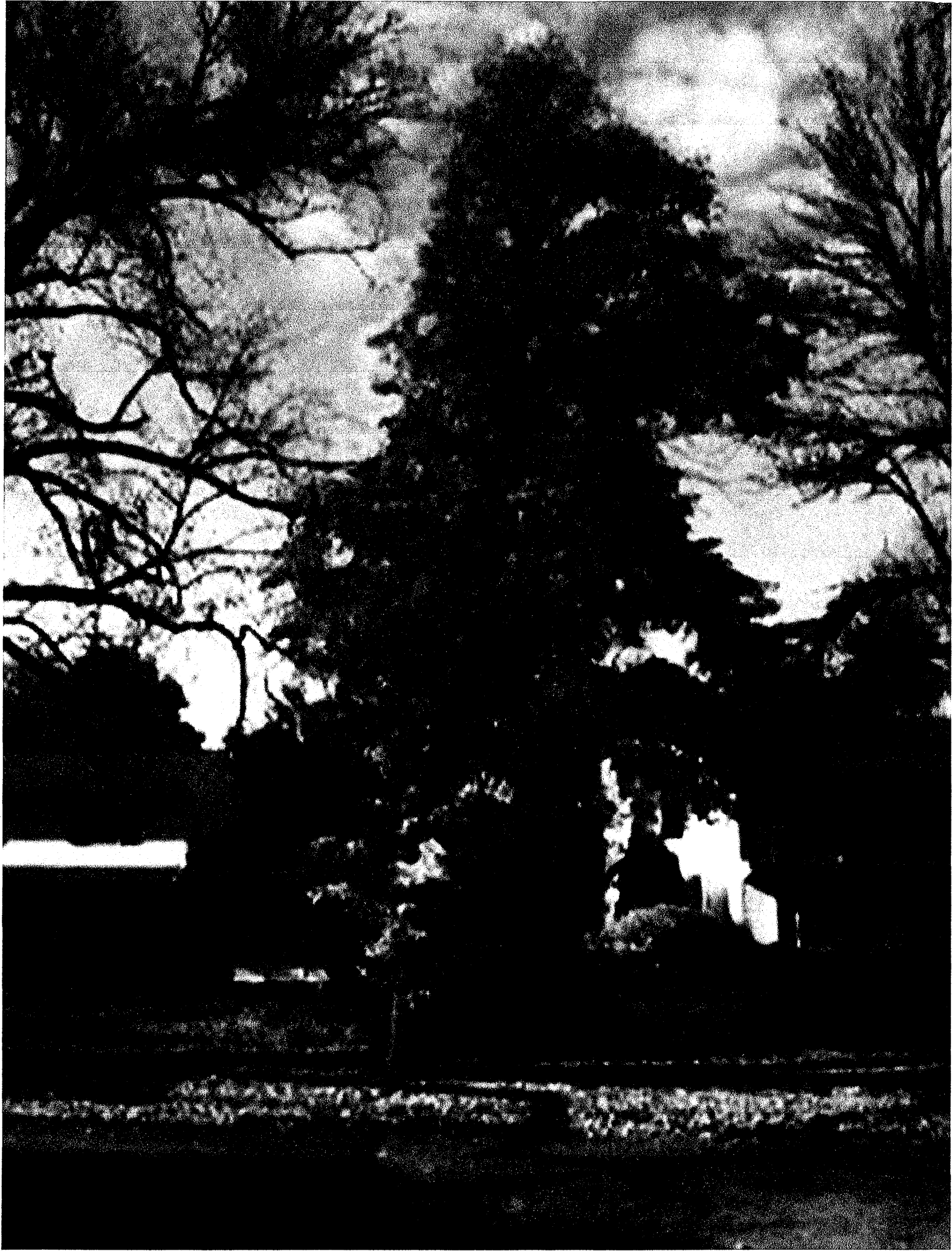
MEMORANDUM

TO: CHAIRMAN LA PLACA AND THE EPS COMMITTEE
FROM: GEORGE FRANCO, DIRECTOR OF PUBLIC SERVICES
SUBJECT: PROPOSED PARKWAY TREE REMOVALS AT 516 NORTH
LINCOLN STREET
DATE: NOVEMBER 7, 2013

Mr. Joseph Molfese is building a new home at 516 N. Lincoln St. His construction plans site the proposed driveway apron to the north of the existing apron and within the Tree Protection Zone of the north parkway tree. Village Construction Guidelines require a minimum distance of 10' from any public tree for new driveway apron plans unless the existing driveway is being reused. This guideline is required because construction preparation and installation of drives and aprons sited within a tree's critical root zone can negatively impact the tree by severing large buttress roots and compacting soil; significantly compromising the tree's health and structural condition. The current construction plans for the new drive do not fulfill this requirement. In order to site the drive per the construction plans Mr. Molfese is requesting permission to remove this tree located near the north property line.

The tree is an American linden that has a 19.0" diameter at 4.5' above grade. The estimated height of the tree is 55' and the estimated canopy width is 25'. The tree's condition is rated as good in the Village's tree inventory completed in 2012. 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.

Staff has not permitted the removal of this tree as requested. Mr. Molfese is appealing that decision to the EPS committee per their function as the Village's "Tree Board". Per e-mail, Mr. Molfese has received information on Village Code fees regarding parkway tree removals. Staff is requesting direction from the Committee in responding to his request.





MEMORANDUM

TO: Chairman LaPlaca and EPS Committee
FROM: Dan Deeter
DATE: November 11, 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 177 site inspections for the month of October. The following capital improvement projects and engineering studies are underway.

Oak Street Bridge Replacement Engineering Phase II/Design Engineering

- | | |
|----------------------------------------------------------------------|-------------|
| ✓ Village was informed that FHWA approved beginning phase II | 10/01/13 |
| ✓ Kick-off meeting with IDOT | 10/15/13 |
| ➤ 30% Plan Submittal to Village | 01/08/14 |
| ➤ 60% Plan Submittal to Village and IDOT | 05/28/14 |
| ➤ 90% Plan Submittal to Village and IDOT | 10/08/14 |
| ➤ Final Plans, Specifications & Estimates (PS&E) to Village and IDOT | 12/08/14 |
| ➤ IDOT Construction Letting | 01/08/15 |
| ➤ Award of Construction Bid | 02/25/15 |
| ➤ Construction Begins | Spring 2015 |
| ➤ Oak Street Reopens | 11/12/15 |

Woodlands Green Infrastructure Improvements, Phase 1

- | | |
|--------------------------------------------------------------------|-----------|
| ➤ Final Completion (plantings, surface course) | June 2013 |
| ➤ The contractor will provide two years of rain garden maintenance | |

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

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| ➤ Construction | May – Nov. 2013 |
| • 2013 Resurfacing (N. County Line Road and other streets) | |
| ○ Contractor has completed paving of all streets. Work on final punch list items is expected to be completed on 11/08/13. | |
| ○ As of 10/01/13, total construction change orders for 2013 Resurfacing to date: \$41,006. Remaining Project Budget/Contingency: \$80,202. | |
| • 2013 Reconstruction (W. Fourth and other streets) | |
| ○ Contractor is behind schedule due to heavy rains in June, Nicor construction of new gas main & services, and labor & equipment shortages due to contractor job conflicts. | |
| ○ Third, Park, and Oak Street resurfacing has been completed. | |
| ○ Fourth, Sixth, Monroe, and Thurlow Streets reconstruction is complete. | |
| ○ Chicagoland is working to complete the 800-block of S. Bodin by mid-November. | |

- As of 10/01/13, total construction change orders for 2013 Reconstruction to date: \$27,421 addition. Remaining Project Budget/Contingency: \$1,595,719.

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 |
| ○ Staff has reviewed & commented on the 60% plan sets | |
| • Construction bidding | February 2014 |
| • Construction Contract Awarded | March 2014 |
| • Construction Starts | April 2014 |

Staff is planning for additional infrastructure construction for water main repairs, 2014 Maintenance/Resurfacing project, Fifth & Grant storm sewer, and N. Madison storm sewer improvements. These projects will be integrated into existing projects to achieve volume discounts when possible.

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
Village Manager

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)
10/01/13	0.00		2.24	
10/02/13	0.10		2.93	
10/03/13	0.20		1.92	0.57
10/04/13	0.10		4.65	
10/05/13	0.05		2.71	0.77
10/06/13	0.04		16.18	0.05
10/07/13	0.00		2.63	
10/08/13	0.03		3.40	
10/09/13	0.00		3.45	
10/10/13	0.00		3.49	
10/11/13	0.00		3.44	
10/12/13	0.04		3.47	0.09
10/13/13	0.03		3.50	
10/14/13	0.00		2.21	
10/15/13	0.01		1.98	0.15
10/16/13	0.00		2.01	
10/17/13	0.00		2.05	0.07
10/18/13	0.00		2.06	
10/19/13	0.00		2.07	
10/20/13	0.00		1.92	0.14
10/21/13	0.04		2.95	
10/22/13	0.00		2.90	0.05
10/23/13	0.00		1.87	0.01
10/24/13	0.00		1.92	
10/25/13	0.00		1.83	
10/26/13	0.00		2.06	
10/27/13	0.00		1.86	
10/28/13	0.00		2.08	
10/29/13	0.01		1.95	0.26
10/30/13	0.01		1.93	0.34
10/31/13	8.78	0.78	26.00	2.36

Total Precipitation in October 4.86
Departure from Normal: 2.15

Notes:

1. Minimum tank elevation is 2.0 feet to avoid running the pumps dry and
2. Rain data from Hinsdale Middle School Weather Station.

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
Total				<u>\$4,895,000</u>

MEMORANDUM

TO: Chairman LaPlaca and the Environment & Public Services Committee

FROM: Dan Deeter, Village Engineer

DATE: November 11, 2013

RE: Clean Construction & Demolition Debris Update

In 2012, the Illinois Pollution Control Board approved regulations to implement what is commonly referred to as the Clean Construction & Demolition Debris (CCDD) Act. This act regulates non-hazardous, "clean" material that is excavated from construction sites and is disposed of in an existing quarry. On a typical Hinsdale construction project, this material would include the rock and clay removed when digging a utility trench. (The trench is backfilled with non-compacting crushed stone and the excavated material is hauled off). The Illinois EPA's interest in regulating this activity is to protect the groundwater in the vicinity of the accepting quarries.

In 2013, the Illinois Pollution Control Board is considering whether to add regulations which require monitoring wells around the quarries that accept CCDD material. Monitoring wells would open the quarry operators up to huge liabilities since any perceived contamination would require expensive, potentially unending clean up costs. The little profit they now get from accepting CCDD material wouldn't justify this risk. Therefore, many quarry operators will get out of the CCDD business. With fewer quarries accepting CCDD materials, trucking distances (fees) and dumping costs would increase.

The regulator's response is that the construction industry has the option to "lose the excess material on site". This is easy for a project with a large area such as a shopping mall complex. But, it's impossible for municipal street work where there's limited right-of-way. (We'd end up making berms in the parkways which would kill the parkway trees.)

Currently, the CCDD cost for Hinsdale Master Infrastructure Plan projects averages more than 6% of the overall project cost. Our best indication of the impact of this proposed change to the regulations is the current cost of "Special Waste" disposal. The cost of "Special Waste" is approximately three to four times the cost of CCDD disposal. Therefore, we estimate that should the Illinois Pollution Control Board implement monitoring well regulations, costs for our MIP construction projects and water main maintenance/repair projects will increase by 12 – 18%.

Our environmental consultant, Mr. Jim Huff of Huff & Huff, Inc. is representing Hinsdale along with a variety of private and public entities during these proceedings. A decision by the Illinois Pollution Control Board is expected before the end of the year.

cc: Kathleen Gargano, Village Manager



FALL 2013

Chlorides & Water Quality Standards

Illinois's Primary Contact Water Quality Standard for chlorides has long been a single not-to-exceed value, 500 mg/L. Urban streams routinely exceed 500 mg/L during snow melt periods from de-icing practices in the drainage basin. In addition, communities that soften well water, either in centralized facilities or in private homes that discharge to smaller streams exceed the 500 mg/L during low stream flow periods.

U.S. EPA has pushed states to adopt both chronic and acute chloride water quality standards. Several years ago, the U.S. EPA suggested 388 mg/L chronic and 860 mg/L acute standards. For streams that are not meeting 500 mg/L, 388 mg/L is more problematic, although this limit is based on 4-sample average.

The State of Iowa, based on work of Dr. David Soucek of the Illinois State Water Survey, developed alternative chloride standards when factoring in the sulfate concentration of the stream. Region V U.S. EPA is currently funding additional chloride toxicity testing of more sensitive species with Dr. Soucek. The results of these studies are currently under U.S. EPA review, with an expectation that the U.S. EPA supported chloride water quality standards will be further tightened.

If this isn't disconcerting enough for point source dischargers, Region V is now demanding a 500 mg/L chloride effluent limit on point source dischargers to chloride impaired streams, in the NPDES Permits up for renewal. Historically Total Maximum Daily Loads (TMDLs) studies would be done before imposing such effluent limits, which would show salt used for de-icing is the largest contributor in most urban watersheds. This is not being done in Illinois currently. Variances in Illinois are now near impossible to secure, as Region V is requiring U.S. EPA economic testing as part of any such variance.

It is not clear how this issue will be resolved. One option that may help, but not totally solve the issue is determining the Water Effects Ratio (WER). U.S. EPA developed this protocol for metals, but may benefit chloride discharges. Basically the WER is the ratio of the chloride toxicity using the receiving stream's water and laboratory prepare water.

If chlorides can be shown to be less toxic in the receiving

Huff & Huff, Inc. Environmental Consultants

water than in laboratory water, the water quality standard could be adjusted by this ratio. Huff & Huff has been coordinating such tests for one of our clients. The initial results show limited benefit.

Clearly, Region V's involvement on this issue has increased significantly over the past year, and permit renewals will be more difficult going forward.

CCDD Update

The CCDD regulations adopted by the Illinois Pollution Control Board (Board) have been in existence for a little over a year now. Communities, Contactors, Consultants, and the CCDD receiving facilities are getting into a better routine as they figure out these regulations. Well, changes are pending based upon Docket B. A hearing was held in May and post hearing comments submitted in early August to the Board. There was not consensus among the participants, and the Board has some difficult technical issues to work out. Whether to require monitoring wells at the quarries is the big issue, and there was considerable testimony on the economic impact if monitoring wells are adopted, and a number of witnesses indicated many quarries will exit the market before installing monitoring wells.

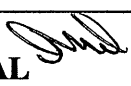


The parameters that must be tested for in these monitoring wells, including iron, magnesium, manganese and chloride was also raised as a major concern. Remediation is required within six months of discovery of an exceedance of the class 1 standards. The Illinois EPA clarified its position that remediation would be required before they would consider granting a Groundwater Management Zone. The Board will have a challenge in deciding this issue, and its decision will not please all participants.

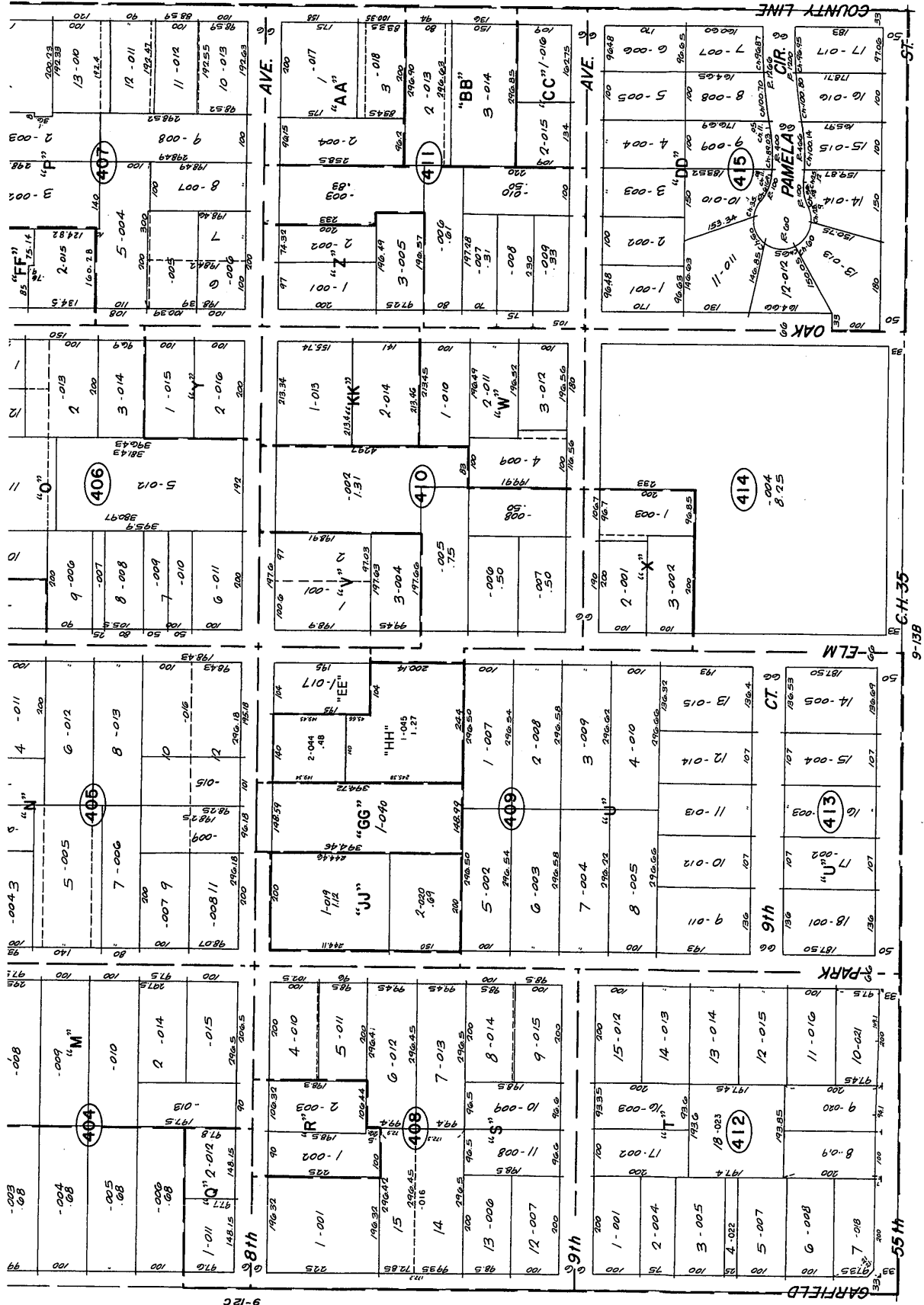
The upper pH limit for uncontaminated soil (currently 9:0) was also raised by Jim Huff as an issue. There was general support for raising this pH limit and there is a good chance the Board will raise the maximum pH to 11.0.

Depending on the Board's decision, expected before the end of the year, the available disposal options for uncontaminated soil by the end of 2014 could be drastically reduced.

DATE: November 11, 2013

REQUEST FOR BOARD ACTION

AGENDA SECTION NUMBER		ORIGINATING DEPARTMENT Community Development		
ITEM Plat of Consolidation – 927 & 929 S. Garfield – Cumming's Consolidation of Lots 4 and 5 in Wm. W. Thompson's Subdivision		APPROVAL Daniel Deeter Village Engineer		
<p>Staff has received a request from Dan and Beth Cummings to consolidate the two lots at 927 and 929 S. Garfield. The subject properties currently exist as two separate lots and the petitioner is proposing to consolidate them into one. While no construction is proposed at this time, the applicant would like to consolidate them to clean up their records for the purpose of taxes and refinancing the property. The property at 927 S. Garfield was originally owned several years ago by the Methodist Church just to the south of the subject property and was maintained as an additional ingress/egress to the church property. When the church realized they no longer required this property as access, it was purchased from the church but never consolidated at that time. The property at 927 S. Garfield is approximately 5,000 square feet and the property at 929 S. Garfield (where the Cumming's residence currently exists) is approximately 20,000 square feet. The consolidation of the property would result in a single lot totaling approximately 25,000 square feet. Attached please find the reduced plat of consolidation as well as the Sidwell map identifying the areas to be consolidated.</p> <p>The subject property is currently zoned IB, Institutional Buildings. While the existing zoning district requires a minimum lot size of 50,000 square feet, the applicant is not proposing to change the size or dimensions of the lots, but is simply looking to consolidate the two lots into one lot of record. As such, there are no bulk standards being affected by the consolidation and staff respectfully requests the following motion.</p> <p>MOTION: To approve "A Resolution Approving and Accepting A Plat of Consolidation To Consolidate The Properties Commonly Known As 927 and 929 S. Garfield In The Village of Hinsdale, County of DuPage".</p>				
APPROVAL 	APPROVAL 	APPROVAL	APPROVAL	MANAGER'S APPROVAL 
COMMITTEE ACTION:				
BOARD ACTION:				



CLARK'S SUB. "1"
THOMPSON'S, WM. H., SUB. "2"
CONLEY'S SUB. "3"
ARMSTRONG'S SUB. "4"
WOODS SUB. "5"
MURPHY'S SUB. "6"
LIVING'S RESUB. "7"
OAK STREET & 8TH AVENUE SUB. "8"
MURPHY'S RESUB. "9"
OAK STREET & 8TH AVENUE SUB. "10"
FOSSTER, A.E., & CO'S PANELA CIRCLE "11"
MAC DIARMID, SHEILA & CASSIDY, SUB. "12"
PARKER'S SUB. "13"
ELM STREET SUB.-PT. VAC. "14"
PRIELAN-YEH SUB. "15"
CONLEY'S SUB. "16"
ROBINSON JAMES RESUB. "17"

SCALE: 1" = 100'
9-12D

21
DOWNERS GROVE TWP. S.E. 1/4 SEC. 12 T.38N. R.12E.

9-12C

VILLAGE OF HINSDALE

RESOLUTION NO. _____

A RESOLUTION APPROVING AND ACCEPTING A PLAT OF CONSOLIDATION TO CONSOLIDATE THE PROPERTIES COMMONLY KNOWN AS 927 AND 929 S. GARFIELD STREET IN THE VILLAGE OF HINSDALE, COUNTY OF DUPAGE

WHEREAS, the owner of those properties commonly known as 927 and 929 S. Garfield Street, legally described in Exhibit A attached hereto and incorporated herein (hereinafter "Subject Property"), has petitioned the Village of Hinsdale (hereinafter "Village") to approve a Plat of Consolidation to consolidate the Subject Property; and

WHEREAS, a Plat of Consolidation has been prepared and filed with the Village depicting the consolidated Subject Property, and a copy of the Plat of Consolidation is attached hereto and incorporated herein as Exhibit B; and

WHEREAS, on November 11, 2013, the Village of Hinsdale Environment and Public Services Committee approved the Plat of Consolidation for the Subject Property; and

WHEREAS, the President and Board of Trustees have determined to approve and accept the Plat of Consolidation attached as Exhibit B.

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

Section 1. Recitals Incorporated. The above recitals are incorporated into this Resolution and shall have the same force and effect as though fully set forth herein.

Section 2. Plat of Consolidation Approval. The Plat of Consolidation, dated October 1, 2013, and attached as Exhibit B, is hereby approved and accepted.

Section 3. Authorization to Record Plat of Consolidation. The owner of the Subject Property is authorized to record the Plat of Consolidation with the Recorder of Deeds of Dupage County, at the owner's expense.

Section 4. Severability and Repeal of Inconsistent Resolutions and Ordinances. If any section, paragraph, clause or provision of this Resolution shall be held invalid, the invalidity thereof shall not affect any of the other provisions of

this Resolution. All resolutions and ordinances in conflict herewith are hereby repealed to the extent of such conflict.

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

PASSED this ____ day of _____, 20__.

AYES:

NAYES:

ABSENT:

APPROVED this _____ day of _____, 20__.

Thomas K. Cauley, Jr., Village President

ATTEST:

Christine M. Bruton, Village Clerk

EXHIBIT A

CUMMINGS CONSOLIDATION LOTS 4 AND 5, BEING A SUBDIVISION OF LOTS 4 AND 5 IN WM. W. THOMPSON'S SUBDIVISION OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 38, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN ACCORDING TO THE PLAT THEREOF RECORDED MARCH 14, 1927 AS DOCUMENT 231565, DUPAGE COUNTY, ILLINOIS.

PIN: 09-12-412-007
09-12-412-022

EXHIBIT B

PLAT OF CONSOLIDATION

