

**VILLAGE OF HINSDALE  
ENVIRONMENT AND PUBLIC SERVICES COMMITTEE MINUTES  
MONDAY, APRIL 14, 2014**

Chairman Laura LaPlaca called the meeting of the Environment and Public Services Committee to order at 7:40 P.M., Monday April 14, 2014, in Memorial Hall of the Memorial Building, 19 East Chicago Avenue, Hinsdale, IL.

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

**ABSENT:** None

**ALSO PRESENT:** George Franco, Director of Public Services; Tom Bueser, Deputy ~~Director of Public Services; John Finnell, Village Arborist; Dan Deeter, Village Engineer.~~

**Approval of Minutes – March 10, 2014**

The EPS Committee reviewed the minutes from the March 10, 2014 meeting. Chairman LaPlaca revised the wording concerning the roadway grinding program. Trustee Saigh motioned for approval of the March 10, 2014 minutes. Trustee Haarlow seconded. The motion passed unanimously.

**Proposed Parkway Tree Removals at 737 S. Elm Street**

Chairman LaPlaca opened the discussion of the proposed request for tree removals at the residence of 737 S. Elm St. Chairman LaPlaca noted that this building permit was issued before the approval of the ordinance currently in use for requests for tree removal. Therefore, she recommended that this tree removal request should be considered using the previous ordinance criteria. Trustee Hughes inquired about the previous ordinance to which Chairman LaPlaca explained that the previous ordinance for these requests was subjective and “ad-hoc”. Under the previous policy if the tree was unhealthy or inappropriate, approval would be granted. However, if the tree was healthy, modification to the building plans would be requested.

Mr. Burrridge, the resident at 737 S. Elm, addressed Committee and noted the family’s sensitivity to the Village’s tree protection policy and ordinance. The Burrridge’s are requesting the removal of a 15” diameter Ash tree which has been granted due to the infestation of EAB. Also requested is the removal of a 14” Kentucky coffee tree along the 8<sup>th</sup> St. parkway of their residence. The Burrridge’s claim that the tree is alive. However, it is not in great condition which poses a visibility issue when backing onto 8<sup>th</sup> St. They are willing to replace these two trees with two more approved trees.

Trustee Haarlow requested clarification if the two trees to be planted would fit on the parkway of the residence due to spacing of already existing trees. Mr. Finnell commented that there is room for one tree. But, staff would have to measure for spacing requirements on the second tree or place it at another location within the Village.

Using the previous tree protection policy, Committee decided that removal of the two trees is granted. The Burrridge's were directed to work in conjunction with Mr. Finnell to purchase and install two 6" diameter trees, At least one would be planted adjacent to the property and one would be planted at a location directed by the Village Arborist. The trees' species would be decided by mutual agreement between the Village and the Burrridge's.

### **Public Services Monthly Report**

Mr. Franco provided Committee an update on the Village's salt supply which is ~~approximately 50 tons of bulk road salt.~~ He noted there were 2,226 hours of overtime and 1,653 tons of salt utilized during the winter season. The water main break at 107 E. Walnut St. during March will be replaced during this year's MIP improvements. He also noted the Highland Station LED platform lights were failing. These lights were installed during rehabilitation of the platform area two years ago by Metra. Public Services staff has installed temporary lighting while Metra searches for a new vendor to complete the lighting repairs.

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

Chairman LaPlaca introduced the agenda item. Mr. Franco provided summary detail on this item which includes new computers, software licensing, and software updates to the computers utilized in regulating the water distribution system. After Mr. Franco answered questions from Chairman LaPlaca, Trustee Saigh moved to approve. Trustee Hughes seconded. The motion passed unanimously.

### **To award Bid #1551 Elm and Ash Treatments as follows:**

- **Balanced Environments Inc the service of elm inoculation in the bid comparison amount of \$10.81 per diameter inch not to exceed the proposed budgeted amount of \$146,268**
- **Sav-A-Tree the service of ash tree soil injection in the bid comparison amount of \$1.50 per diameter inch not to exceed the proposed budgeted amount of \$12,140**
- **Winkler's Tree Service the service of ash tree trunk injection in the bid comparison amount of \$6.99 per diameter inch not to exceed the proposed budgeted amount of \$7,110**

Chairman LaPlaca provided summary information on this item which includes tree preservation measures of Elm tree inoculations, Ash tree injections, and Ash tree soil drenching. Chairman LaPlaca inquired the effectiveness of the Ash tree treatments. Mr. Finnell noted that it is too early to tell but the injection of Ash trees has shown promise and the soil drenching process is showing no visible signs of decline in treated trees. With no further questions, Trustee Haarlow moved to approve. Trustee Hughes seconded. The motion passed unanimously.

**To award bid #1552 for the service of gasoline delivery, to Warren Oil Company with the fuel delivery bid comparison quantity of \$12,931.50 plus the cost of gasoline and diesel per the Oil Price Information Service Index.**

Chairman LaPlaca introduced the agenda item. Mr. Franco provided summary on this item which provides the Village delivery of gasoline and diesel fuels. Fuel costs are fixed per the OPIS index. With no further questions, Trustee Saigh moved to approve.

~~Trustee Haarlow seconded. The motion passed unanimously.~~

**To award Bid #1554 Contract A, required plumbing for business district planting bed irrigation, to Masters Irrigation in the amount of \$7,780.**

Chairman LaPlaca introduced the agenda item. Mr. Franco provided summary details of this item. Chairman LaPlaca inquired why there was such a deviation between the bids received. She directed that staff consult with the bidders to ensure all services to be provided are correct. Since this item is time sensitive, Chairman LaPlaca directed that, after contact with bidders, a memo should be written for this item to go directly to the Board of Trustees on April 29, 2014 or the May EPS meeting. This item was not voted on.

**To award Bid #1554 Contract B, Burlington Park wall irrigation, to Aquamist in the amount of \$15,840.88.**

Chairman LaPlaca introduced the agenda item. Mr. Franco provided summary details of this item. Chairman LaPlaca again inquired why there was such a deviation between the bids received. She directed staff to consult with the bidders to ensure all services to be provided are correct. Since this item is time sensitive, Chairman LaPlaca directed that, after contact with bidders, a memo should be written for this item to go directly to the Board of Trustees on April 29, 2014 or the May EPS meeting. This item was not voted on.

**To award Bid #1557-Tree Maintenance: to Homer Tree Service not to exceed the proposed budgeted amount of \$133,000.**

Chairman LaPlaca introduced the agenda item. Mr. Franco provided summary detail of this item which provides the service of tree and stump removal services for Village

owned trees. Mr. Franco noted that the bids include prices for emergency work in the event of a storm and trim tickets for tree limb removal which are unreachable by staff and the Village's current equipment. Trustee Hughes inquired regarding the per unit pricing and the comparative price of \$91,402 while the budgeted amount is \$133,000. Mr. Franco noted that the pricing is based off of per inch pricing of the diameter of the tree planned to be removed. The planned quantities in the bid are based on numbers from previous years. Chairman LaPlaca requested a revision to the motion to read as: To award bid #1557-Tree Maintenance: to Homer Tree Service at unit pricing per inch as stated in bid #1557 in an amount not to exceed the budgeted amount of \$133,000. With no further questions, Trustee Hughes moved to approve the revised motion. Trustee Saigh seconded. The motion passed unanimously.

**To recommend to the Board of Trustee's the approval of Clarke Mosquito Control's EarthRight program for the FY 2014-15 in the of \$55,496.**

~~Chairman LaPlaca introduced the agenda item. Mr. Franco provided background~~ information on this item which was presented to Committee at the February meeting. Trustee Saigh asked if spraying for adult mosquitoes was included in the pricing of services. Mr. Franco confirmed that this service would incur extra fees. These extra fees are included in the proposal and would need approval from the Village Manager and/or Board of Trustees. Chairman LaPlaca noted that pricing is locked in for a term of 3 years. With no further questions, Trustee Saigh moved to approve the revised motion. Trustee Hughes seconded. The motion passed unanimously.

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

Chairman LaPlaca introduced this agenda item. Mr. Deeter noted that the Board of Trustees had approved the contract with James J. Benes & Associates in February 2013 for the design of the 2014 Infrastructure Project. Benes has agreed to honor their proposed costs for construction observation from the February proposal. Chairman LaPlaca reminded the committee members that it is the Village's preference to retain the same consultant from design engineering to construction observation if they have provided satisfactory service during the design phase. With no questions from the committee members, Trustee Hughes moved to approve. Trustee Haarlow seconded. The motion passed unanimously

**Engineering Monthly Report**

**Capital Project Status.** Chairman LaPlaca noted that the staff and Board of Trustees had been addressing a variety of infrastructure issues in recent years. These issues include 1) the deteriorating condition of the Village's water mains, 2) the Master

Improvement Plan (MIP), and 3) streets/roads that have experienced accelerated deterioration due the recent harsh winter. The water mains are being address with additional water main repair projects in 2013 and 2014 as well as in MIP projects. Because the MIP was first developed in 2009, Chairman LaPlaca directed staff to re-evaluate the MIP in the Fall of 2014 and report their findings to the committee. The third issue is being addressed through the recently identified and approved "2014 Street Improvement Project". The committee discussed the current street conditions and asked questions concerning the development of the list of streets impacted by the last winter. The committee directed staff to review all the Village's streets to ensure the list includes all streets currently at a designated pavement condition. Alternate streets should be added to the 2014 Street Improvement Project in case the construction bids come in low.

Chairman LaPlaca stated that a fourth infrastructure category that should be considered within the scope of future improvements is the brick streets in the Village. The committee discussed a variety of issues impacting the brick streets including the ~~different improvements that can be made, their associated costs, and funding issues.~~ Trustee Hughes asked if the brick streets should be considered an amenity for the Village as a whole as well as being an amenity for the residents on those streets. The committee directed staff to identify the amount of brick street reconstruction needed and to research cost effective reconstruction techniques to better understand the total costs.

**Oak Street Bridge Phase 2 (Design Engineering) Schedule.** Mr. Deeter noted that the Oak Street Bridge Phase 2 design process was on track. There will be a public meeting on April 29<sup>th</sup> during the Village Board of Trustees' meeting to update the public on the bridge design progress. Chairman LaPlaca and Village Manager, Kathleen Gargano, also commented on the public meeting.

**County Stormwater Management Ordinances.** In 2010, the Village Board adopted the DuPage Countywide Stormwater & Floodplain Ordinance to be applied to both the DuPage and Cook County portions of the Village. With Cook County's adoption of a new Watershed Management Ordinance, the Village staff is working with MWRD to develop an intergovernmental agreement (IGA) to formalize our use of the DuPage County Ordinance across the Village. Once the IGA is developed, staff will bring it to the board of trustees for approval. The Village staff will continue to enforce the Countywide Stormwater & Floodplain Ordinance in both DuPage and Cook County portions of the Village

### **Adjournment**

With no further issues to be brought before the Committee, Trustee Haarlow moved to adjourn. Trustee Saigh seconded. Motion carried and the meeting was adjourned at 10:03 P.M.

Respectfully submitted,

DRAFT

Dan Deeter  
Village Engineer

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**MEMORANDUM**

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**TO:** CHAIRMAN LA PLACA AND THE EPS COMMITTEE  
**FROM:** GEORGE FRANCO  
**SUBJECT: PUBLIC SERVICES MONTHLY REPORT-APRIL 2014**  
**Date:** 5/5/14

The Public Services Department has been preparing for the arrival of moderating temperatures and the spring season. Parkway restoration has been ongoing throughout town with crews placing black dirt and seed to areas of winter plow damage and parkway water main breaks. Permanent asphalt and concrete repairs from water main breaks during the winter will begin during May, with crews then focusing on the grinding and patching list.

The Community Swimming Pool has received much needed attention before opening day on May 24, 2014. Public Service crews have cleaned and removed accumulated debris from the winter months from all three activity pools. The dive pool and kiddie pool have been power-washed and filled. Filtering, heating, and activity pumps are all operational. Currently, contractual crews are replacing tile lane markers in the lap pool. Once this work is complete and cure time for paint used is achieved, staff will begin filling the lap pool. 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 25 soccer fields, 5 lacrosse fields, and 3 tee ball fields for the spring athletic season. Contractual mowing and maintenance has begun by Village contractor Zenith Landscape. Per contract terms Zenith provided spring clean up and laid mulch at: Burns Field, Memorial Building, Burlington Park, Community Pool, KLM Lodge and Eleanor Park. Mowing of all Village green space has begun the week of April 28<sup>th</sup>.

Public Service crews also responded to and repaired five water main breaks during the month of April. These crews have logged approximately 153 hours of overtime to complete repairs to the water distribution system. The dates, locations, and pipe sizes of the water main breaks are as follows:

1.	4/4/14	834 S. Monroe St.	6 inch cast iron main
2.	4/7/14	2 <sup>nd</sup> St. & Grant St.	4 inch cast iron main
3.	4/14/14	5547 S. Monroe St.	6 inch cast iron main
4.	4/15/14	Lincoln St. & Maple St.	4 inch cast iron main
5.	4/25/14	8 <sup>th</sup> St. & Stough St.	6 inch cast iron main
6.	4/28/14	950 York Rd	6 inch ductile iron main
7.	4/28/14	950 York Rd	6 inch ductile iron main
8.	4/30/14	38 S Madison St.	8 inch ductile iron main

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

- The preparation for the Community House Autism Walk held on April 27, 2014 which included street sweeping and pot hole maintenance.
- The preparation for the annual Bunny Bash held at Robbins Park on April 19, 2014 which included additional refuse containers and cones
- The removal of 49 tree stumps in parkways throughout the Village which were backfilled with dirt and seeded.
- The response and completion of all IEPA sampling for an overflow event at the Veeck Park CSO facility on 4/3/2014.



- The underground repair of decorative lighting electrical wiring at the intersection of Symonds Drive and Park Street. New decorative light poles have been installed at the exit of the KLM parking lot and in front of 217 Symonds Drive which failed over the winter.
  - Village staff participated in an Arbor Day celebration at Oak School. A "Serviceberry" tree was planted on the school grounds. The Village Forester spoke about the benefit of trees in the community and tree care.
  - A total of 380 Ash trees were treated by soil injection to control the emerald ash borer.
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- The installation of a speed limit sign on a decorative street light pole at the intersection of Madison St. and Walnut St.
  - 24 banners were placed in the Central Business District for various upcoming functions within the Village.
  - All parkland buildings have been opened for the season. Village staff has coordinated weekend opening of these buildings and refuse removal from parklands.
  - Staff reviewed and commented on 15 tree preservation plans submitted for building/demolition permits.
  - Completed the servicing of all fire extinguishers in Village owned buildings and vehicles.
  - The Public Services crew members attended on site training seminars provided by IRMA on the subject of Back Safety, and Perspectives on the subject of Department of Transportation Drug and Alcohol training.

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

# VILLAGE OF HINSDALE, PLANT REPORT

Month: April, 2014

Day	Flow			CL <sub>2</sub> Residual		Turbidity Average (NTU)	Fluoride Average (ppm)	H <sub>2</sub> O Temp Average (F)	Air Temp Average (F)	Total Precip (in)
	Valve 1 (kgal)	Valve 2 (kgal)	Total (kgal)	Analyzer (ppm)	Lab (ppm)					
1	2367	0	2367	0.85	0.96	0.03	1.03	38	60	0.00
2	2277	0	2277	0.87	0.98	0.03	1.05	38	47	0.00
3	2350	0	2350	0.91	0.97	0.02	1.07	38	40	0.00
4	2242	0	2242	1.03	0.95	0.03	1.04	38	50	0.00
5	2203	0	2203	1.15	0.97	0.02	1.10	38	50	0.00
6	2181	0	2181	1.19				39		0.00
7	2552	0	2552	1.36	1.66	0.03	1.21	39	45	0.00
8	2520	0	2520	1.33	1.48	0.03	1.16	39	60	0.00
9	2515	0	2515	1.41	1.49	0.03	1.20	40	62	0.00
10	2413	0	2413	1.32	1.52	0.03	1.19	40	50	0.00
11	2402	0	2402	1.34	1.51	0.03	1.12	40	55	0.00
12	2348	0	2348	1.42	1.45	0.03	1.21	41	69	0.00
13	2354	0	2354	1.34				41		0.00
14	2387	0	2387	1.48	1.40	0.03	1.09	41	42	0.00
15	2366	0	2366	1.57	1.41	0.03	1.10	41	45	0.00
16	2372	0	2372	1.55	1.38	0.03	1.12	41	43	0.00
17	2435	0	2435	1.55	1.40	0.03	1.08	41	65	0.00
18	2443	0	2443	1.54	1.40	0.03	1.09	42	55	0.00
19	2422	0	2422	1.54	1.39	0.03	1.09	42	61	0.00
20	2431	0	2431	1.50				42		0.00
21	2453	0	2453	1.54	1.43	0.03	1.07	43	60	0.00
22	2350	0	2350	1.47	1.44	0.03	1.05	43	65	0.00
23	2467	0	2467	1.49	1.41	0.03	1.11	44	55	0.00
24	2527	0	2527	1.57	1.41	0.03	1.07	44	50	0.00
25	2222	0	2222	1.58	1.45	0.03	1.08	45	50	0.00
26	1928	0	1928	1.60	1.42	0.03	1.08	45	54	0.00
27	1936	0	1936	1.54				45		0.00
28	2464	0	2464	1.62	1.41	0.03	1.10	46	60	0.00
29	2011	0	2011	1.60	1.45	0.03	1.08	46	50	0.00
30	2234	0	2234	1.53	1.51	0.03	1.11	47	45	0.00
Sum:	70172	0	70172							0.00
Avg:	2339	0	2339	1.39	1.36	0.03	1.10	42	53	0.00
Max:	2552	0	2552	1.62	1.66	0.03	1.21	47	69	0.00
Min:	1928	0	1928	0.85	0.95	0.02	1.03	38	40	0.00

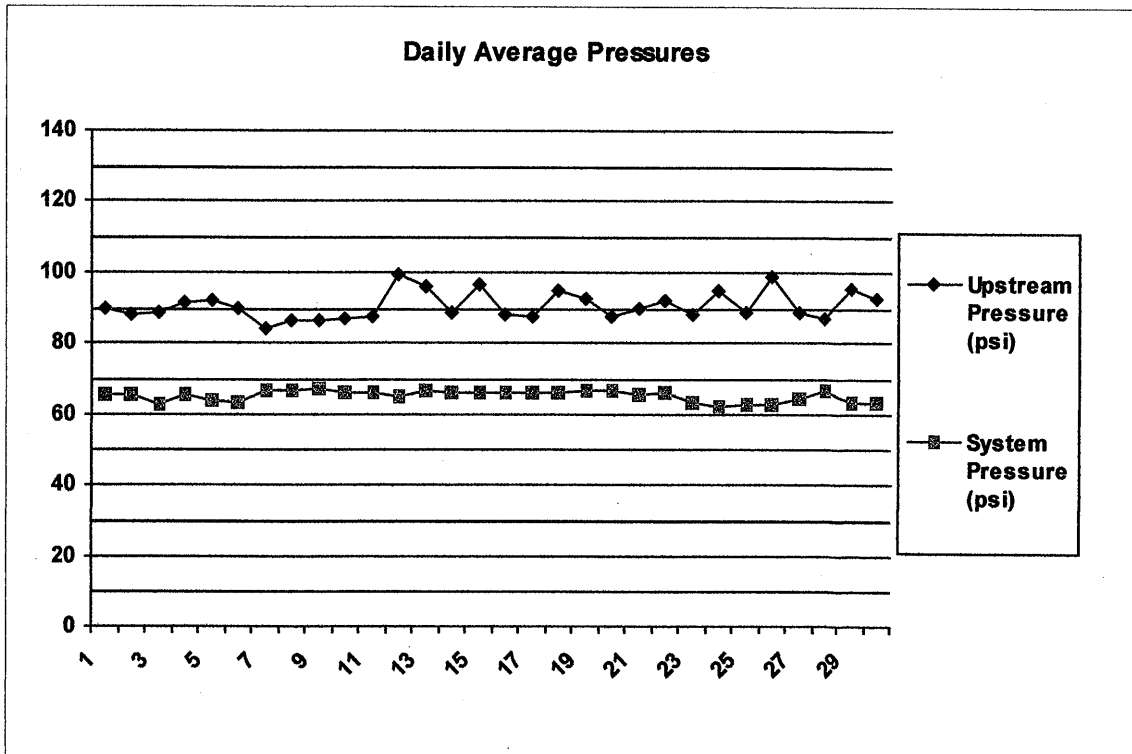
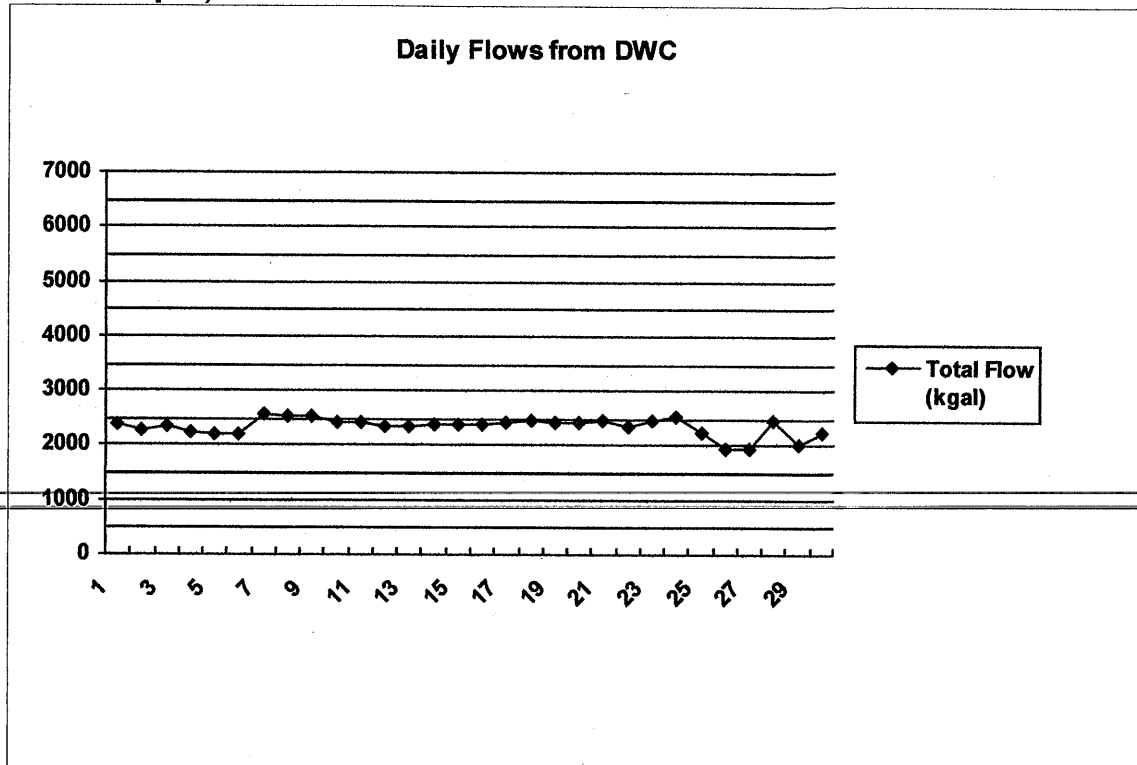
# VILLAGE OF HINSDALE, PLANT REPORT

Month: April, 2014

Day	Flow			Tank Levels			Pressures			Pump Run Times		
	Total (kgal)	Standpipe (ft)	Clearwell (ft)	GSR (ft)	Upstream (psi)	System (psi)	HSP1 (hr)	HSP2 (hr)	HSP3 (hr)			
1	2367	90.9	6.9	14.7	93.0	64.2	0.0	0.0	4.9			
2	2277	90.7	7.2	15.3	91.2	64.1	0.0	0.0	4.3			
3	2350	90.7	7.4	15.2	91.7	64.2	0.0	0.0	4.0			
4	2242	90.9	7.5	15.2	91.8	64.1	0.0	0.0	4.7			
5	2203	90.6	7.4	15.5	91.9	63.9	0.0	0.0	4.3			
6	2181	90.5	7.1	15.0	92.6	64.0	0.0	0.0	4.4			
7	2552	90.5	6.9	14.5	90.9	64.3	0.0	0.0	4.9			
8	2520	90.5	7.1	14.8	94.2	64.2	0.0	0.0	6.2			
9	2515	90.8	7.3	15.2	90.6	64.3	0.0	0.0	4.3			
10	2413	90.8	7.7	15.4	92.2	64.3	0.0	0.0	5.3			
11	2402	91.0	7.7	15.5	92.4	64.3	0.0	0.0	4.9			
12	2348	91.0	7.7	15.4	93.0	64.3	0.0	0.0	5.2			
13	2354	90.9	7.7	15.4	92.0	64.3	0.0	0.0	4.3			
14	2387	90.7	7.9	15.7	92.7	64.2	0.0	0.0	5.0			
15	2366	90.8	7.7	15.6	92.3	64.3	0.0	0.0	5.3			
16	2372	91.0	7.3	15.3	94.3	64.4	0.0	0.0	5.9			
17	2435	90.8	7.3	15.2	92.4	64.3	0.0	0.0	5.0			
18	2443	90.8	7.4	15.4	92.4	64.4	0.0	0.0	5.8			
19	2422	91.0	7.4	15.4	92.3	64.4	0.0	0.0	5.7			
20	2431	91.0	7.7	15.5	93.0	64.4	0.0	0.0	4.8			
21	2453	90.8	7.7	15.4	92.8	64.3	0.0	0.0	5.5			
22	2350	90.6	7.5	15.2	92.5	64.2	0.0	0.0	4.5			
23	2467	90.9	7.5	15.3	93.0	64.4	0.0	0.0	6.0			
24	2527	90.7	7.5	15.1	92.6	64.3	0.0	0.0	3.8			
25	2222	90.9	7.7	15.4	94.0	64.1	0.0	0.0	5.7			
26	1928	91.6	8.0	15.8	94.1	64.0	0.0	0.0	4.1			
27	1936	90.8	7.9	15.7	94.3	63.7	0.0	0.0	4.9			
28	2464	90.3	7.8	15.5	91.8	63.9	0.0	0.0	2.1			
29	2011	90.9	8.0	15.7	93.5	63.7	0.0	0.0	4.1			
30	2234	91.4	7.2	14.8	92.7	64.2	0.0	0.0	6.2			
Sum:	70172						0.0	0.0	146.1			
Avg:	2339	90.8	7.5	15.3	92.6	64.2	0.0	0.0	4.9			
Max:	2552	91.6	8.0	15.8	94.3	64.4	0.0	0.0	6.2			
Min:	1928	90.3	6.9	14.5	90.6	63.7	0.0	0.0	2.1			

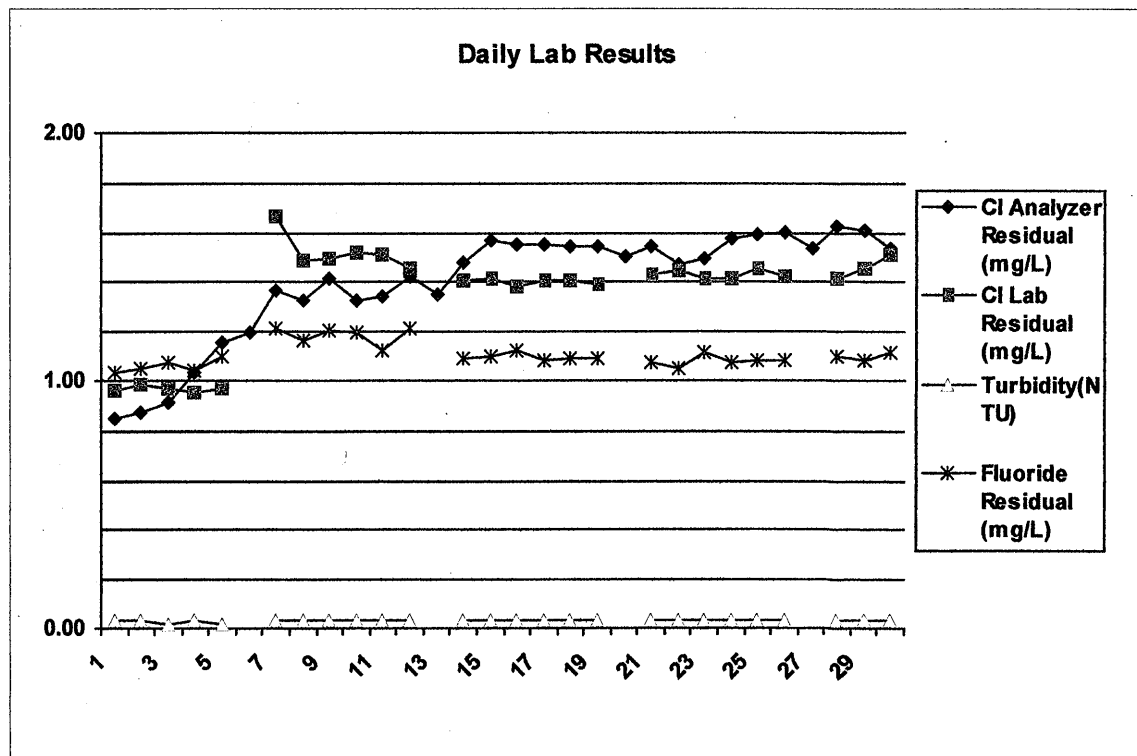
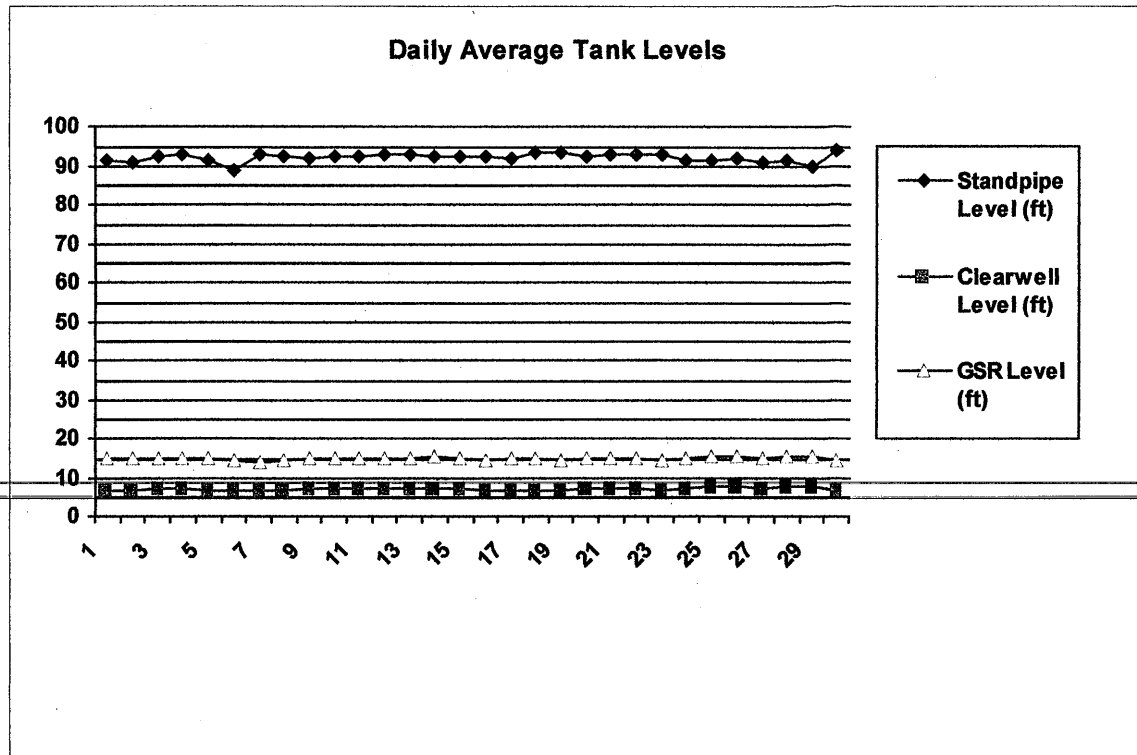
## VILLAGE OF HINSDALE, SYSTEM TRENDS

Month: April, 2014



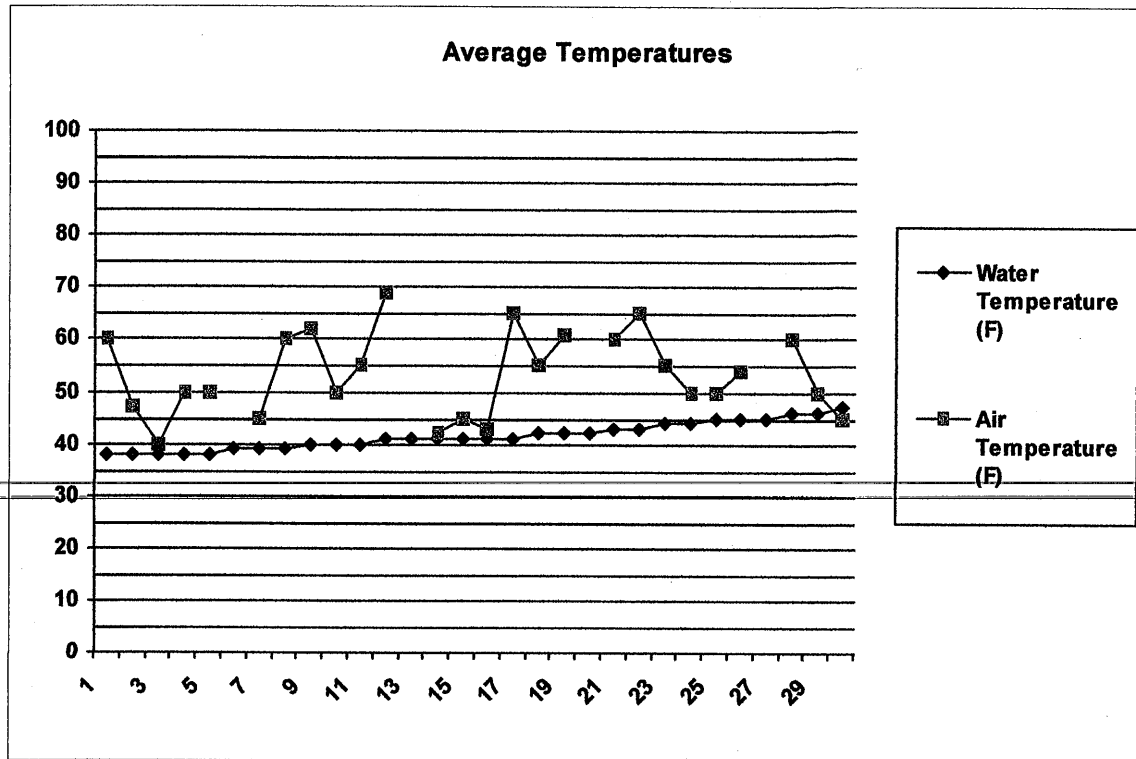
## VILLAGE OF HINSDALE, SYSTEM TRENDS

Month: April, 2014



## VILLAGE OF HINSDALE, SYSTEM TRENDS

Month: April, 2014



## ROADWAY MAINTENANCE (PUBLIC SERVICES)

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### Activity Measures April 2014

Signs	11
Posts	2
Signs Repaired	2
Tons of Cold Mix	24
Tons of Hot Mix	0
Tons of Gravel for Alleys	18
White Paint	0
Yellow Paint	0
Man Hours: Basin top Cleaning	29
Man Hours: Alley Grading	20
Man Hours: Alley Trimming	0
Yard of Concrete	0
Times Crews were called out for Snow & Ice	0
Tons of Road Salt Used	0
Tons of Sand Used	0
Tons of Salt & Calcium for walks, stairs, etc.	0
Yards of Leaves Swept Up	0
Central Business District Sweeps	4
Complete Town Sweeps*	0
Parking Lot Sweeps	0
Scheduled Vehicle Maintenance	25
Unscheduled Vehicle Maintenance	34

\*32 hours of spot sweeping operations completed

## TREE PRESERVATION (PUBLIC SERVICES)

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### Activity Measures April 2014

Contractual Tree Pruning	0
Public Service Crew Tree Pruning	8
Public Service Crew Small Tree Pruning	0
Contractual Tree Removal	6
Public Service Crew Tree Removal	3
Trees Planted	28
Dutch Elm Disease Losses (Private)	0
Elm Losses (Public)	0
Emerald Ash Borer Losses (Private)	0
Ash Losses (Public)	9
Tree Preservation Plan Reviews	15

\* Contractual tree pruning has been completed for the year with 866 trees pruned

\*\* 353 EAB positive trees have been removed since February 2011



## **BUILDING MAINTENANCE (PUBLIC SERVICES)**

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### **Activity Measures April 2014**

	<b>April 2014</b>
Light Bulb/Ballast Replacement	2
Light Pole Knockdown	0
Light Pole Replacement / Install	2
Cable Repairs	1
Control Cabinet Upgrade / Replacement	0
Underground Utility Locates (JULIE)	3
Banners Installed	24
LED bulbs/fixtures installed	0
Building Inspections	12
Building RPZ's inspected and installed	1
Boiler & Water Chiller Inspections	20
Emergency Generator Inspections	1
Fire Suppression System Inspections	2

## **WATER/SEWER DIVISION - WATER (PUBLIC WORKS)**

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### **Activity Measures**

**April 2014**

Utility Locates (JULIE)	595
B-Box/Service Locates	662
Water Mains Located	101
Main Break Repairs	8
B-Box/Service Repairs	3
Hydrants Replaced/Repaired	0
Service Connections/Inspections	4
Valve Installations/Repairs	1
Valves Exercised	20
<del>Valves Located</del>	<del>25</del>
Leak Investigations	8
Hydrants Flushed	5
High Bill Investigations	7
Water Fountains Serviced/Replaced	0
Disconnect Inspections	6
Meter Repairs	0
Meter/Remote Installs	9
Meters Removed	6
Meter Readings	123

### **Water Main Breaks**

4/4/2014	834 S. Monroe	6" Cast Iron
4/7/2014	2nd & Grant	4" Cast Iron
4/14/2014	5547 S. Monroe	6" Cast Iron
4/15/2014	Lincoln & Maple	4" Cast Iron
4/25/2014	8th & Stough	6" Cast Iron
4/28/2014	950 York Rd.	6" Ductile Iron
4/28/2014	950 York Rd.	6" Ductile Iron
4/30/2014	38 S. Madison	8" Ductile Iron

## **WATER/SEWER DIVISION - SEWER (PUBLIC WORKS)**

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### **Activity Measures**

**April 2014**

Catch Basins Replaced/Repaired	1
Inlet Replaced/Repaired	0
Manhole Replaced/Repaired	0
Catch Basins/Inlets Cleaned	0
Sewers Cleaned (feet) In-House	50
Sewers Cleaned (feet) Contractor	0
Sewers Televised (feet) Contractor	0
Sewers Replaced/Repaired (feet)	0
Sewer Mains Located	0
Back-up Investigations	0
Manholes Located	0
Cave-ins Checked	0
Sewer Inspections	0

## **PARKS MAINTENANCE (PUBLIC SERVICES)**

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### **Activity Measures**

**April 2014**

#### **Contractual Work:**

Contractual mowing and maintenance has begun by Village contractor Zenith Landscape. Per contract terms Zenith provided spring clean up and laid mulch at: Burns Field, Memorial Building, Burlington Park, Community Pool, KLM Lodge and Eleanor Park. Mowing of all Village green space has begun the week of April 28<sup>th</sup>. Village green spaces consist of all building grounds, parks and right of ways. These green spaces make up sixty eight locations and total over one hundred thirty six acres. The Veeck Park baseball diamond was edged and recrowned by Molitor Athletic Fields. Financial responsibility was split between the Village and Hinsdale Little League.

#### **Athletics:**

Parks Maintenance crews continued routine maintenance including cleaning and stocking park facility bathrooms and emptying garbage receptacles in parks. Facility bathrooms include Peirce, Burns, Robbins, KLM, Brook and Veeck. Burns Field ice rink was completely dissembled and removed. The tarp was disposed and timbers used to hold water were stored at KLM. Carpeting used to protect the warming house floor from ice skates and logs were also removed and placed into storage. Preparations have been made for all spring athletics. This includes moving goals, replacing nets and laying out fields. 25 soccer and 5 lacrosse fields have been organized for the spring season. Crews will continue to stripe these fields once a week until spring athletics conclude. Staff constructed 8 new soccer goals and moved them to their appropriate locations. Field closure signs have been installed at Veeck Park and are set up temporarily at Robbins Park. Staff will monitor if the signs have a positive impact in keeping users off wet athletic fields in order to prevent turf damage. Three tee ball fields at Robbins Park were prepared for the spring season. Work included the removal of weeds, setting bases and leveling the infield ball field mix. 6 Light bulbs were replaced on the Peirce Park field lights. The irrigation system was activated at Peirce Park so Hinsdale Little League maintenance crews could water newly planted sod. Repairs were made to the Burns Field wind screen in anticipation of a tennis tournament.

#### **Business District:**

Staff provided spring clean ups in 24 business district planting beds. Work performed included removal of litter and leaves. Crews also routinely empty garbage cans and pick up litter in the central business district.

#### **Special Requests/Work Orders:**

<b>Date(s):</b>	<b>Event or Request:</b>	<b>Action:</b>
4/19	Bunny Bash	Provided additional garbage totes and 30 cones
4/25-4/27	Eclipse Soccer Tournament	Provided additional attention on trash removal and bathroom clean up
4/25-4/27	Burns Field Tennis Tournament	Crews provided additional attention on trash removal, bathroom clean up and wind screen repair.
4/28	KLM Pavilions	Installed two new pavilion rule signs
4/25	Walker and York Island	Picked up trash, removed leaves and garbage per resident request

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**MEMORANDUM**

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**DATE:** 5/5/14  
**TO:** CHAIRMAN LA PLACA AND THE EPS COMMITTEE  
**FROM:** GEORGE FRANCO  
**SUBJECT: MEMORIAL BUILDING PATIO UPDATE**

Public Services staff would like to update Committee on the improvements to the east patio area of the Memorial Building. These improvements included the installation of a drainage system to alleviate the potential flooding concerns and the replacement of the current surface with a system of permeable pavers.

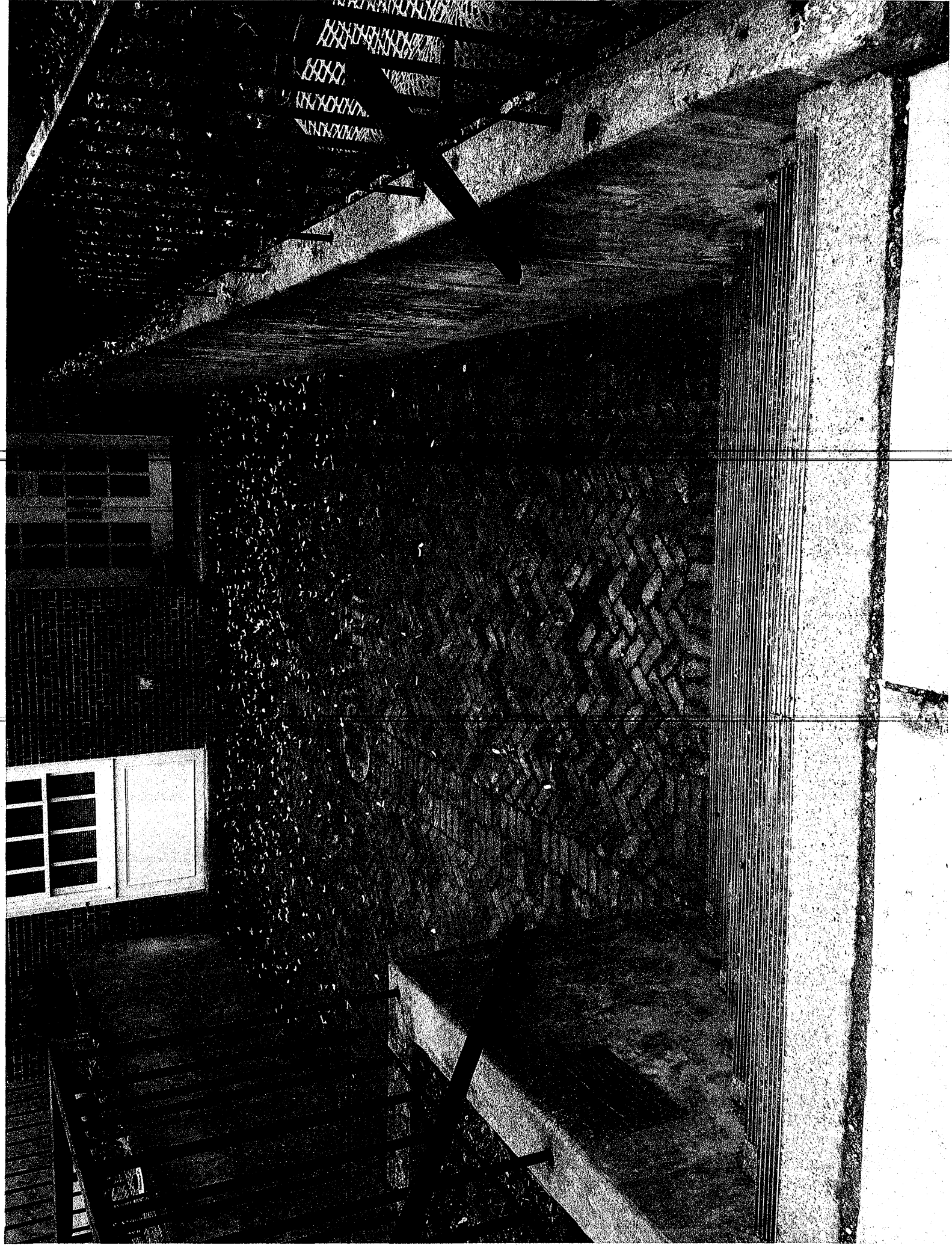
Dave Soltwisch Plumbing Inc., began the drainage system excavation on April 21, 2014. The work included installation of a catch basin structure in the patio, another catch basin structure on the south side of the patio, and the installation of a drain pipe to carry the water to the southeast portion of the Memorial Building grounds where the water will leach out into the green space. Currently, the catch basin structure outside of the patio area still needs to be brought up to grade. Staff has contacted Dave Soltwisch Plumbing and this is on their punch-list to complete.

Premier Landscape Company began the patio replacement work on April 28, 2014. This work included the removal of the existing concrete patio, the installation of drain tile below the new brick surface which is tied into the newly installed catch basin, and the installation of the brick pavers. This work was completed on May 1, 2014. The brick pavers utilized were reconstituted from the Garfield Street reconstruction project. Pictures of the new patio are included.

The restoration of the grounds will be completed by Public Services crews. The area of excavation has been graded out and remaining loose dirt has been hauled off site. Crews will begin to top dress the area with black dirt and seed blanket with an anticipated completion date of May 12, 2014. After this has been completed the area will be watered as needed.



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



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**MEMORANDUM**

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**DATE:** 5/8/14  
**TO:** CHAIRMAN LA PLACA AND THE EPS COMMITTEE  
**FROM:** GEORGE FRANCO  
**SUBJECT:** VILLAGE LOT LIGHTING UPDATE

The 2014-15 budget includes \$245,000 funding to complete asphalt resurfacing and lighting upgrades for the Village parking lot located north of the railroad tracks between Washington and Lincoln streets.

There are currently 3 light poles in the interior of the parking lot which should be relocated to aid in ease of parking and overall travel through the parking lot. In addition to moving the light poles, staff would recommend underground directional boring the electrical component for these lights to improve aesthetics of the parking lot; which would include the removal of the wooden poles currently in use.

The current lighting would also need to be upgraded by either using our current decorative light poles or a similar pole with a cobra head mounted fixture. Recent large scale parking lot improvements in the Washington lot and Chestnut lot have utilized decorative lamp poles with fixtures.

Staff respectfully requests input from Committee to review the lighting upgrades in the Village lot. Pictures of current lighting in the Village lot and possible decorative lighting which is utilized at the KLM parking lot are attached.



## Current Lighting in the Village Lot



## Current Light Fixture at KLM Parking Lot



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

#3a

## MEMORANDUM

**TO:** Chairman LaPlaca and EPS Committee  
**FROM:** Dan Deeter  
**DATE:** May 12, 2014  
**RE:** Engineering Monthly Report

The Engineering Division has continued to work with the Building Division in order to complete site inspections, as well as responding to drainage complaints. In total, three Engineering employees performed 147 site inspections for the month of April. The Engineering staff submitted on-time five environmental reports in April. These include four monthly Discharge Monitoring Reports (DMRs) to the Illinois EPA - one for each of the Village's four Combined Sewer Overflow (CSO) locations - and the annual Facility Inspection Report for the Village's NPDES Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4). This report covered the period March 2013 - March 2014. The following capital improvement projects and engineering studies are underway:

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

**Woodlands Green Infrastructure Improvements, Phase 1**

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

**2013 Reconstruction (W. Fourth Street)**

- ✓ Construction May - Nov. 2013
- 2013 Reconstruction (W. Fourth and other streets)
  - See attached memorandum concerning the liens involving this project.
  - During April 2014, Village staff responded to Aggregate Logistics' "First Requests to Produce" and "First Set of Interrogatories".
  - Total construction change orders to date for 2013 Reconstruction: \$33,085 addition. Remaining Project Budget/Contingency: \$1,590,055.

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

- ✓ Design Engineering Proposal presented to EPS/BOT February 2013
- ✓ Design Engineering & Permitting Mar 2013 - Jan 2014
- ✓ Construction bid opening 02/28/14
- ✓ Construction Contract Awarded target date: 03/18/14
- ✓ Pre-construction meeting 03/28/14
- Construction April - Oct 2014
  - 2014 Reconstruction Streets
    - W. Walnut Madison to Washington



- Areas Improved
  - Ravine Road                      Garfield to County Line Road
  - Radcliff Way                    Ravine to Hickory
  - Forest Road                    The Lane to Hickory
  - Elm Street                      Ravine to Hickory
  - Mills Street                    North End to The Lane
  - Oak Street                      The Lane to Ravine

#### 2015 Resurfacing Project

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

#### **State and Federal Funding Opportunities**

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

#### **Other Engineering Activities in the Area**

Flagg Creek Water Reclamation District (FCWRD) will be conducting a sewer maintenance project in the southern parkway of 55<sup>th</sup> Street between Quincy and Monroe during the 2014 construction season. FCWRD anticipates that there will be daily temporary closures of the right-hand eastbound lane. Since these closures will delay eastbound traffic on 55<sup>th</sup> Street, residents are advised to avoid this area if possible. Residents will be notified via the Village website once information is available about the start date and expected duration of the project.

Cc: President and Board of Trustees  
Village Manager

Veeck Park Wet Weather Facility  
Hinsdale, Illinois

Date	Bar Screen Channel Downstream (feet)	Overflow Ht. Above Weir (feet)	Storage Tank Elevation (feet)	Precipitation (inches of water)
04/01/14	0.00		3.64	
04/02/14	0.00		3.24	
04/03/14	0.00	8.48	26.00	0.93
04/04/14	0.10		16.96	
04/05/14	0.00		3.44	
04/06/14	0.03		3.54	
04/07/14	0.01		3.00	
04/08/14	0.00		2.27	0.03
04/09/14	0.01		2.72	
04/10/14	0.00		3.17	
04/11/14	0.00		3.38	
04/12/14	0.00		3.34	
04/13/14	0.02		2.04	0.24
04/14/14	0.02		2.45	0.16
04/15/14	0.01		2.17	0.02
04/16/14	0.03		2.46	
04/17/14	0.02		2.68	
04/18/14	0.03		2.55	
04/19/14	0.04		2.94	
04/20/14	0.00		2.13	
04/21/14	0.00		2.58	0.14
04/22/14	0.00		3.19	
04/23/14	0.04		2.24	
04/24/14	0.02		2.17	0.02
04/25/14	0.04		2.42	0.18
04/26/14	0.03		2.30	
04/27/14	0.04		2.38	0.03
04/28/14	0.04		2.46	0.48
04/29/14	0.02		2.98	0.07
04/30/14	0.01		2.11	

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Total Precipitation in April	2.30
Departure from Normal:	-1.08

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Notes:

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

[illegible]

Woodlands2 Change Order Field Record\_140512

## Change Order Field Record

Construction Observation		Construction
Budget: \$	322,935.00	Project Budget
Bid: \$	151,883.00	John Neri Construction Bid
Change Order		Construction Contingency
Contingency: \$	171,052.00	Contingency balance Less Net Change Orders
		3,663,920.00
		3,638,571.00
		25,349.00
		17,149.00
		Total Project Contingency: \$ 188,201.00

Highlighted change order requests are new as of this revision.



**\$ 3,753.06**

**\$ 30,731**  
**Addition**

\$	-
\$	37,084.95

	\$ 10,100.00
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1

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\_\_\_\_\_

Subtotal	
Total	

1

\_\_\_\_\_

\_\_\_\_\_

1

1

1

Construction	Project Budget
	Chicagoland Paving Bid
	Change Order Requests to date
	Revised Contract Amount
	Remaining Project Budget/Contingency

2,799,900.00	4,423,040.00
<u>\$ 37,084.95</u>	
	<u>2,836,984.95</u>
	<u>1,586,055.05</u>

4,423,040.00
2,836,984.95
<u>1,586,055.05</u>

2,799,900.00	
\$ 37,084.95	

**Project Budget**  
**and Paving Bid**  
**requests to date**  
**contract Amount**  
**Contingency**

Pr	Chicagoan ge Order Req Revised Con Project Budget
----	--

Construction	Change	Remaining F
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1

Age Group	Percentage of Respondents
18-29	85%
30-49	80%
50-69	75%
70+	70%

30

IDOT Project Kickoff Meeting	HRG/Staff	10-15-2013
------------------------------	-----------	------------

Completed

*This is an initial coordination meeting at IDOT District 1's Bureau of Local Roads which is required for any project receiving federal funds*

Project Working meeting	HRG/Staff	11-22-2013
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Completed

*Coordination meeting with Village staff to review transition issues from Phase 1 to Phase 2 and prepare for a meeting with Adventist Hinsdale Hospital (AHH).*

AHH Coordination Meeting	HRG/ Staff/AHH	12-9-2013
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Completed

*A meeting to review AHH concerns and update them on plans to address these issues including Oak Street access, traffic staging plans, and maintenance of utilities.*

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Draft 30% Submittal To Village	HRG/Staff	01-10-2014
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Completed

*Progress drawings for Staff's review and information. This allows the Village to monitor and comment as the consultant provides more details to the plan's structural components (typically described as "Type, Size, & Location" information or TSLs) and civil components (typically described as "Plans, Specifications, & Estimates" information or (PSEs).*

CWG Update Meeting	Staff/CWG/HRG	02-6-2014
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Completed

*A meeting to update Community Working Group (CWG) members concerning the status of the design development. These meetings will highlight significant design changes (if any) and update the CWG members on plan development in areas of public interest such as traffic management and aesthetics.*

Preliminary Plans and Costs to ICC	HRG	03-07-2014
------------------------------------	-----	------------

Completed

*Preliminary information to the ICC. More detailed plans will accompany the formal petition*

Preliminary Plans to IDOT	HRG	03-10-2014
---------------------------	-----	------------

Completed

*Submittal will consist of roadway plans with all required Right of Way shown; revised Type, Size and Location drawings for the bridge and retaining wall; a technical memorandum covering any changes from the approved Project Development Report and a preliminary opinion of constructed cost. If Right of Way impacts are the same or less*

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

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

Public Meeting	Vill. Staff/CWG/HRG	04-29-2014
		Completed

Right of Way Plats to IDOT	HRG	05-07-2014
		Submitted

*This is a progress submittal for the benefit of the Village staff, BNSF and ICC. IDOT does not require a 60% submittal.*

**BNSF Coordination Meeting**

HRG/BNSF

June, 2014

*BNSF support will be required for ICC to process the petition. This meeting will be held to show the anticipated Right of Way impacts at the bridge and adjacent to Hillgrove Avenue. BNSF restrictions on construction will also be addressed. This item will require at least one meeting and multiple follow up submittals.*

**Land Acquisition**

Negotiations with Property Owners

HRG

May-August 2014

*Process follows IDOT guidelines using IDOT certified negotiator.*

**ICC Petition**

ICC Petition for review

HRG/Vill. EPS Comm.

7-1-2014

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

ICC Petition to Hearing

ICC

8-15-2014

*Completed petition Administrative Law Judge to review in August. It does not appear the board has to sign this document but a cover letter from the Village will certainly be required.*

ICC Approval

ICC

11-15-2014

*Need no later than early January in order for IDOT to authorize project for construction.*

**Complete the Plans**

Submit ROW to IDOT

HRG/IDOT

10-15-2014

*IDOT Bureau of Land Acq. must approve. Some documents may require Village Engineer's signature.*

90% (Prefinal) plans to IDOT & Village

HRG/IDOT

10-17-2014

*Hard deadline for submittal.*

Final Plans, Specifications and Estimate to IDOT by HRG

12-15-2014

*Again, deadline must be met make letting. Plan cover sheet will have to be signed by Village Engineer.*

Draft Joint and Const. Agreements to IDOT      HRG/Vill. Staff      12-15-2014

*Selection of a construction engineer should be started before this date. IDOT may allow the Village to use HR Green if Village wishes to do so (policy is ambiguous right now) but, if the consultant selection process is required, the process should start when Pre-Final Plans are available.*

**Construction Phase Agreements through the Village Board**

Final CE, Joint and RR Agreements      Village Board      Dec-Jan 2015

The above are intergovernmental agreements prepared by HRG or IDOT for approval by the Village Board.

Final CE, Joint and RR Agt. To IDOT      Village Staff/HRG      01-16-2015

*The approved intergovernmental agreements are due to IDOT.*

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**Preparation for Letting Project**

Start relocation of private utilities      HRG/Village Staff      01-01-2015

*Coordination with private utilities will resume as the Pre-Finals are submitted to IDOT.*

ROW Certified by IDOT      IDOT      01-21-2015

Letting by IDOT      IDOT      03-6-2015

**Construction**

Construction starts      RE/Village Staff/Contractor      May 2015

Final construction completion      RE/Village Staff/Contractor      June 2016

## MEMORANDUM

**TO:** Chairman LaPlaca and the Environment & Public Services Committee

**FROM:** Dan Deeter, Village Engineer

**DATE:** May 12, 2014

**RE:** **2014 Resurfacing & Infrastructure Improvements**

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The 2014 Resurfacing & Infrastructure Improvements project has consolidated a number of projects to try to achieve some economy of scale. These projects include:

- 2014 Resurfacing
- 2013/14 Water Main
- 2014 Maintenance
- Robbins Park Storm Sewer
- Central Business District (CBD) Parking Lot
- Brook Park Parking & Walking Path
- Burlington Park Parking Lot

During construction document development, the engineer's estimate was higher than the overall project's construction budget. This has occurred in past projects. But, in these past projects, the contractor's bids have come in under budget. As a precaution, the engineering staff identified portions of the project to be bid as alternates to allow some flexibility to keep the project under budget.

Eleven contractors picked up bid packets. We estimate eight of these contractors could be the general contractor (as opposed to sub-contractors who are also allowed to pick up bid packages). On the day of the bid opening, only two contractors provided bids: Martam Construction and John Neri Construction. For the first time in 15 bid openings, the construction bids were higher than both the engineer's estimate and Village budget. The costs are listed below:

	Base Bid	Alternative D (Base + all alternatives)
• Budget		\$2,868,192
• Engineer's Estimate		\$3,528,857
• Martam Constr. Co.	\$3,405,327	\$3,917,501
• John Neri Constr. Co.	\$3,548,415	\$4,038,772

The result is that the lowest bid is above the Village budget for the project by \$1.1M. Staff is analyzing two issues – what has caused the difference between the Village's budgeted cost and the engineer's estimate, and the difference between the engineer's estimate and the bid prices. The following are causes under consideration.

Increased Engineer's Estimate. The engineering staff hasn't had sufficient time to analyze whether this is an isolated case or if the cost assumptions for the MIP need to be re-evaluated. In reviewing the plans, there are two areas where the final plan included more features than contemplated in the preliminary budgeting. Benes' analysis of re-paving N. Bruner Street (one block) included a thicker pavement replacement than previously considered in the MIP to provide street with an acceptable life span. Staff estimates this design change increased the project cost by \$22,100. On S. Garfield, because of the condition of the street after construction, Benes recommended a full resurfacing of the street. The Village budget assumed patching the trench only. Staff estimates this design change increase the project cost by \$66,300. Again, this modification was undertaken to increase the street's life span.

Increased contractor costs. In discussing the bids (or lack of bids) with contractors and Benes, there were a number of reasons stated for the increased contractor costs.

- The foremost reason is a combination of more construction jobs being offered this year and a reluctance of the contractors to expand their construction capabilities (add construction crews & equipment) due to the slow economic recovery. This has created a shortage of construction crew availability which has driven the cost of labor up.
- Several contractors and Benes have noted that the cost of critical components – PVC pipe, ductile iron pipe, and asphalt – have also gone up this year due to overall demand.
- Some contractors also attributed higher asphalt prices to the wider number of locations on this project as they recoup their remobilization costs through higher asphalt pricing.
- One contractor who didn't bid was cautious of what he perceived as an aggressive time line which he may not be able to meet with his current crew scheduling.

**Recommended solutions.** The engineering department is in the process of trying to construct as much as possible this year within budget. We are in the process of coordinating with contractors and analyzing budget impacts.

- The Village did lock in some lower prices from bids received earlier in the year from John Neri Construction, the lowest bidder and contractor awarded the contracts for the 2014 Reconstruction and Woodlands projects. We have asked them to consider adding 2014 Resurfacing Project areas that are in close proximity to the two current projects.
- This is the first year that the Village is participating in a Municipal Partnering Initiative (MPI) with other municipalities in the area. The MPI provides consolidated bid documents for common needs of a number of municipalities in an attempt to improve prices. These needs can range from pavement patching to generator maintenance. Separate bid documents are sent out for each area of need. Municipalities are free to choose which bid to participate in. Once bids are opened, the municipalities can individually enter into contracts with the lowest, qualified bidder. In the case of pavement patching and resurfacing, the MPI bids provided some competitive pricing for diverse resurfacing projects. The MPI unit price for hot mix asphalt (HMA) is \$78 per ton versus the 2014 Resurfacing HMA price of \$83.
- The streets and infrastructure of the 2014 Resurfacing Project can be re-bid by James J. Benes to see if the costs can be reduced for a smaller (more geographically compact) project in 2014. If pricing remains above the budget, some infrastructure improvements may be delayed and the work re-bid in February 2015 for construction in April 2015.
- The streets would be re-allocated in the following manner:

○ S. Adams	Fourth to Eighth	Rebid 2014 Resurfacing
------------	------------------	------------------------

- |                               |                                      |                                       |
|-------------------------------|--------------------------------------|---------------------------------------|
| ○ S. Bodin                    | Ninth to 55 <sup>th</sup>            | Rebid 2014 Resurfacing                |
| ○ S. Monroe                   | Ninth to 55 <sup>th</sup>            | Rebid 2014 Resurfacing                |
| ○ S. Monroe                   | Seventh to Eighth                    | Municipal Partnering Initiative (MPI) |
| ○ Sixth                       | Bodin to Monroe                      | Rebid 2014 Resurfacing                |
| ○ Maple                       | Garfield to Park                     | Rebid 2014 Resurfacing                |
| ○ Garfield                    | 55 <sup>th</sup> to 57 <sup>th</sup> | Attached to Woodlands Ph 2            |
| ○ Fuller                      | Justina to Mills                     | defer                                 |
| ○ Adams                       | Hinsdale to Fourth                   | Municipal Partnering Initiative (MPI) |
| ○ Bruner                      | North End to North St.               | Attached to 2014 Reconstruction       |
| ○ Grant                       | Ogden to Center                      | MPI                                   |
| ○ Hickory                     | Adams to Madison                     | Attached to 2014 Reconstruction       |
| ○ Lincoln                     | Pavement change to Ayres             | MPI                                   |
| ○ Clay                        | Fourth to Sixth                      | deferred                              |
| ○ Brook Park                  | Parking lots & walking path          | MPI                                   |
| ○ CDB Parking Lot*            |                                      | MPI                                   |
| ○ Burlington Park Parking Lot |                                      | MPI                                   |

- 
- By re-allocating these improvements to other projects, staff recommends that the Board of Trustees rejects all bids for the 2014 Resurfacing & Infrastructure Improvement Project.
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\* Lighting improvements at the Central Business District (CBD) parking lot will be addressed under a separate contract.

cc: Kathleen A. Gargano, Village Manager



## MEMORANDUM

**TO:** Chairman LaPlaca and the Environment & Public Services Committee  
**FROM:** Dan Deeter, Village Engineer  
**DATE:** May 12, 2014  
**RE:** Retention of 2013 Reconstruction Project Funds

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Staff is requesting direction from the Committee concerning funds retained by the Village for Liens against Chicagoland Paving in the 2013 Reconstruction Project. Chicagoland Paving has completed the 2013 Road Reconstruction Project on 11/15/13. During 2013, trucking service providers hired by Chicagoland Paving filed liens against Chicagoland Paving. (These liens do not change the contract price between Chicagoland Paving and the Village of Hinsdale.) The Village has met with the parties to facilitate a resolution of the dispute. However, one of the trucking service providers, Aggregate Logistics, has since filed suit against Chicagoland Paving and the Village of Hinsdale. The Village of Hinsdale is included in the suit because the Village has retained funds in the amount of the liens. The breakdown of the retained funds is shown below:

5% retention for work completed	\$124,965.38 (per contract)
Aggregate Logistics Lien notice	\$139,969.40
<u>TAM Trucking Lien notice</u>	<u>\$188,889.25</u>
Total Retained	\$453,824.03

Mr. Gregory Smith, one of the attorneys representing the Village from Klein, Thorpe, and Jenkins, Ltd., has stated that the Village could be dismissed from the current law suit if we deposit the funds claimed in the liens with the Clerk of the Circuit Court. See Mr. Smith's comments below:

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"The "pro" of depositing the funds with the Clerk of the Circuit Court is that after depositing the funds, the Village should be able to obtain dismissal from the lawsuit, after the Village responds to pending discovery requests. Dismissal would lower the Village's costs in this case, as court appearances would not be necessary. Parties in the case could issue subpoenas for documents and/or depositions on the Village however, which could require the expenditure of additional legal fees.

"The "con" of depositing the funds at issue with the Clerk of the Circuit Court is that after depositing the funds, the Village would not have control over those funds, and a court order would be necessary in order for the Village to get any of it back.

"We recommend the Village deposit the funds with the Clerk of the Circuit Court after filing a motion with Judge Gibson asking him to set the amount of the deposit, and after obtaining an order from Judge Gibson setting forth the amount to be deposited, and dismissing the Village from the case. Such an order would give the Village protection from a later claim by one of the parties that the Village improperly deposited the wrong amount."

Staff is requesting guidance from the Committee as to the disposition of the project funds which cover the liens.

CC: Kathleen A. Gargano, Village Manager

#4a

DATE: May 12, 2014**REQUEST FOR BOARD ACTION**

<b>AGENDA</b>	<b>ORIGINATING</b>
<b>SECTION NUMBER</b> Board of Trustees Item	<b>DEPARTMENT</b> Community Development
<b>ITEM</b> 2015 Reconstruction Project Engineering Services	<b>APPROVAL</b> Daniel M. Deeter Village Engineer

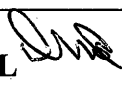
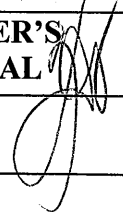
Request For Proposals (RFP) for engineering services (design and construction observation) for the 2015 Reconstruction Project were sent to eight engineering consultants with satisfactory relationships with the Village in accordance with 50 ILCS 510, section 5. The RFP application period ended 04/25/14 and the proposals received were evaluated against the RFP requirements. These consultants are: Bowman Consulting Group; Christopher B. Burke Engineering, Ltd.; ERA Consultants, Inc.; Hancock Engineering Company; HR Green, Inc.; James J. Benes & Associates, Inc.; Primera Engineers, Ltd.; and Rempe-Sharpe & Associates, Inc. All eight consultants provided proposals which are available electronically for the committee members. After reviewing the proposals, staff is recommending Bowman Consulting Group as the best qualified consultant to provide the design services. Total engineering services will cost \$222,300. The engineering budget for the 2015 Reconstruction is \$426,000.

The design phase and development of construction documents is anticipated to occur in 2014 with bidding for construction in the first quarter of 2015. Construction will begin in the Spring of 2015. The 2015 Reconstruction Project will be funded as part of the Master Infrastructure Plan (MIP) using Village and Motor Fuel Tax (MFT) funds. In addition to street improvements, the infrastructure improvements included in this project are:

Street	From	To	Infrastructure Improvements
• Ravine Road	Garfield	CLR	Sewer separation, water main
• Radcliff Way	Ravine	Hickory	Sanitary sewer
• Forest Road	The Lane	Hickory	Sewer separation, sanitary sewer
• Elm Street	Ravine	Hicory	Water main, sanitary sewer
• Oak Street	The Lane	Ravine	Sewer separation
• Mills Street	Minneola Street ROW		Water main

The project intent is to improve local streets, separate combined sewers to eliminate Sanitary Sewer Overflows (SSOs) in streets and basements, and reduce flooding in identified localized drainage areas at the intersection of Forest & Ravine as well as the 300-block of Ravine Road. The proposed storm sewer on Ravine will also provide an outlet for future public and private storm sewers to drain the localized drainage area in the backyards of the 300-block of Washington/Garfield.

**Motion: To Award the Engineering Services for the Design of the 2015 Reconstruction Project to Bowman Consulting Group in the Amount Not to Exceed \$104,520.00.**

<b>APPROVAL</b> 	<b>APPROVAL</b>	<b>APPROVAL</b>	<b>APPROVAL</b>	<b>MANAGER'S APPROVAL</b> 
<b>COMMITTEE ACTION:</b>				
<b>BOARD ACTION:</b>				

**Engineering Proposals  
2015 Reconstruction Project  
Hinsdale, IL**

RFP notice sent 04/07/14  
Proposals Due: 04/25/14  
Board of Trustees approval: 05/20/14

	Bowman Consulting Group	Christopher B. Burke Engineering	Engineering Resource Associates	Hancock Engineering	HR Green	James J. Benes & Associates	Primera Engineers	Rempe-Sharpe & Associates	Maximum	Average	Minimum
Topographic Survey	\$ 12,000.00	\$ 15,000.00	\$ 10,640.00	\$ 20,240.00	\$ 12,775.00	\$ 16,589.00	\$ 36,600.00	\$ 27,237.00			
Design, Construction & Bid	\$ 69,720.00	\$ 88,410.00	\$ 93,644.00	\$ 68,920.00	\$ 96,208.00	\$ 102,872.00	\$ 75,770.00	\$ 81,594.00			
Document Prep											
Soil Borings	\$ 10,000.00			\$ 5,000.00	\$ 8,975.00	\$ 9,601.00	\$ 10,350.00	\$ 7,500.00			
Cost Estimates											
San. Sewer TV & Cleaning	\$ 12,000.00	\$ 2,064.00	\$ 5,044.00	\$ 8,940.00	\$ 3,040.00	\$ 10,898.00	\$ 15,000.00	\$ 2,700.00			
Bidding and Awarding			\$ 4,515.00			\$ 3,493.00					
Meetings			\$ 15,350.00				\$ 2,880.00				
Direct Costs	\$ 800.00							\$ 1,550.00	\$ 143,453	\$ 120,990	\$ 103,100
Design Total	\$ 104,520.00	\$ 105,474.00	\$ 129,193.00	\$ 103,100.00	\$ 120,998.00	\$ 143,453.00	\$ 140,600.00	\$ 120,581.00	1,237	1,001	620
Total Hours	620	823	1,176		932	1,219		1,237			
Pre-Con Services/Shop Drawings Rev.											
Construction Observation	\$ 108,780.00	\$ 3,196.00	\$ 1,686.00	\$ 131,200.00	\$ 118,402.00	\$ 2,860.00	\$ 73,050.00	\$ 107,666.00			
Material Testing	\$ 4,500.00	\$ 113,153.00	\$ 159,852.00	\$ 14,400.00	\$ 5,500.00	\$ 144,935.00	\$ 11,000.00	\$ 12,000.00			
Meetings		\$ 7,500.00	\$ 1,372.00			\$ 6,000.00					
Record Drawings			\$ 2,878.00								
Direct Costs	\$ 4,500.00		\$ 11,150.00		\$ 3,265.00	\$ 8,035.00		\$ 7,860.00	\$ 176,938	\$ 133,093	\$ 84,050
Construction Observation Total	\$ 117,780.00	\$ 123,849.00	\$ 176,938.00	\$ 145,600.00	\$ 127,167.00	\$ 161,830.00	\$ 84,050.00	\$ 127,526.00			
Total Cost	\$ 222,300.00	\$ 229,323.00	\$ 306,131.00	\$ 248,700.00	\$ 248,165.00	\$ 305,283.00	\$ 224,650.00	\$ 248,107.00	\$ 306,131	\$ 254,082	\$ 222,300
Total Constr. Hours	1,130	881	1,614		1,190	1,977		1,542	1,977	1,389	881

DATE: May 12, 2014

#46

# REQUEST FOR BOARD ACTION

<b>AGENDA</b>	<b>ORIGINATING</b>
<b>SECTION NUMBER</b> Board of Trustees Item	<b>DEPARTMENT</b> Community Development
<b>ITEM</b> 2015 Resurfacing Project Engineering Services	<b>APPROVAL</b> Daniel M. Deeter Village Engineer

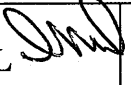

Request For Proposals (RFP) for engineering services (design and construction observation) for the 2015 Resurfacing Project were sent to eight engineering consultants with satisfactory relationships with the Village in accordance with 50 ILCS 510, section 5. The RFP application period ended 04/25/14 and the proposals received were evaluated against the RFP requirements. These consultants are: Bowman Consulting Group; Christopher B. Burke Engineering, Ltd.; ERA Consultants, Inc.; Hancock Engineering Company; HR Green, Inc.; James J. Benes & Associates, Inc.; Primera Engineers, Ltd.; and Rempe-Sharpe & Associates, Inc. All eight consultants provided proposals which are available electronically for the committee members. After reviewing the proposals, staff is recommending Christopher B. Burke Engineering, Inc. as the best qualified consultant to provide the design services. Total engineering services will cost \$110,538.00. The engineering budget for the 2015 Resurfacing is \$240,000.

The design phase and development of construction documents is anticipated to occur in 2014 with bidding for construction in the first quarter of 2015. Construction will begin in the Spring of 2015. The 2015 Resurfacing Project will be funded as part of the Master Infrastructure Plan (MIP) using Village funds. In addition to street improvements, the infrastructure improvements included in this project are:

Street	From	To	Infrastructure Improvements
• Lincoln Street	North	Hinsdale Ave.	Water main
• Stough Street	Quincy	Chestnut	Sanitary Sewer
• Second Street	Monroe	Vine	Water main, sanitary sewer

The project intent is to improve local streets, water mains, and sanitary sewers.

**Motion: To Award the Engineering Services for the Design of the 2015 Resurfacing Project to Christopher B. Burke Engineering, Ltd. in the Amount Not to Exceed \$44,682.00.**

<b>APPROVAL</b> 	<b>APPROVAL</b>	<b>APPROVAL</b>	<b>APPROVAL</b>	<b>MANAGER'S APPROVAL</b> 
<b>COMMITTEE ACTION:</b>				
<b>BOARD ACTION:</b>				

**Engineering Proposals  
2015 Resurfacing Project  
Hinsdale, IL**

RFP notice sent 04/07/14  
Proposals Due: 04/25/14  
Board of Trustees approval: 05/20/14

	Bowman Consulting Group	Christopher B. Burke Engineering	Engineering Resource Associates	Hancock Engineering	HR Green	James J. Benes & Associates	Primera Engineers	Rempe-Sharpe & Associates	Maximum	Average	Minimum
Topographic Survey	\$ 14,000.00	\$ 16,475.00	\$ 16,475.00	\$ 6,100.00	\$ 7,750.00	\$ 12,836.00	\$ 18,700.00	\$ 16,989.00			
Design, Construction & Bid Document Prep	\$ 32,200.00	\$ 33,358.00	\$ 43,695.00	\$ 53,235.00	\$ 35,490.00	\$ 48,036.00	\$ 28,760.00	\$ 47,133.00			
Soil Borings	\$ 9,000.00	\$ 4,300.00	\$ 8,000.00	\$ 5,000.00	\$ 6,500.00	\$ 4,601.00	\$ 6,500.00	\$ 5,000.00			
Cost Estimates	\$ 7,000.00	\$ 4,660.00	\$ 5,000.00	\$ 6,400.00	\$ 3,705.00	\$ 5,078.00	\$ 5,650.00				
San Sewer TV & Cleaning		\$ 2,064.00	\$ 5,044.00			\$ 3,493.00					
Bidding and Awarding Meetings	\$ 600.00	\$ 300.00	\$ 500.00				\$ 2,890.00				
Direct Costs	\$ 62,800.00	\$ 44,862.00	\$ 78,714.00	\$ 70,735.00	\$ 53,445.00	\$ 74,044.00	\$ 62,500.00	\$ 72,411.03	\$ 78,714	\$ 64,916	\$ 44,682
Design Total	290	256	723		378	589		718	723	492	256
Total Hours											
Pre-Con Services/Shop Drawings Rev.											
Construction Observation	\$ 64,600.00	\$ 3,096.00	\$ 1,378.00	\$ 78,200.00	\$ 55,700.00	\$ 826.00	\$ 48,500.00	\$ 96,314.00			
Material Testing	\$ 3,500.00	\$ 5,180.00	\$ 55,958.00	\$ 7,400.00	\$ 1,500.00	\$ 67,896.00	\$ 4,500.00	\$ 7,500.00			
Meetings		\$ 5,000.00	\$ 6,418.00								
Record Drawings		\$ 2,442.00	\$ 2,442.00								
Direct Costs	\$ 3,000.00	\$ 2,580.00	\$ 6,653.00		\$ 760.00	\$ 5,848.00		\$ 4,939.77			
Construction Observation Total	\$ 71,100.00	\$ 65,856.00	\$ 74,849.00	\$ 85,600.00	\$ 57,960.00	\$ 74,570.00	\$ 53,000.00	\$ 108,753.77	\$ 108,754	\$ 73,961	\$ 53,000
Total Cost	\$ 133,900.00	\$ 110,538.00	\$ 153,563.00	\$ 156,335.00	\$ 111,405.00	\$ 148,614.00	\$ 115,500.00	\$ 181,164.80	\$ 181,165	\$ 138,877	\$ 110,538
Total Constr. Hours	720	464	759		546	881		1,380	1,380	792	464

**REQUEST FOR BOARD ACTION**

<b>AGENDA</b> EPS Agenda	<b>ORIGINATING</b>
<b>SECTION NUMBER</b>	<b>DEPARTMENT PUBLIC SERVICES</b>
<b>ITEM</b> VACTOR DEBRIS BOX REPAIRS	<b>APPROVAL</b>

The 2014-15 Budget includes \$65,000 funding in Water & Sewer Services account #6102- 7918 to provide for the replacement of a debris box for a 1996 Vactor. As you may recall the Village solicited quotes for the refurbishment of this item and received approval for repairs during the December 2013 EPS meeting which included sandblasting, metal repairs, and lining of the tank. Repairs began with sandblasting of the interior of the debris tank. The sandblasting is completed to remove rust and dirt which allows for a clean surface to weld patch sections of steel. During this process, staff from EJ Equipment contacted Public Services staff due to the condition of the tank after an area of sandblasting was completed. There were many holes which became evident after the rust was blasted away as well as a very small amount of steel to weld to after the process; which resulted in basically no viable steel to weld the patch sections to. Public Services staff received pictures and physically inspected the debris box, at which time instructed EJ Equipment to discontinue any further work. The debris box will not be able to patched and lined as originally thought due to the extensive rust damage already incurred.


After reviewing the condition of the debris box, staff re-budgeted the item for FY ~~2014-15~~ and continued receiving alternative options for repair, which included the replacement of the debris box. Staff requested updated quotes for a new Vactor debris box from three local vendors in the area. Staff did not conduct the competitive bid process on the replacement as the debris box is a specialty item which is manufactured by a single source supplier (Vactor Manufacturing). Public Services staff respectfully requests permission from Committee to waive the competitive bidding process for the new Vactor debris box. Quotes received are listed below and included in the packet.

R.N.O.W., Inc.	\$57,995.00
Standard Equipment Co.	\$60,762.99 plus freight
EJ Equipment, Inc.	\$72,872.85 plus freight

**Budget Impact:** There will be no adverse budget impact. A preliminary budget savings of \$7,005 will be attained if the low quote is approved for the debris box replacement.

**MOTION:** To waive the competitive bidding process and approve the issuance of a purchase order to R.N.O.W. Inc., in the amount of \$57,995 for the replacement of the debris tank on a 1996 Vactor.

**STAFF APPROVALS**

APPROVAL	APPROVAL	APPROVAL	APPROVAL	MANAGER'S APPROVAL
				

**COMMITTEE ACTION:**

**BOARD ACTION:**



**R.N.O.W., Inc.**  
8636R West National Avenue  
West Allis, WI 53227

# QUOTATION

Quote Number: e2014-971  
Quote Date: May 6, 2014  
Page: 1

Voice: 414-541-5700  
Fax: 414-543-9797

**Quoted To:**

VILLAGE OF HINSDALE  
19 E. CHICAGO AVENUE  
HINSDALE, IL 60521  
U.S.A.

Accepted By: \_\_\_\_\_

Sign above to accept quotation and place order

Customer Fax:

Customer ID	Good Thru	Payment Terms	Sales Rep
HINSDALE IL VILLAGE	6/5/14	Net 30 Days	KJW

Quantity	Item	Description	Unit Price	Amount
1.00	LABOR	- Pick up Vactor VIN 1HTGCAAT4VH4448223 SERIAL # 96-09-5936 MODEL #2112-P4-CIB	57,995.00	57,995.00
1.00	LABOR	- Remove existing Vactor tank from chassis. - Cut parts from old body: including pivots, the rear door, rear door hinges, & cylinder mount.		
1.00	LABOR	- Reinstall components to new body shell.		
1.00	LABOR	- Reinstall new body on to chassis - Prime and Paint to Match - Return truck to customer location in Hinsdale, IL  Please have truck full of fuel and fluids and tires checked prior to shipment.		

**Thank you for the opportunity to quote**

**SUBMITTED BY** \_\_\_\_\_

**Steven D. Krall**  
**President**

Subtotal	57,995.00
Sales Tax	
Freight	
<b>TOTAL</b>	<b>57,995.00</b>





2033 WEST WALNUT STREET CHICAGO, IL 60612  
312/829-1919 FAX 312/829-6142

INTERNET: <http://www.standardequipment.com>  
E-MAIL: [sales@standardequipment.com](mailto:sales@standardequipment.com)

\* ESTIMATE/EXP 30 DAYS

A3854702

43502

3/04/1412:17 1

VILLAGE OF HINSDALE  
19 E. CHICAGO AVE.  
ATTN: ACCOUNTS PAYABLE  
HINSDALE IL 60521 3489

VILLAGE OF HINSDALE  
225 SYMONDS DRIVE  
HINSDALE IL 60521  
  
630/789-7000

001 VT 2112-P4CB 96-09-5936

334 004 P.O.#REQ.

11/13/13

Telephone 630/789-7000

ATTN:

THE FOLLOWING IS A REPAIR QUOTE FOR REPLACING THE COMPLETE  
DEBRIS BODY.

\*\*\*\*\*

REMOVE THE OLD DEBRIS BODY AND INSTALL NEW COMPLETE DEBRIS  
BODY THAT IS PAINTED.

PARTS \$55,972.99 LABOR \$4790.00 TOTAL \$60,762.99

\*\*\*\*\*

NOTE: THE FOLLOWING IS A QUOTE ONLY ADDITIONAL PARTS AND  
LABOR MIGHT BE REQUIRED AFTER THE UNIT IS DISASSEMBLED

~~NOTE: THE FOLLOWING QUOTE DOES NOT INCLUDE THE FREIGHT FOR  
SHIPMENT OF THE DEBRIS BODY.~~

NON-TAXABLE MUNICIPAL  
E9997-4436-04  
SEGMENT TOTAL

N/C

00

Signature

Date

00

**EJ Equipment, Inc.**6949 N 3000 E Road  
PO Box 665  
Manteno, IL 60950-0665Phone (815) 468-0250  
Fax (815) 468-0341  
E-Mail parts@ejequipment.com**Quote 0054736****Quoted 2/8/2013****Bill To**Village of Hinsdale  
19 E Chicago Avenue  
Hinsdale, IL 60521**Ship To**Hinsdale Water Department  
217 Symonds Drive  
Hinsdale, IL 60521

Purchase Order	Ship Via	FOB	Reference	Entered By	Sales rep	Terms
	UPS Ground			NJM-2/8/2013		Net 30

Product	W/H	Description	Ordered	Price	Disc%	Amount
Misc	WH1	Debris body ASSY (PAINTED)	1.00 Ea	37,856.00 Ea	0.00	67,856.00
Misc	WH1	Arrowboard W/ Controller	1.00 Ea	551.85 Ea	0.00	551.85
Misc	WH1	Dual Beacon	1.00 Ea	160.00 Ea	0.00	160.00
Misc	WH1	Misc Parts Shop	1.00 Ea	105.00 Ea	0.00	105.00
Outside labor - Shop	WH1	Outside labor charges - Shop	40.00 Ea	105.00 Ea	0.00	4,200.00
Freight	WH1	Freight	1.00 Ea	0.00 Ea	0.00	0.00

~\*FREIGHT IS NOT INCLUDED IN THIS QUOTE\*~

Vactor  
Serial # 96-09-5936This quote is for removing the existing debris body  
and installing a new debris body with a new  
arrowboard.

\*\*Lead time on this debris body is 14-16 weeks.

This is only a quote, once the work has been started  
and additional repairs are identified then customer  
will be notified prior to any additional repairs being  
performed.**Sub-total****\$72,872.85****Tax****0.00****Total****\$72,872.85**

## MEMORANDUM

**TO:** Chairman LaPlaca and the Environment & Public Services Committee  
**FROM:** Dan Deeter, Village Engineer  
**DATE:** May 12, 2014  
**RE:** Sump Pump Discharges from 412 E. Eighth Street

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Sump pump discharges from 412 E. Eighth Street have been a challenge since the construction of the current house in 2005. It has caused dampness on sidewalks and/or streets in good weather and ice build-ups during the winter. This same situation happens in at least two dozen locations throughout the Village. Staff is looking for guidance from the Committee for the 412 E. Eighth Street case and for future policies concerning this situation in Hinsdale.

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### 412 E. Eighth Background

The natural, overland drainage pattern for this block is from the west to the east. Rear yard flows from 412 E. Eighth Street have been blocked from surface drainage by existing landscaping in the neighbors' properties to the east. Therefore, 412 E. Eighth Street was allowed to extend their sump pump discharge to the Right of Way (ROW) of Eighth Street.

This block is currently served by a combined sewer. By Illinois law, additional rain or ground water cannot be connected directly to the combined sewer system. The sump pump discharge from 412 E. Eighth Street was originally allowed to surface in the parkway, flow over the curb, and down Eighth Street to the nearest inlet at Eighth and County Line Road. This created complaints from the neighbors since the gutter was routinely wet in good weather. Additionally, the sump pump water would freeze in the winter which caused ice to build-up in the gutter and street in front of 412 E. Eighth and to the east.

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After repeated complaints from the neighbors, the sump pump discharge was moved back onto private property 20-feet away from the property line per Village standards to allow for infiltration of the water into the front lawn. However, once the ground freezes, the sump pump builds-up ice on the sidewalk, parkway, gutter, and street in front of 412 E. Eighth Street and to the east.

### Potential Solutions

There are a variety of techniques that can provide partial to full solutions to this issue. Each of these have pros and cons.

1. The latest edition of the DuPage County Stormwater Ordinance requires some underground storage to increase infiltration and return sump pump water to the ground water. The Village requires at least twenty feet of overland flow before crossing a property line to promote infiltration into the ground. However, once the ground is saturated, the majority of the water will still flow overland.

2. A limited number of new homes have voluntarily captured sump pump and down spout waters underground. This water is then used for irrigation during dry periods. While this is environmentally friendly, it can be very expensive for the new home owner.
3. Connecting the sump pump discharges to a storm sewer will get the discharges into the storm sewer more rapidly. However, storm sewers are not immediately available to many Hinsdale residents. And, this practice increases the water load on the Village storm sewers and downstream systems by eliminating the ability of water to infiltrate into the ground. For those homes without storm sewers in the vicinity, this can also be an expensive addition to the price of the new home.

#### Solutions for 412 E. Eighth

1. Solution #1 was not required by the DuPage County ordinance when 412 E. Eighth Street was constructed.
2. Solution #2 is a voluntary measure and was not required of the home owner when the new home was built.
3. Solution #3 has not been available because the area is served by combined sewers only. However, in 2014 a storm sewer will be constructed to the limits of the Woodlands Phase 2 project at the northeast corner of County Line Road and Woodland Avenue. This proposed storm sewer is designed to accept stormwater from future storm sewers extending to the intersection of Eighth Street and Oak. 412 E. Eighth would be able to discharge to this future storm sewer. Staff's initial minimum cost estimate for this future storm sewer from County Line to Oak is \$180,000. However, the cost of this potential, future storm sewer is currently not included in the Master Infrastructure Plan.

#### Staff Recommendations for Village of Hinsdale Policy

1. The Village currently requires new homes to install underground storage per the DuPage County Ordinance, a diffuser, and 20-feet of overland flow before crossing a property line to promote more underground storage and infiltration of the sump pump discharges. This practice should remain in effect.
2. To eliminate this issue in the future, staff recommends that new construction should be required to connect their sump pump discharges to the nearest storm sewer or adjacent to the nearest combined sewer inlet. If there are no inlets in front of the home, the builders would have to construct a storm sewer pipe within the parkway. Since there would be trees and driveways in the proposed storm sewer route, the builder would have to directional bore an 8-inch pipe from the property to the inlet. Past prices for 8-inch pipe in Village contracts have been \$170 per linear foot. If we assume an average distance of 150-feet to an inlet, this would add an average of \$25,500 to each new home. There could be opportunity for recapture of a portion of this cost if other property owners wished to connect their sump pump or downspouts to this pipe. This would require additional record keeping by the Village staff for contractual and legal coordination.
3. The current +/-22 sump pump drainage issues throughout the Village should be addressed on a case by case basis. Staff will research the total cost for addressing the issues to develop a policy of charging residents when sump pump discharges cause undo maintenance issues in the ROW.

cc: Kathleen A. Gargano, Village Manager