

AGENDA
PUBLIC WORKS & UTILITIES COMMITTEE
Village of Hoffman Estates
September 24, 2012

Immediately following Public Health & Safety

Members:	Anna Newell, Chairperson	Ray Kincaid, Trustee
	Jacquelyn Green, Vice Chairperson	Gary G. Stanton, Trustee
	Gary Pilafas, Trustee	William McLeod, Mayor
	Karen V. Mills, Trustee	

I. Roll Call

II. Approval of Minutes – August 28, 2012

NEW BUSINESS

1. Request authorization for additional funding for Contractual Ash Tree Removals and Contractual Parkway Tree Trimming, in an amount not to exceed \$60,000.
2. Request authorization of Change Order Number One with Terracon Consultants of Naperville, IL, for additional geotechnical and environmental services on the Hassell Road reconstruction project, in an amount not to exceed \$8,200.
3. Request authorization of Change Order Number One in the amount of \$18,360.38 to Homer Chastain Associates of Chicago, IL for engineering design and construction services on the Higgins Road bicycle and pedestrian CMAQ project.
4. Request acceptance of the Department of Public Works Monthly Report.
5. Request acceptance of the Department of Development Services Monthly Report for the Transportation and Engineering Division.

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

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

**PUBLIC WORKS & UTILITIES
COMMITTEE MEETING MINUTES**

August 28, 2012

I. Roll Call

Members in Attendance:

**Anna Newell, Chairperson
Jacquelyn Green, Vice Chairperson
Gary Pilafas, Trustee**

**Other Corporate Authorities
in Attendance:**

**Trustee Ray Kincaid (arrived late)
Trustee Gary Stanton
Village President William McLeod**

Corporate Authorities not in Attendance: Trustee Karen Mills

**Management Team Members
in Attendance:**

**Dan O'Malley, Deputy Village Manager
Art Janura, Corporation Counsel
Mark Koplin, Asst. Vlg. Mgr.-Dev. Services
Peter Gugliotta, Director of Planning
Mike Hankey, Dir. of Trans. & Engineering
Patrick Seger, Human Resources Mgmt. Dir.
Bob Gorvett, Fire Chief
Michael Hish, Police Chief
Joe Nebel, Director of Public Works
Rachel Musiala, Assistant Finance Director
Bruce Anderson, Cable TV Coordinator
Gordon Eaken, Director of IS
Bev Romanoff, Village Clerk
Ben Gibbs, GM of Sears Centre Arena
Nichole Collins, Emergency Mgmt Coord.
Patricia Cross, Assistant Corporation Counsel**

Others in Attendance:

Daily Herald

The Public Works and Utilities Committee meeting was called to order at 7:00 p.m.

II. Approval of Minutes

Motion by Trustee Pilafas, seconded by Trustee Green, to approve the Public Works & Utilities Committee meeting minutes of July 23, 2012. Voice vote taken. All ayes. Motion carried.

NEW BUSINESS

- 1. Request approvals to reject bids received for the 2012 Contracted Branch/Brush Pickup Program and utilize budget funding for a modified in-house program.**

Joe Nebel submitted Committee Agenda Item.

Mr. Nebel shared background regarding the request. Trustee Stanton and Mr. Nebel discussed that this was the first year Public Works took the Branch/Brush Pickup Program out to bid and that costs were higher than anticipated.

Trustee Pilafas and Mr. Nebel discussed strategies of using seasonal employees and rented equipment to accomplish the task.

Motion by Trustee Pilafas, seconded by Trustee Green, to reject bids received for the 2012 Contracted Branch/Brush Pickup Program and utilize budget funding for a modified in-house program. Voice vote taken. All ayes. Motion carried.

- 2. Request acceptance of the Department of Public Works Monthly Report.**

The Department of Public Works Monthly Report was presented to Committee.

Motion by Trustee Pilafas, seconded by Trustee Stanton, to accept the Department of Public Works Monthly Report. Voice vote taken. All ayes. Motion carried.

- 3. Request acceptance of the Department of Development Services Monthly Report for the Transportation and Engineering Division.**

The Department of Development Services Monthly Report for the Transportation and Engineering Division was presented to Committee.

Motion by Trustee Pilafas, seconded by Trustee Stanton, to accept the Department of Development Services Monthly Report for the Transportation and Engineering Division. Voice vote taken. All ayes. Motion carried.

III. President's Report

Mayor McLeod shared updates regarding CMAP and the Village's recycling event. Mayor also discussed the past month's events he attended including: a Ramadan dinner, attending the Girl Scouts 100th anniversary, a BBQ at the newly named Hawthorne Suites, a kick-off breakfast for the American Cancer Society, a trip to Springfield to discuss pension reform, block parties, Bark for Life at the Sears Centre Arena, FIA dinner and parade, Schaumburg Airport meeting, NWMC Golf Dinner, Toll way and JAWA pipeline meeting, USAF Concert, Beth Tikvah Congregation's picnic, Community Pride Awards and the grand opening of Mariano's.

IV. Other

V. Items in Review

VI. Adjournment

Motion by Trustee Pilafas, seconded by Trustee Green, to adjourn the meeting at 7:10 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Emily Kerous, Dir. of Operations/Outreach -
Office of the Mayor & Board

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization for additional funding for Contractual Ash Tree Removals and Contractual Parkway Tree Trimming, in an amount not to exceed \$60,000.

MEETING DATE: April 24, 2012

COMMITTEE: Public Works & Utilities

FROM: Joseph Nebel, Director of Public Works
Kelly Kerr, Village Forester

PURPOSE: To provide an additional resource for the removal of Emerald Ash Borer (EAB) infested trees throughout the Village and help address the backlog of service requests related to tree trimming.

BACKGROUND: In 2012, a total of \$30,000 was budgeted for the Contracted Ash Tree Removal Program. The Village reserved the right to change, add or delete quantities of trees to be removed as it deems necessary. The amount of contracted tree removal to be performed each year is entirely conditioned upon the total amount of funds budgeted and allocated for the program each fiscal year. This was indicated in the bid specifications. Based on these specification requirements bidders submitted prices per tree to be removed by tree size class.

In 2012, a total of \$50,000 was budgeted for contractor assisted tree trimming. The low qualifying bid received was in the amount of \$54,400 based on an *estimated quantity* of trees to be trimmed. This quantity was for the purpose of comparing bids only. The Village reserved the right to change, add or delete quantities of trees to be trimmed as it deems necessary. The amount of contracted tree trimming to be performed each year is again entirely conditioned upon the total amount of funds budget allocated for the program each fiscal year. This was also indicated in the bid specifications. Based on these specification requirements bidders submitted prices per tree to be trimmed by tree size class.

DISCUSSION:

In April of 2012, the Village Board authorized the contractual removal of Ash trees up to \$30,000. That work has been completed and resulted in 72 EAB infested trees being removed. Public works crews have identified 102 additional Ash trees that require removal with this number increasing daily. To date, in 2012, we have also removed 125 Ash trees utilizing in house crews however with the large number of service requests related to EAB inspections and other items; we will not have sufficient staff to remove many of the trees already identified as infested and address the additional ones we discover daily.

In January of 2012, the Village Board authorized Contractual Parkway Tree Trimming for an amount not to exceed \$50,000. Public works continues to receive a large number of service requests related to both EAB and non EAB related issues (697 to date). Due to budget considerations, the funding related to contractual tree trimming has not been increased over time as many of the parkway trees have increased in size requiring more costly trimming. Based on observations and the number of trimming requests it is becoming clear that additional trimming needs to occur in order to maintain an appropriate trimming cycle (8-10 years). Regular tree trimming not only helps the health of trees but it also reduces the amount of storm damage that must often times be addressed as an emergency. We are requesting additional funding for the 2012 budget year and adjusting our 2013 request accordingly.

The additional contractual services requested are a direct result of the large number of EAB infested trees currently identified and the total number of residential service requests we have received related to both EAB and non-EAB related issues. If authorization is given the additional funding will be used to extend the contracts with the low bid contractors used in 2012.

FINANCIAL IMPACT:

In 2012, a total of \$30,000 was budgeted for the Contracted Ash Tree Removal and \$50,000 budgeted for Contracted Tree Trimming. Public works is requesting authorization to spend up to an additional \$30,000 for each of the above listed contracts. Efforts will be made to absorb a portion of the requested \$60,000 into the current Forestry budget however it is too early to tell how much funding will be available from the 2012 budget. It is requested that the remainder come from the Village's fund balance.

RECOMMENDATION: Request authorization for additional funding for Contractual Ash Tree Removals and Contractual Parkway Tree Trimming, in an amount not to exceed \$60,000.

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization of Change Order Number One with Terracon Consultants of Naperville, IL for additional geotechnical and environmental services on the Hassell Road reconstruction project in an amount not to exceed \$8,200

MEETING DATE: September 24, 2012

COMMITTEE: Public Works and Utilities

FROM: Gary Salavitch

PURPOSE: Request authorization of Change Order Number One with Terracon Consultants of Naperville, IL for additional geotechnical and environmental services on the Hassell Road reconstruction project in an amount not to exceed \$8,200.

BACKGROUND: The Village was successful in obtaining a Surface Transportation Program (STP) grant in the amount of \$4,000,000 for the reconstruction of Hassell Road. With Phase One Preliminary Engineering approved by IDOT, staff is currently working on Phase Two Final Design. As part of the requirements for this work, a contract with Terracon was approved by the Village for both geotechnical and environmental services in May of this year. The geotechnical soil borings are needed to aid in pavement design and assist in determining excavation quantities. Environmental borings address other concerns. Geotechnical borings are placed every 300 feet for the length of the project following standard procedures. However, there are no spacing standards for environmental borings so these environmental samples were obtained every 1,000 feet.

DISCUSSION: The original report for this work is complete and three environmental concerns (lead, gas/oil and high pH values) were discovered from the environmental borings. Initial environmental testing indicates a very large area that would require non-special waste disposal at a landfill. All soil between these boring locations is assumed to be contaminated. Based on these findings, an additional construction cost of \$300,000 is estimated for disposal of this material. Supplemental environmental borings could further isolate the problem areas, refine the estimate of affected areas and lower the estimated construction costs.

FINANCIAL: The Village cost for this project would be paid for with the funds resulting from the 2012 Street Project contract coming in at approximately \$100,000 under the budget amount. Also, 50% of these expenses may be reimbursable by IDOT as part of the STP grant if approved by the state.

RECOMMENDATION:

Request authorization of Change Order Number One with Terracon Consultants of Naperville, IL for additional geotechnical and environmental services on the Hassell Road reconstruction project in an amount not to exceed \$8,200.

September 6, 2012



Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, IL 60169

Attention: Mr. Gary Salavitch, P.E.
Phone: [770] 612 2008

**RE: Proposal for Additional Environmental Limited Site Investigation
Hassell Road Reconstruction
Pembroke Avenue to Fairway Court (1.4 miles)
Hoffman Estates, Cook County, Illinois
Terracon Proposal No.: P11120526**

Dear Mr. Salavitch:

Terracon Consultants, Inc. (Terracon) is pleased to present you with the following proposal for Limited Site Investigation (LSI) activities at the above-referenced site.

A. PROJECT INFORMATION

The project site is an approximate 1.4-mile section of Hassell Road between Pembroke Avenue and Fairway Court, in Hoffman Estates, Illinois. The length of road is planned for reconstruction. Terracon recently conducted a Geotechnical Study and Soil Evaluation (Soil Evaluation Report – Terracon project 11125041, report dated August 23, 2012), which identified the following.

- Terracon measured elevated pH values and photoionization detector (PID) readings that indicate the soil may not qualify for disposal as uncontaminated soil. The elevated values and/or readings were encountered at seven boring locations along the project.
- In addition to the elevated pH values and PID readings, the analytical laboratory measured a concentration of lead by the toxicity characteristic leaching procedure (TCLP) in a sample collected from boring B-21 (3.0-4.5 feet below ground surface) that was above the maximum allowable concentration (MAC) for uncontaminated soil.

Based on the current data, all soil between impacted boring locations is assumed to be potentially contaminated. The objective of the proposed activities is to further refine the estimate of the impacted areas. Conditions will be evaluated within the interval most likely to be excavated during the reconstruction activities. An outline of the requested scope of services, budget, and schedule are provided in Section B.

Terracon Consultants, Inc. 135 Ambassador Drive Naperville Illinois 60540
P [630] 717 4263 F [630] 357 9489 terracon.com

B. SCOPE OF SERVICES

Utility Clearance

No later than 48 hours prior to intrusive activities, Terracon's subcontractor will contact the public utility locator DIGGER [1-312-744-7000] to arrange for public underground utility locates at the above referenced site.

Health & Safety Plan

Terracon has a 100% commitment to the safety of all its employees. As such, and in accordance with our Incident and Injury Free® safety goals, Terracon will develop a safety plan for use by our personnel during field services. Prior to commencement of on-site activities, Terracon will hold a brief health and safety meeting to review health and safety needs for this specific project. At this time, we anticipate performing fieldwork in a United States Environmental Protection Agency (USEPA) Level D work uniform consisting of hard hats, safety glasses, protective gloves, and steel toed boots. It may become necessary to upgrade this level of protection, at additional cost, during sampling activities in the event that we encounter petroleum or chemical constituents in soils or groundwater that present an increased risk for personal exposure.

Soil Sampling

Sixteen (16) soil borings will be advanced at the site. The borings will be advanced utilizing a Geoprobe to a maximum depth of five feet below grade surface (bgs). Soil samples will be collected from each boring and will be field-screened with a PID. Appropriate soil samples will be retained for laboratory analysis. Terracon notes that actual soil boring locations may vary slightly depending on the underground and/or overhead utilities and other site conditions.

Following the collection of the soil samples, the soil borings will be backfilled with soil cuttings and grouted to six inches bgs using hydrated bentonite chips and finished to match the surfacing material, to the extent practical.

All sampling equipment will be decontaminated before beginning the investigation and between each sampling point using Alconox®/potable water wash.

Field and Laboratory Analytical Program

The samples collected during the investigation will be submitted to the analytical laboratory under standard chain-of-custody procedures for standard turnaround. The laboratory analytical program is summarized in the following table.

Borings	Locations	Analysis	Method
B-2A, 3A, 4A, 5A, 6A, 8A, 15A	Locations of B-2 through B-8, and B-15	Field PID	PID
B-9A and B-11A	300' on each side of B-10	pH	EPA SW-846 Method 9045C
B-17A and B-19A	300' on each side of B-18	pH	EPA SW-846 Method 9045C
B-21A	B-21 location, (1'-2') interval	Total Lead and TCLP Lead	EPA SW-846 Methods 1311 and 6020
B-20A and B-21A (hold)	300' on each side of B-21	Total Lead and TCLP Lead	EPA SW-846 Method s 1311 and 6020
B-22A and B-24A	300' on each side of B-23	pH	EPA SW-846 Method 9045C

C. COMPENSATION

1. Fees

Terracon proposes to complete the required scope of work as described herein on a lump sum basis of \$8,200. This includes Terracon professional labor costs, travel and direct client expenses required to complete this scope of work using the project assumptions described herein. The fee is valid for 60 days from the date of this proposal and is based on the assumption that all field services will be performed under safety Level D personal protective procedures.

2. Schedule

The work will be commenced immediately upon work authorization. Drilling will be scheduled within two weeks depending on driller's availability. The soil sampling event will take place in two days. The draft report will be submitted within one week after the receipt of the final laboratory report. Based on a seven-day laboratory turn around, the draft report will be submitted within two weeks after the drilling activity.

3. Report Preparation

An electronic version of the written report will be provided to the client that will include the following:

- Documentation of field activities;
- Site plan showing pertinent site features;
- Analytical laboratory results;
- Data evaluation and presentation of pertinent findings; and
- Recommendations concerning further action, if necessary.

Analytical results will be compared to Illinois Environmental Protection Agency (IEPA) Tiered Approach to Corrective Action Objectives (TACO) Tier 1 Remediation Objectives (ROs). These LSI services will be performed in accordance with the scope of work agreed with you, our client, as set forth in this proposal and the Agreement for Services and are not intended to be in strict conformance with ASTM International (ASTM) E1903-11.

Findings, conclusions, and recommendations resulting from these services will be based upon information derived from on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic substances, petroleum products, or other latent conditions beyond those identified during this project. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings and our recommendations are based solely upon data obtained at the time and within the scope of these services.

4. Assumptions

Terracon assumes the following.

- Site access will be secured
- Work will be done during normal business hours (7 am to 7 pm)
- Level D PPE will be utilized
- Underground utilities are properly marked and Terracon is not responsible for underground utility damages if not marked appropriately
- Standard laboratory turn around (seven days)
- One mobilization for soil sampling
- IDW waste will not be generated during this investigation

D. Terms and Conditions

The work will be governed by the attached Supplement to Agreement for Services.

Terracon appreciates the opportunity to be of continued service and we look forward to working with you on this project. If you have any questions or comments pertaining to the material presented herein, please contact us at 630-717-4263.

Sincerely,
Terracon Consultants, Inc.


Linda C. Yang, P.G.
Environmental Department Manager


Brian Porter, PE
Senior Engineer

Cc: Matt Weiss, Terracon

Attachment A: Proposed Boring Locations Diagram

SUPPLEMENT TO AGREEMENT FOR SERVICES

CHANGE TO SCOPE OF SERVICES AND FEES

This **SUPPLEMENT to AGREEMENT FOR SERVICES** to the original Agreement for Services (original Agreement dated May 21, 2012, Agreement reference number P11120202) is between Village of Hoffman Estates ("Client") and Terracon Consultants, Inc. ("Consultant") for additional or changed Services to be provided by Consultant for client on the Project, as described in the Agreement for Services, unless otherwise described in the Project Information section of Consultant's Supplemental Proposal dated August 29, 2012 ("Supplemental Proposal"), or Exhibit A to this Supplement (which section or exhibit is incorporated into the Supplement). This Supplement is incorporated into and part of the Agreement for Services.

1. Scope of Services. The scope of the additional or changed Services are described in the Scope of Services section of the Consultant's Supplemental Proposal, unless Services are otherwise described below or in Exhibit B to this Supplement (which section or exhibit are incorporated into the Supplement).

Please see Proposal P11120526

2. Compensation. Client shall pay compensation for the additional or changed Services performed at the fees stated in the Supplemental Proposal unless fees are otherwise stated below or in Exhibit C to this Supplement (which section or exhibit are incorporated into the Supplement).

Please see Proposal P11120526

All terms and conditions of the **Agreement for Services** shall continue in full force and effect. This Supplement is accepted and Consultant is authorized to proceed.

Consultant: **Terracon Consultants, Inc.**

By: [Signature] Date: 9/6/12

Name/Title: Linda Yang, Dept Manager

Address: 135 Ambassador Drive

Naperville, Illinois 60540

Phone: 630.717.4263 Fax: 630.357.9489

Client: _____

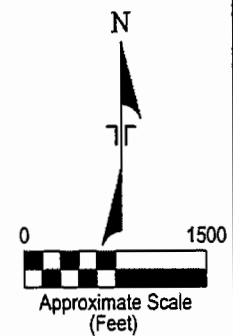
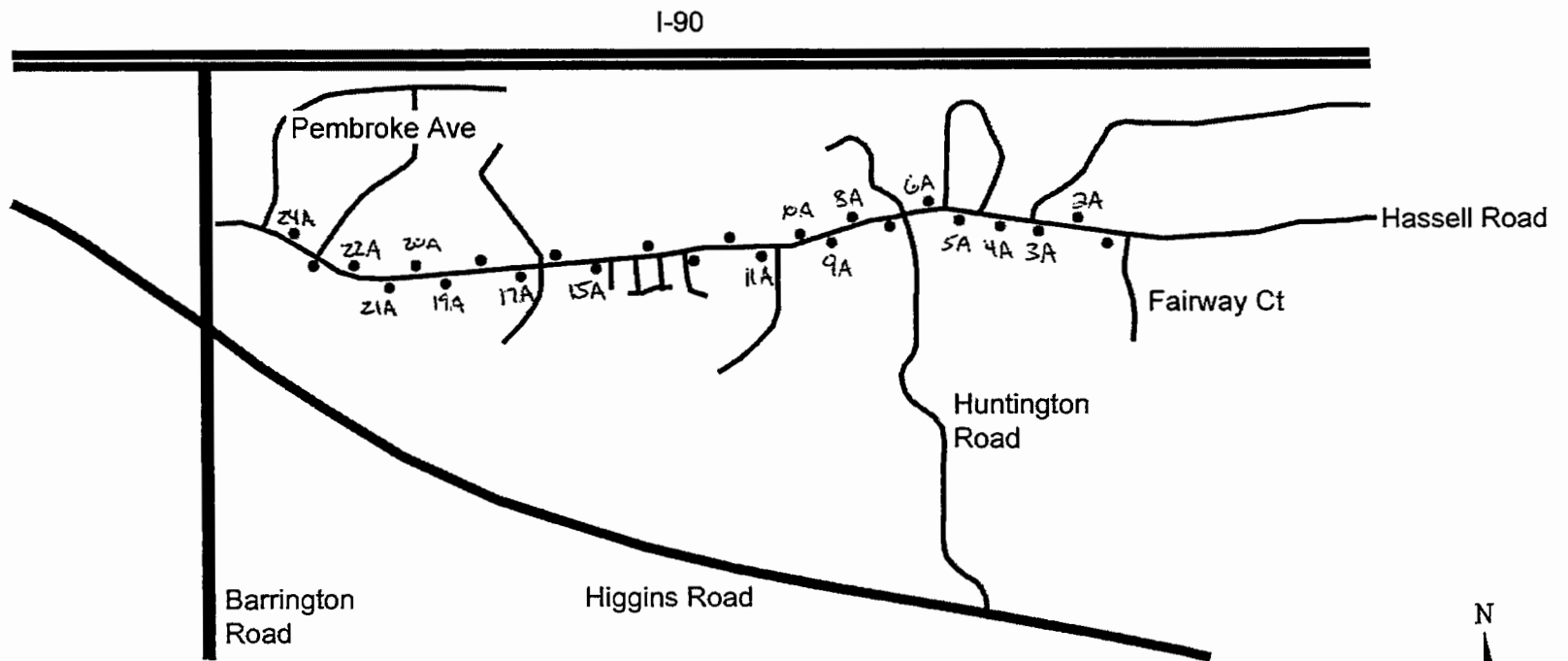
By: _____ Date: _____

Name/Title: _____

Address: _____

Phone: _____ Fax: _____

Supplement Reference Number (Terracon Supplemental Proposal or Project Number): P11120526



THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mgr:	LY	Project No	11120526
Drawn By:	DWD	Scale	AS SHOWN
Checked By:	LY/MRF	File No	11120526-2
Approved By:	LY	Date:	AUGUST 2012

Terracon
Consulting Engineers and Scientists

135 Ambassador Drive Naperville, Illinois 60540
(630) 717-4263 (630) 357-9489

SITE MAP
VILLAGE OF HOFFMAN ESTATES
HASSELL ROAD RECONSTRUCTION
PEMBROKE AVENUE TO FAIRWAY COURT
HOFFMAN ESTATES, IL

EXHIBIT

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request Authorization of Change Order Number One in the amount of \$18,360.38 to Homer L. Chastain Associates of Chicago, IL for engineering design and construction services on the Higgins Road bicycle and pedestrian CMAQ project

MEETING DATE: September 24, 2012

COMMITTEE: Public Works and Utilities

FROM: Gary Salavitch

PURPOSE: Request Authorization of Change Order Number One in the amount of \$18,360.38 to Homer L. Chastain Associates of Chicago, IL for engineering design and construction services on the Higgins Road bicycle and pedestrian CMAQ project.

BACKGROUND: The Higgins Road bicycle and pedestrian construction is funded with 80% federal funds from the Congestion Mitigation Air Quality (CMAQ) program. The CMAQ funds can only be used for construction of these improvements and not for the construction inspection, documentation, and other tasks. The project is complete with the exception of sod this fall and other landscaping set for next spring. The construction cost changes have not been finalized and will be included with a future agenda item when the project is complete next spring. Homer Chastain & Associates were hired by the Village to manage and document construction activities.

DISCUSSION: Two issues developed during the construction of the bike path pedestrian bridge that required additional construction expenses covered under the CMAQ grant and also additional engineering design and construction services.

First, the original design for the bridge foundation would not work due to conflicts with an AT&T duct discovered in construction, nearby sanitary sewer and the overhead electric lines did not allow a pile driver to operate in such close proximity. The AT&T duct is actually located under the proposed foundation for the bike bridge instead of much closer to the road as provided on plans by AT&T. Pile drivers require 40 feet of clear space above the ground to operate and the overhead wires were approximately 20 feet above the ground at this location. In addition, wooden piles pushed into the ground would have been too close to the AT&T duct and a nearby sanitary sewer. As a result, the foundation for the north side of the bridge had to be redesigned to avoid the AT&T duct and eliminate the pile driving as a foundation method. Due to the timing of the required information, Chastain was utilized to redesign the bridge foundation and other work such as the inspection increased as a result of the more complicated bridge foundation. Time was of the essence and changes to the original design had to be made.

DISCUSSION: (continued)

This portion of the work was approved by IDOT and Staff in anticipation of bringing the change order to the Village Board at the end of the project.

Second, since the foundation design changed considerably on the bridge and the contractor chose another foundation design on the south end, IDOT required the Village (thru its consultant) to document, on a time and material basis, all costs relating to the construction of the pedestrian bridge. This would include documenting, on a daily basis, all labor, materials and equipment used for the proposed structure and its foundations. The documented T & M costs will be evaluated against the lump sum price in the contract.

Also, should the contractor make a claim or dispute the value of the work or dispute the cost relating to scope of work changes, we would have sufficient documentation to make a fair analysis in accordance with the requirements of Article 109.04 of the IDOT Standard Specifications.

This additional work requested by IDOT was not originally contemplated or would have been anticipated by the consultant. The construction of the Pedestrian Bridge had always been anticipated to be performed concurrently with other construction activities by the contractor and it was not anticipated that continuous monitoring of labor, materials and equipment was necessary. The contractor's original progress schedule showed that the bridge construction was to be performed and completed in May 2012 similar to what Chastain had anticipated, however this work took much longer than anticipated due to the items mentions above.

FINANCIAL:

The construction project was approved for \$750,000 in CMAQ funds and the low bid amount was \$640,000. This would allow all construction related increases be covered under the CMAQ grant with 80% funding. Since the portion of the overall project affected by the change order is within the Roselle Road TIF District, the additional design and construction related services for the bridge changes will be paid with TIF funds. Final construction costs will be determined based on the project close out. The revised total cost of the engineering design and construction contract with Chastain is \$79,985.07. Since this amount included design work, the total is still in line with industry standards for this type of work.

RECOMMENDATION:

Request Authorization of Change Order Number One in the amount of \$18,360.38 to Homer L. Chastain Associates of Chicago, IL for engineering design and construction services on the Higgins Road bicycle and pedestrian CMAQ project.

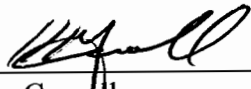
DEPARTMENT OF PUBLIC WORKS

AUGUST MONTHLY REPORT

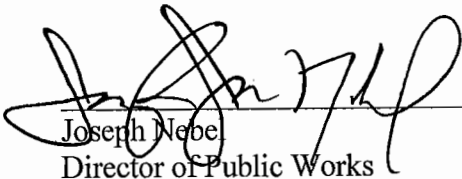
SUBMITTED TO PUBLIC WORKS COMMITTEE

SEPTEMBER 2012

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

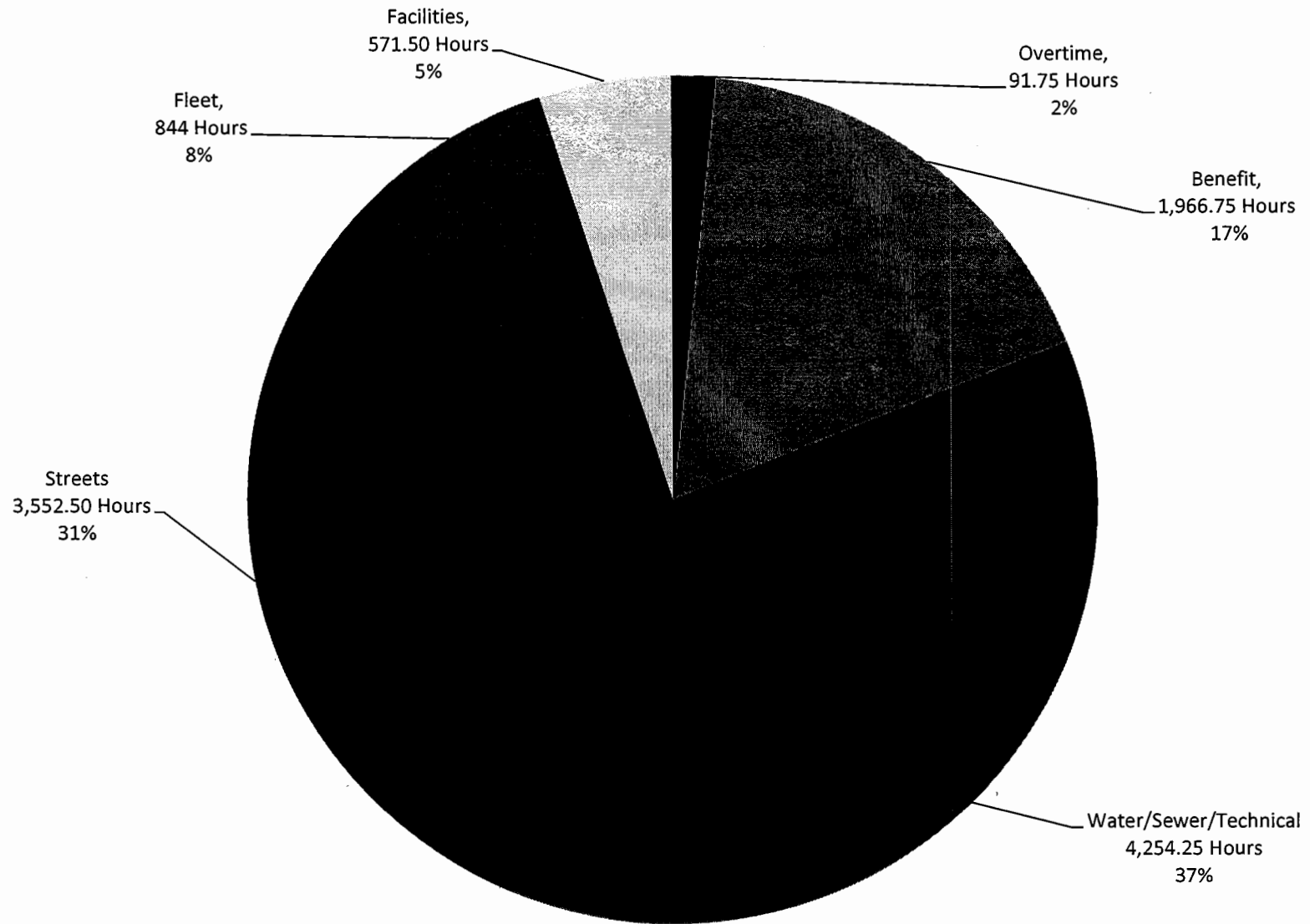


Ken Gomoll
Assistant Director of Public Works

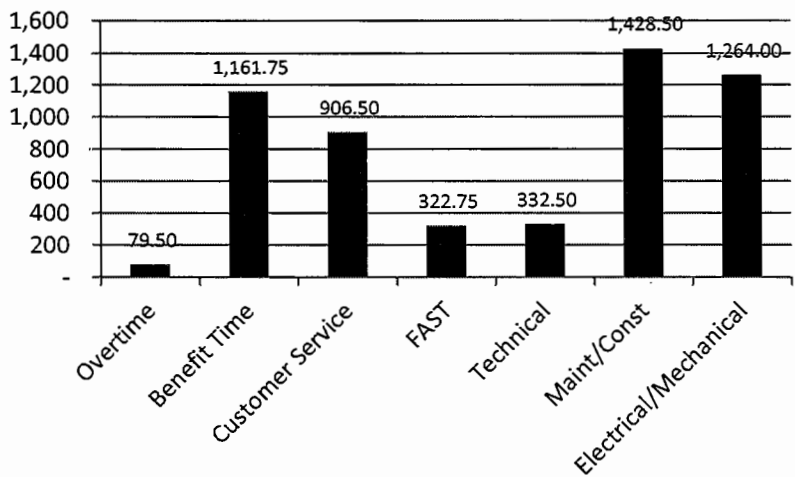


Joseph Nebel
Director of Public Works

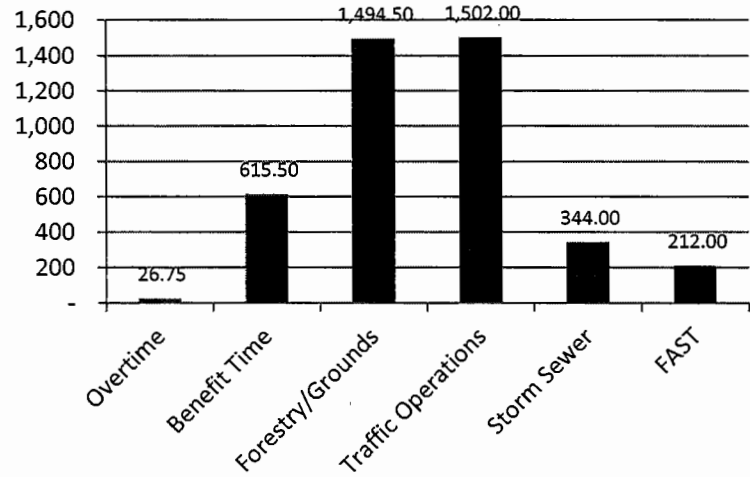
Public Works Department Total Hours August 2012



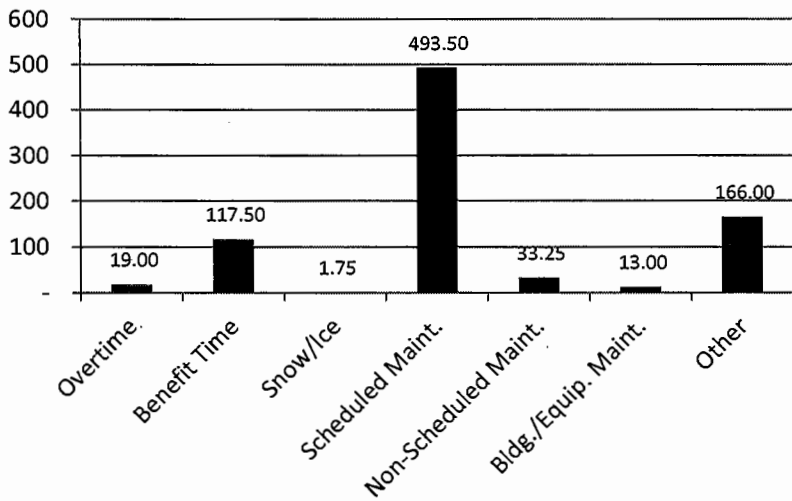
Water Total Hours August 2012



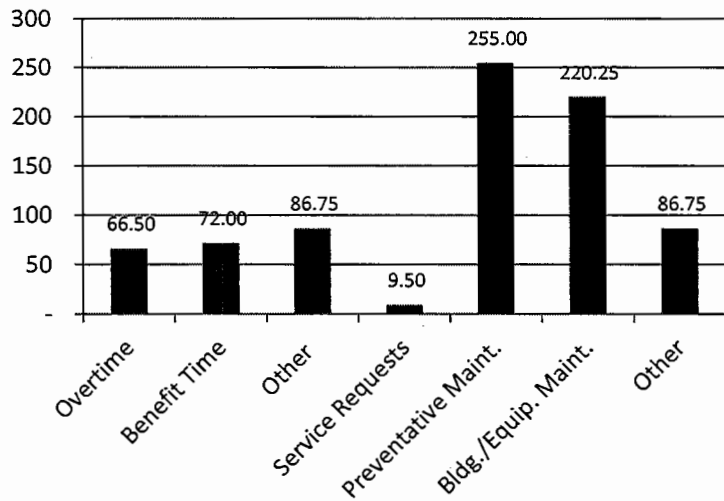
Street Total Hours August 2012



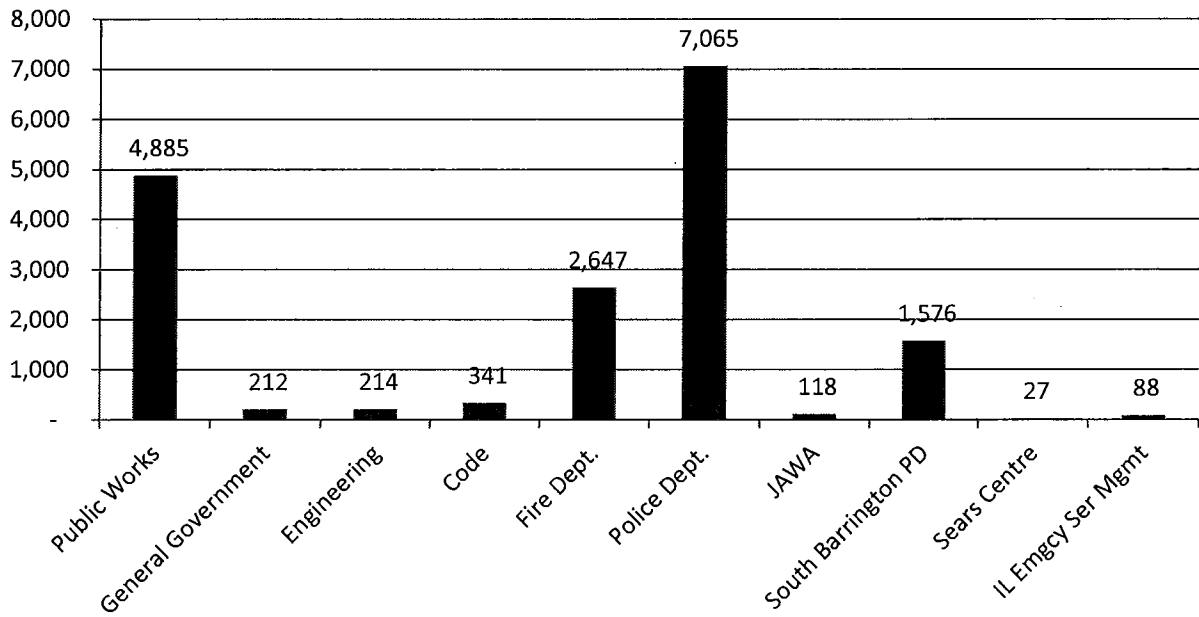
Fleet Total Hours August 2012



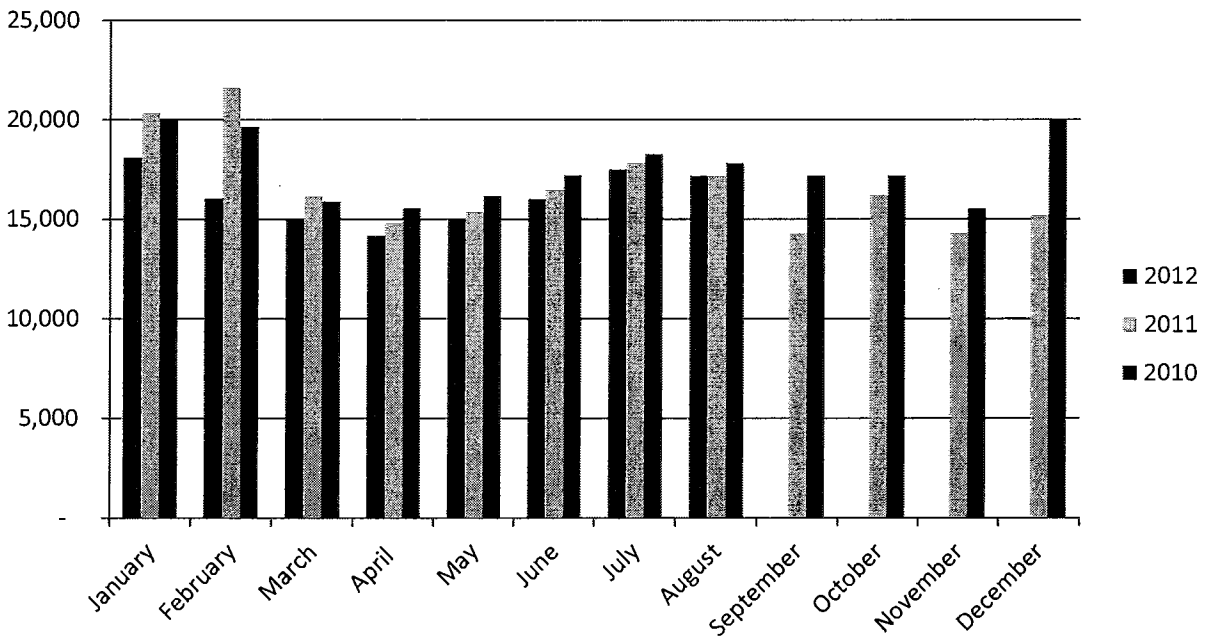
Facilities Total Hours August 2012



August 2012 Fuel Usage by Department / Gallons



Total Fuel Used / Gallons



*** MAJOR PROJECT STATUS****2011/2012 Sanitary Sewer Rehabilitation**

On December 5, 2011, the Village Board approved Visu-Sewer of Illinois, Inc to perform repairs to the sanitary sewer system. The contracted work included 8 full sections of manhole to manhole CIPP (Cured-in-Place Pipe) lining of approximately 1960 feet of sewer mains, installation of 3 manholes and replacement of 100 feet of sewer pipe through excavation to correct a back pitched flow condition. A pre-construction meeting was held on January 26, 2012. The work started in the week of February 13th. The construction zones occurred on the following streets:

1. Between 200 Lafayette Lane and 250 Lafayette Lane
2. Between 600 Edgemont Lane and 690 Edgemont Lane
3. Between 590 Lakeview Lane and 630 Lakeview Lane
4. Between 250 W. Berkley Lane and 296 W. Berkley Lane
5. Between 620 Audubon Street and 705 Audubon Street
6. The south side of Mayfield Lane from 1405 to 1505 for replacement of back pitched sanitary sewer

Before the end of February 2012, the installation of three manholes was complete. 210 feet of pipe was replaced to correct the back pitched area on Mayfield Lane. In March, 5 spot repairs by excavation have been completed (3 at Lakeview for a total of 44 feet), 1 at Edgemont for a total of 10 feet and 1 at Audubon for a total of 7 feet).

In April, one additional spot repair by excavation was done at Lakeview Lane for replacement of 14 feet of sewer pipe and 8 full sections of manhole to manhole CIPP lining of 1,967 feet were completed at the following locations: Locations 1 – 5 as stated above.

Site restoration with sod and replacement of damaged driveway sidewalk is complete except for the Lakeview site, which will be done when the weather is favorable. A 2nd list of approximately 1,800 feet of CIPP lining of sewer mains is currently planned for **September** this year with priority ranked as follows:

- Between 620 W. Berkley and 630 W. Berkley (manhole 772 – manhole 773)
- Between 1910 Ashley and 1990 Ashley (manhole 302 – manhole 301)
- Between 1620 Pierce and 1660 Pierce (manhole 344 – manhole 343)
- Between 190 Westview and 230 Westview (manhole 986 – manhole 1009)
- Between 170 Westview and 190 Westview (manhole 1009 – manhole 1010)

Sanitary sewer flow monitoring was conducted to determine any additional sites to be added to the critical repair list.

The project is expected to close in October 2012.

Installation of a Wireless Communication Infrastructure for the SCADA System

On May 7, 2012, the Village Board authorized the contract for the Installation of a Wireless Communication Infrastructure to replace the existing leased telephone circuits. The project covers a thorough review of the existing hardware and software, practical plan for phasing out the tree leased phone circuits, installation of the radio antenna, power supply and system programming for all sixteen (16) lift stations, seven (7) water towers, three (3) reservoirs, five (5) flow meters, two (2) booster pump stations and two (2) high service pump stations. A Notice-to-Proceed was issued to the contractor, Automatic Control Services on May 30, 2012, and a project kick-off was held on June 6, 2012. A FCC license application was submitted on June 20, 2012.

In July, the proposed frequency for the water/sewer system control (159.750 MHz) was checked to ensure no interference from owners of antenna on Stonington tower using the 150 MHz frequency range including Village Police Department using 155,715 MHz for backup police radio system (VHF).

Antenna transmission and receiving test done on August 6th confirmed that all remote water and sewer facilities (28 sites) are within the communication range of Stonington Tower. Antenna installation plans for difficult sites were made to ensure pleasant appearance of the system for area residents. Applications for construction permits were submitted.

The project is expected to close in December 2012.

***Added information**

ADMINISTRATIVE AND TECHNICAL SERVICES

During the last month the following was completed:

1. Participated in weekly site plan review meeting
2. Performed download of M-Cal gas calibration readings per OSHA/IDOL requirements
3. Prepared articles for Citizen and Village Voice
4. Coordinated monthly job code data entry
5. Prepared monthly report charts
6. Performed sidewalk inspections in various locations in the Village
7. Performed parts purchasing and inventory for Fleet Services
8. Updated monthly performance measures report
9. Reviewed plans for Bradwell Estates and Valli
10. Assisted sanitary crew with flow management database
11. Performed bi-weekly sanitary database back-up and antivirus scan
12. Updated storm sewer atlas and creek structure angles
13. Updated GIS database with water main/water valve field corrections in South section
14. GPS work: Exposed water main at Sussex Walk & Manchester Dr. and at football field behind Hoffman Estates High School
15. Updated all underground utilities at Mary Kay site, Beverly Rd., Central Rd., Aldi site and Medcoa office building
16. Printed maps for Hassell Rd. reconstruction for storm sewer televising, and street lights for crews
17. Assisted with locating water main at Village Hall and Hassell Rd. intersection and locating force main manholes along Rt. 59 and Schaumburg Rd.
18. Continued research on connecting all Access databases to GIS
19. Relocated signs database on the GIS server to display with intranet maps

UTILITY LOCATES TEAM

1. Performed 440 regular priority J.U.L.I.E. utility locates for the month; 2626 year-to-date
2. Performed 67 emergency priority J.U.L.I.E. utility locates for the month; 139 year-to-date
3. Participated in 12 Utility Joint Meets; 93 year-to-date
4. Performed R.O.W. inspections
5. Performed sanitary sewer inspections

STREETS

- **F.A.S.T. (Fast Action Service Team)**

1. Responded to 137 requests for the month, 620 year-to-date
2. Assisted meter shop with shut-offs of delinquents meter accounts
3. Performed water bill drop box pick ups
4. Assisted with sanitary sewer inspections
5. Performed R.O.W. clean-up in various locations throughout the Village
6. Performed mail run duties
7. Performed building maintenance at Fleet Services
8. Performed street light inspections
9. Received deliveries at Susan Kenley-Rupnow Public Works Center
10. Performed floor grate inspections at Susan Kenley-Rupnow Public Works Center garage
11. Performed tower light inspections
12. Performed monthly maintenance on 5 message boards
13. Assisted with meter appointments
14. Transported loads of black dirt
15. Transported scissor lift to Village Hall
16. Assisted with Electronic Recycling at Village Hall
17. Assisted with Public Works recycling and battery recycling
18. Repaired chain link fence on Brookside
19. Performed cleaning of wash bay at Fleet Services
20. Performed site lock ups at Susan Kenley-Rupnow Public Works Center and Fleet Services
21. Performed lamp inspections at Susan Kenley-Rupnow Public Works Center
22. Assisted with water meter route reading
23. Exercised conveyor belt system at West site
24. Exercised flood gate valves on Pierce
25. Responded to emergency JULIE locates on Dorchester Ln. and Yorkshire Ct.
26. Set up and took down signs for Village Green concerts
27. Switched out lights in Public Works garage
28. Transported vehicles for Safety Lane testing

13	Woodchip deliveries	1	Graffiti removal
5	Possible sewer back-ups	7	Possible water leak
74	Branch pick-ups	6	Miscellaneous service requests
1	Black dirt & seed	18	Dead animal pick-ups
1	Street sign	3	Debris in roadway
3	B-box repairs	1	Illegal dumps
7	Sidewalk deviations	1	Barricade pick-up

- PAVEMENT MAINTENANCE TEAM

1. Repaired potholes at various locations Village-wide
2. Performed scheduled equipment maintenance on Unit #50 and pavement equipment
3. Performed street inspections and inventory for pavement repairs
4. Performed yard maintenance at Fleet Services facility
5. Performed guard rail repair and inspection along Bode Rd.
6. Performed raised pavement marking and delineator repairs at various locations Village-wide
7. Performed pavement equipment maintenance
8. Assisted with street light maintenance and repairs
9. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center
10. Assisted sign team with maintenance repairs
11. Performed Old Sutton delineator maintenance
12. Performed purchasing and budget work for pavement team
13. Performed street repairs at various locations throughout the Village of Hoffman Estates
14. Performed curb line repairs with hot patch asphalt at various locations Village-wide
15. Performed Thermoplastic pavement marking at various locations Village-wide
16. Performed inlet pre-cut maintenance at various locations throughout Village
17. Performed asphalt grind and patch at various locations Village-wide
18. Performed street repair for water excavation on Concord Ln. and Jefferson Rd.
19. Performed driveway installation at Tower #6
20. Performed storm sewer inlet repairs at various locations Village-wide
21. Performed safety coordination of Department Tailgate and Department training research

- SIGNS

1. Assisted with street light repairs
2. Performed sign straightening at various locations Village-wide
3. Performed traffic barricade maintenance
4. Replaced or repaired 14 signs due to wind, vehicle damage or vandalism
5. Assisted with pothole repairs and patching at various locations Village-wide
6. Performed purchasing/pricing of sign maintenance and repair supplies
7. Performed tree trimming for sign clearance at various locations Village-wide
8. Performed ongoing street sign maintenance log
9. Assisted with hot asphalt patching at various locations Village-wide
10. Performed sign reposting on Yardley Ln., Wilmington Ln., Warrington Ln, Hundley Way, Downey St., Hundley St. N., Wainsford Dr., Warwick Dr. N. & S., Worthington Dr.
11. Fabricated, assembled and installed signs at various locations Village-wide
12. Performed ESDA room barricade maintenance
13. Completed sign inventory Village-wide
14. Resign Lakeview Ln. at Lakeview School due to new parking restrictions/loading zone; Huntington/Freeman Blvd. with Bike Route signage per Engineering; Public Works Parking lot
15. Fabricate and install Platzkonzert signs Village-wide
16. Relocated sign at 655 Lakeview Ln. to lot line
17. Prepared Hoffman Estates Public Works logos for Homeland generators
18. Performed barricade preparation for Block Parties
19. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- **STREET LIGHTS**

1. Responded to 6 resident requests for repair service; 43 year-to-date
2. Repaired 65 street lights; 310 year-to-date
3. Cleared tree branches obstructing street light poles in various locations Village-wide
4. Assisted with sign installations at various locations Village-wide
5. Located street light cables for sign installations, storm sewer and water excavations
6. Notified ComEd of street light outage at NW c/o Higgins Rd. and Glen Lake Rd.
7. Notified Association of street light outage at 1972 Haddam Pl.
8. Changed out 6 street light poles and fixtures in Public Works parking lot with recycled poles and new LED fixtures
9. Repaired street light cable from contractor hit on Pratum R.O.W.
10. Wired 4 photocells in Barrington Square street light cabinets
11. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

FORESTRY TEAM

1. Responded to requests for service; 131 for the month; 640 year-to-date
2. Emerald Ash Borer (EAB) Ash tree removals; 78 for the month, 199 year-to-date
3. Ash tree reduction removals; 3 for the month, 34 year-to-date
4. Performed routine tree maintenance, branch pick-ups, tree removals, storm damage, corrective treatments, inspections and tree trimming Village-wide
5. Performed tree equipment maintenance
6. Performed measurement and logging of daily precipitation
7. Performed tree inspections related to Emerald Ash Borer
8. Performed planting bed maintenance
9. Performed mowing contractor follow-up
10. Performed watering of newly planted trees
11. Performed ground trimming in the Evergreen subdivision
12. Supervised EAB contractor tree removal program
13. Performed duties related to stump grinding
14. Performed ground tree trimming Hunters Ridge area
15. Assembled display at Village Hall for Community Pride Awards
16. Prepared for upcoming contractor tree trimming program
17. Performed tree trimming at Rt. 72 and Roselle Rd. around red light camera at request of Police Department
18. Transported vehicles to Safety Lane for testing
19. Performed garage floor maintenance at Susan Kenley-Rupnow Public Works Center

WATER & SEWER

• STORM SEWER TEAM

1. Performed monthly lake/creek checks and maintenance
2. Performed vehicle equipment maintenance
3. Performed yard clean-up and maintenance at Fleet Services facility
4. Continued beaver dam checks east and west of Harmon Blvd.
5. Completed weekly barricade checks
6. Assisted with stump grinding dig out and haul out
7. Assisted with 8" valve replacement at NW c/o Western St. and Westview St. and 6" valve replacement at 250 Mohave St.
8. Assisted with water main repairs at 1775 Sussex Walk and behind Hoffman Estates High School
9. Performed framing and pouring of concrete for scheduled sidewalk, curb and apron replacements
10. Completed inlet repairs at 4020 Parkside Dr., 520 Mohave St. and 1505 Falcon Ln.
11. Performed garage floor maintenance at Susan Kenley-Rupnow Public Works Center
12. Transported vehicles to Safety Lane for testing

• OPERATIONS TEAM

1. Collected (60) monthly water samples for bacteriological testing, (7) raw well water samples and (1) residential water quality sample
2. Performed weekly well and lift station checks
3. Exercised wells, discharged to waste
4. Collected JAWA and Interzone pump readings
5. Performed monthly sump pump maintenance at all wells, lift stations, towers and JAWA pits
6. Assembled monthly water usage and IEPA water report
7. Performed electrical work and trouble inspections at Village-owned buildings
8. Performed back-up generator maintenance at lift stations, pumping stations, radio system locations and Village buildings
9. Monitored water construction and water operating permits, including water pressure tests and bacteriological testing
10. Performed maintenance on Western Development Area lift station up-blast fan
11. Seal coated all water location driveways
12. Downloaded flow monitoring information in Highland area
13. Monitored all tower antenna projects
14. Replaced electrical starter for Pump #1 at Pfizer Lift

- CONSTRUCTION / MAINTENANCE TEAM

1. Performed water and sewer excavation barricade checks at various locations Village-wide
2. Performed clean-up of spoil bins at Fleet Services facility
3. Performed clean-up of spoils at dead end of Pembroke Ave.
4. Performed water/sewer restoration site inspections at various locations Village-wide
5. Performed storm sewer, cleaning and lake / creek checks
6. Performed hydrant replacement and/or repairs at 280 and 365 Mohave St., 1380 Algonquin Rd., 370 Lincoln Dr.
7. Assisted with stump grinding clean-up
8. Performed black dirt and seed restoration
9. Performed valve replacement at 405 Western St and 250 Mohave St.
10. Performed water main repairs at Hoffman Estates High School football field and 1925 Pierce Rd.
11. Performed concrete removal at various locations Village-wide
12. Performed b-box repair at 690 Mohave St., 1817 Raleigh Ln.
13. Assisted storm sewer crew at c/o Hillcrest Blvd. and Monticello Ln., 1092 Gannon Ct., 4030 Parkside Dr. and on Concord Ln.
14. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- SANITARY SEWER FLOW MANAGEMENT TEAM

1. Flushed 17,295 feet of main sewer lines for the month, 199,063 feet year-to-date
2. TV inspected 454' feet sanitary sewer for the month, 15,642 feet year-to-date
3. Performed storm sewer TV inspections related to Hassell Rd. reconstruction for Engineering
4. Applied liquid and dry microbe formula for enhancement of wastewater treatment systems
5. Performed confined space entry of sanitary man hole at c/o Schaumburg Rd. and Rt. 59
6. Assisted Operations with water samples
7. Performed cleaning and TV inspection of sanitary gravity main line on Rt. 59
8. Completed flushing and cutting of quarterly trouble spots
9. Removed concrete flow restriction from sanitary manhole on Dexter Ln.
10. Performed sanitary TV inspection on main line on Chippendale Ln. to confirm location of a contractor's stuck rodder
11. Performed landscape watering at Village facilities
12. Performed equipment maintenance on Units #40 and #67
13. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- STORM SEWER CLEANING/UTILITY LOCATE TEAMS

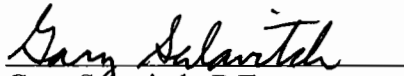
1. Vacuumed and flushed 2,800 feet of storm sewer for the month; 34,216 feet year-to-date
2. Water usage by Unit #66 15,000 gallons for the month; 268,808 gallons year-to-date
3. Completed sanitary sewer service inspections at 309 Glendale Ct., 131 Bradley Ln., 300 Lafayette Ln.
4. Performed routine vehicle and equipment maintenance
5. Performed barricade checks at various sites Village-wide
6. Performed installation of new fire hydrants at 370 Lincoln Dr., 280 and 365 Mohave St.,
7. Performed water main valve inventory in the Parcels A, B and D
8. Jetted trenches at several locations throughout the Village
9. Pressure washed and painted fire hydrants in Moon Lake area
10. Performed b-box repairs at 1900 Ashley Rd., 690 Mohave St., 1817 Raleigh Ln.
11. Repaired water main leaks at Hoffman Estates High School, 550 Milton Ln., 1796 Sussex Walk
12. Cleared debris from storm inlets in Parcels B, C, D, Highlands, Moon Lake and Barrington Square
13. Installed black dirt and seed at various restoration sites throughout the Village
14. Performed storm sewer repairs at Hillcrest Blvd. & Monticello Ln., 1092 Gannon Ct., 4030 Parkside Dr. & Concord Ct.
15. Vactored asphalt grindings on Concord Ct.
16. Vactored gravel from sanitary sewer structures in Parcel D
17. Assisted with garage light installations at the Public Works Center
18. Poured concrete for sidewalks and driveway aprons at 320 Alpine Ln., 555 Paris Ln., 280 & 365 Mohave St., 425 Newark Ln., 4035 Parkside Dr. and Concord Ct.
19. Monitored contractor water service connection at 131 Bradley Ln.
20. Repaired Ela Rd. water main valve (for Butterfield Ct.)
21. Pumped down Hassell Rd. water main vaults to determine pipe composition

- CUSTOMER SERVICE/METER TEAM

1. Performed 49 Water Billing customer service appointments at various locations Village-wide
2. Performed 368 water meter readings related to actual/finals/investigatory concerns generated through the Finance Department
3. Performed inter-office mail delivery services
4. Performed water meter readings for 15,678 billing accounts
5. Performed corrective water meter repairs for 25 service requests
6. Performed 2 Meter Interface Unit repairs at various locations throughout the Village
7. Performed delinquent water account duties at 82 locations throughout the Village
8. Performed siding permit repairs/inspections at 25 locations Village-wide
9. Performed new construction plan review
10. Installed new commercial water meter at a Wendy's restaurant
11. Assisted contractor with Village building backflow testing and repair
12. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

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

Attached is the second installment of the Department of Development Services Monthly Report for Transportation and Engineering for the period ending September 21, 2012.


Gary Slavitch, P.E.
Director of Engineering

MISCELLANEOUS

Staff has provided floodplain information to one resident in the last month.

Staff had four drainage investigations in the last month.

Staff completed inspections for various permit work such as sealcoating, garages, room additions, parking lot improvements, and private drainage improvements. This includes inspection for the projects below. Inspections vary but often can be quite numerous.

We assist Public Works weekly on utility locates for Julie and various other projects.

External and internal communications consist of emails, phone calls, informal meetings and interruptions as well as front counter walk-ins.

PROJECT STATUS

VILLAGE PROJECTS	
PROJECT NAME	DESCRIPTION
2012 Crack Sealing Project	Project to start in October after branch pickup. Village Project Manager – Andy Lobosco
2012 Drainage Project	Four locations are in the design phase for a fall project. These locations and policy were recently approved by the Village Board. Village Project Manager – Gary Salavitch
2012 Street Revitalization Project	Project is 95% complete with the contractor working on surface patching. Please refer to the schedule and monthly status attached to this report. Village Project Manager – Marty Salerno
Barrington Interchange Project	Early project coordination ongoing. More public relations than design work at this time. Next CAG meeting on September 25. Please visit barringtonroadinterchange.com for more information. Village Project Manager – Gary Salavitch
Beacon Pointe Drive Detention Basin	No change in the last month. A meeting with the Park District produced a punch list of the remaining outstanding issues with this basin. The Village received letter of credit funds to complete this project. A project to complete the basin landscaping will start this fall. Village Project Manager – Gary Salavitch
Hassell Road Culverts and Reconstruction	The Village received IDOT approval on Phase One design so staff and Hey and Associates are completing the design work on the street reconstruction and culvert replacement project. Road design and plan preparation are ongoing. Village Project Manager – Gary Salavitch

VILLAGE PROJECTS	
PROJECT NAME	DESCRIPTION
Higgins Road Bike Path	The project is complete including the bridge with sod restoration in process and landscaping to be done in the spring. Village Project Manager – Gary Salavitch
Hoffman Bridge	North parapet wall concrete will be revisited in the spring. Village Project Manager – Gary Salavitch
Jones/Highland Drainage Solution	Minor punch list items remain. The storm sewer project would help with the flooding at the Jones/Highland intersection. Village Project Manager – Gary Salavitch
Palatine Road Widening Project	Signal plans completed by staff were submitted to IDOT and comments have been received. The Phase Two design plans have also been submitted to IDOT. The project letting date has been delayed to early 2013. Village Project Manager – Gary Salavitch
Parcel 16	Restoration of the site is needed after obtaining letter of credit funds to complete this work. Project to be bid out in October. Village Project Manager – Gary Salavitch
Prairie Stone Parkway/Higgins Traffic Signal	Project should wrap up in 2 to 3 weeks. Signal work nearing completion. Concrete street work is complete. Village Project Manager – Gary Salavitch
Sears Centre Arena	Restoration of existing and new dirt piles in process. Quotes were received and submitted to SCA to improve these areas. Village Project Manager – Gary Salavitch

COMMERCIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Audi Car Dealership	Mass grading has started with erosion control and construction fencing installed. IEPA and MWRD permits are in process. Village Project Manager – Terry White
Heidner Commercial (Barrington and Hassell)	Underground concrete detention basin complete. Utilities are underway with street crossings complete and pavement restoration to be done as soon as possible. Building work delayed. Village Project Manager – Terry White
Hoffman Plaza	Water service disconnection and easements are still in process. Village Project Manager – Gary Salavitch
Mariano's Fresh Market	Project complete. Village Project Manager – Terry White

COMMERCIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Morizzo Funeral Home	Building work and some site work are ongoing. All utilities are complete, including testing, and storm is complete. Detention basin construction is complete. Parking lot work ongoing with connection to the Assembly. Village Project Manager – Terry White
Saddle Room Restaurant	Building and parking lot work are ongoing. All utilities are complete. Opening set for early November. Village Project Manager – Terry White
Stone Eagle Restaurant	Site and building work are ongoing. Dumpster removed and opening set for October. Village Project Manager – Terry White

RESIDENTIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Airdrie Estates	This residential project has been on hold for a couple of years and may get started soon with house construction on a lot. Working with the developer on debris cleanup and mowing. Village Project Manager – Terry White
Beverly Apartments	This project is no longer being considered for this site. Village Project Manager – Gary Salavitch
Bradwell Subdivision (Bradwell Road)	No change in the last month. Proposed site layout and preliminary engineering are being reviewed by staff for a proposed 19 lot subdivision off Bradwell Road. Village Project Manager – Gary Salavitch
Devonshire Woods Estates	Village acceptance occurred on July 2 and this subdivision does not have a maintenance period. Village Project Manager – Gary Salavitch
Yorkshire Woods	The goal is to accept this project as soon as possible. The Park District must still receive the deed for their parcels of land in this project. The Village is facilitating this with the former developer/owner. All other work is complete. Village Project Manager – Gary Salavitch

MISCELLANEOUS PROJECTS	
PROJECT NAME	DESCRIPTION
930 Freeman House Construction	Work to start soon on a new house at this existing four lot subdivision. Village Project Manager – Terry White

MISCELLANEOUS PROJECTS	
PROJECT NAME	DESCRIPTION
Barrington Lakes Fence Project	Project guarantee and other preliminary work are submitted for this project. Access concerns have delayed this project. Village Project Manager – Gary Salavitch
Barrington Square Parking Lot Improvements	The installation of the underground detention basin is complete. Parking lot and entrance work are ongoing. Village Project Manager – Terry White
EJ&E / CN Acquisition Project	A public meeting is set for September 25. Contracts to further study the noise and drainage conditions are complete. A Noise Abatement Wall Open House went well with several residents attending. Village Project Manager – Gary Salavitch
St. Alexius Medical Building	Parking lot improvements are complete. Village Project Manager – Terry White
St. Alexius Medical Center	Significant building work is ongoing. The ring road is complete. Utilities are inspected, tested, and are complete. Village Project Manager – Terry White
Shree Jalaram	The original church parking lot expansion is complete and now being revised for the building addition. Previous parking lot project is complete with outstanding issues remaining. Village Project Manager – Terry White
Willow Creek Building Expansion	Water main relocation is complete. Chlorination and pressure testing remains. Site and building ongoing. This project needs VB approval for MWRD annexation. Village Project Manager – Gary Salavitch

2012 Street Revitalization Project Schedule Update: (September 10, 2012)

RECONSTRUCTION STREETS	Start Date ¹	Pre-Construction			Construction													Landscaping			Percent Complete
		Survey Staking	Tree Root Pruning	Sawcutting	Concrete Removal	Asphalt Removal	Earth Excavation	Sub base Backfill	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Fine Grading	Asphalt Binder	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed			
1. BRITTANY LANE Charlemagne Dr to Charlemagne Dr	6/15/2012																			95%	
2. BUCKEYE DRIVE Bradley Ln to End of Street	5/8/2012		N/A																	95%	
3. DES PLAINES LANE Kingman Ln to Geronimo St	4/25/2012		N/A																	100%	
4. NEWCASTLE LANE Fairmont Rd to End of Street	4/24/2012																			100%	
5. PARKSIDE DRIVE (N) Ridgewood Ln to Huntington Blvd	5/21/2012																			95%	
6. STURBRIDGE DRIVE-PH 1 Portage Ln (S) to Portage Ln (N)	5/17/2012																			95%	
7. STURBRIDGE DRIVE-PH 2 Portage Ln (N) to Westbury Dr	6/6/2012																			95%	
8. WILLIAMSBURG DRIVE (N) Governors Ln to End of Street	4/19/2012																			100%	
													Completed		In Progress						

¹Tentative / Actual

Definition of Construction Steps:

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

2012 Street Revitalization Project Schedule Update: (September 10, 2012)

RESURFACING STREETS	Start Date ¹	Pre-Construction		Construction										Landscaping		Percent Complete
		Survey	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Asphalt Patching	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed		
1. ASHLEY ROAD Highland Blvd to End of Street	4/17/2012							N/A								100%
2. DEERPATH COURT Deerpath Ln to End of Street	4/16/2012												N/A			100%
3. DEERPATH LANE Warwick Cir to Worthington Dr	4/16/2012												N/A			100%
4. FIRESTONE COURT Firestone Dr to End of Street	5/17/2012					N/A		N/A					N/A			100%
5. FIRESTONE LANE Firestone Dr to End of Street	5/17/2012							N/A								100%
6. FLAGSTAFF LANE End of Street to Washington Blvd	4/18/2012															100%
7. FORBS AVENUE Hoffman Blvd to Marriott DW	8/14/2012							N/A								95%
8. GLENDALE LANE Washington Blvd to Morton St	6/22/2012															100%
9. HARRISON LANE Victoria Dr to Firestone Dr	5/17/2012			N/A		N/A	N/A	N/A	N/A	N/A			N/A	N/A		100%
10. HUNTINGTON BOULEVARD Algonquin Rd to Freeman Rd	7/16/2012															100%
11. OLIVE STREET Milton Ln to Kingman Rd	4/25/2012							N/A					N/A			100%
12. PRATUM AVENUE Hoffman Blvd to Prairie Stone Pkwy	8/14/2012							N/A								95%
13. THACKER STREET Illinois Blvd to Lincoln St	4/26/2012															100%
14. TRAILSIDE COURT Westbury Dr to End of Street	6/7/2012															100%
¹ Tentative / Actual										Completed		In Progress				
All resurfacing streets to be completed within 30 days of start date																