

AGENDA
PUBLIC HEALTH AND SAFETY COMMITTEE
Village of Hoffman Estates
January 24, 2011

7:30 p.m. Helen Wozniak Council Chambers

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

- I. Roll Call**
- II. Approval of Minutes – December 13, 2010 Committee Meeting**

NEW BUSINESS

1. Request Village Board approval to purchase and proceed with implementation of the Automated Electronic Ticketing System previously approved.
2. Request approval to purchase eight (8) 2011 Ford Crown Victoria Police Package vehicles and one (1) 2011 Ford Expedition Special Fleet Service Package vehicle.
3. Request approval to accept a proposal from Shaw Environmental Infrastructure, Inc. to provide consulting and planning services for the Local Energy Assurance Planning Grant.
4. Request acceptance of Police Department Monthly Report.
5. Request acceptance of Health & Human Services Monthly Report.
6. Request acceptance of Emergency Management Coordinator Monthly Report.
7. Request acceptance of Fire Department Monthly Report.

- 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 HEALTH & SAFETY
COMMITTEE MEETING MINUTES**

December 13, 2010

I. Roll Call

Members in Attendance:

**Anna Newell, Chairperson
Karen Mills, Vice Chairperson
Trustee Jacquelyn Green**

**Other Corporate Authorities
in Attendance:**

**Trustee Cary Collins
Village President William McLeod**

**Management Team Members
in Attendance:**

**Jim Norris, Village Manager
Art Janura, Corporation Counsel
Dan O'Malley, Deputy Village Manager
Mark Koplín, Asst. Vlg. Mgr., Dev. Services
Gary Skoog, Director of Economic Development
Gary Salavitch, Director of Engineering
Patrick Seger, Human Resource Mngmnt Dir.
Robert Gorvett, Fire Chief
Mike Hish, Acting Police Chief
Algean Garner, Director of H&HS
Ken Hari, Director of Public Works
Joe Nebel, Public Works Superintendent
Michael DuCharme, Finance Director
Rachel Musiala, Asst. Director of Finance
Bruce Anderson, Cable TV Coordinator
Gordon Eaken, Director of IS
Ken Koop, Risk Manager
Doug Schultz, Community Relations Coor.
Bev Romanoff, Village Clerk
Josh Edwards, Assistant Planner
Ben Gibbs, GM - Sears Centre Arena
John Janicki, Dir. of Finance – SCA**

Others in Attendance

Reporter from *Daily Herald*

The Public Health & Safety Committee meeting was called to order at 8:15 p.m.

II. Approval of Minutes

Motion by Trustee Pilafas, seconded by Trustee Stanton, to approve the Public Health & Safety Committee meeting minutes of November 22, 2010. Voice vote taken. Trustee Kincaid and Trustee Stanton. Motion carried.

NEW BUSINESS

- 1. Request authorization to award a new two (2) year contract from January 1, 2011 to December 31, 2013 for the Radio & Modem Communications Equipment Maintenance Contract to Chicago Communications LLC., Elmhurst, IL, (Sole Bid), in an amount not to exceed \$1,630.35 per month.**

An item summary from Acting Chief Hish and ASO. Bob Kravetz was presented to the Committee.

Motion by Trustee Mills, seconded by Trustee Pilafas to award a new two (2) year contract from January 1, 2011 to December 31, 2013 for the Radio & Modem Communications Equipment Maintenance Contract to Chicago Communications LLC., Elmhurst, IL, (Sole Bid), in an amount not to exceed \$1,630.35 per month. Voice vote taken. All ayes. Motion carried.

- 2. Request acceptance of Police Department Monthly Report.**

The Police Department Monthly Report was presented to Committee.

Trustee Green stated that she liked the new report format. Trustee Newell stated that there were a lot of nice letters in the report.

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

- 3. Request acceptance of Health & Human Services Monthly Report.**

The Health & Human Services Monthly Report was submitted to the Committee.

Motion by Trustee Green, seconded by Trustee Pilafas to accept the Health & Human Services Monthly Report. Voice vote taken. All ayes. Motion carried.

- 4. Request acceptance of Emergency Management Coordinator Monthly Report.**

The Emergency Management Coordinator Monthly Report was submitted to the Committee.

Motion by Trustee Stanton, seconded by Trustee Pilafas to accept the Emergency Management Coordinator Monthly Report. Voice vote taken. All ayes. Motion carried.

5. Request acceptance of Fire Department Monthly Report.

The Fire Department Monthly Report was submitted to the Committee.

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

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

Motion by Trustee Pilafas, seconded by Trustee Stanton, to adjourn the meeting at 8:19 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Emily Kerous, Director of Operations
Office of the Mayor & the Board

Date

COMMITTEE AGENDA ITEM

VILLAGE OF HOFFMAN ESTATES

SUBJECT: Automated Electronic Ticketing

MEETING DATE: January 24, 2011

COMMITTEE: Public Health and Safety Committee

FROM: Michael E. Hish, Acting Chief of Police

PURPOSE: Request Village Board approval to purchase and proceed with implementation of the Automated Electronic Ticketing System previously approved.

BACKGROUND: Back in October 2008, in an effort to eliminate the inefficient manual entry of local ordinance citations the Village Board approved the purchase of an Automated Electronic Ticketing system from Advanced Public Safety Solutions, Inc. (APS) for \$128,222.98. Unfortunately, due to budgetary constraints the program was put on hold in December 2009.

DISCUSSION: Administrative and operational expenses related to manual data entry continue to escalate as salaries continue to increase. A rudimentary analysis of the administrative and operational costs associated with the manual data entry totals approximately \$117,405 in salary and benefits annually.

It is anticipated that the data from the citations will be automatically downloaded into SunGard Public Sector in lieu of manual data entry. The automated process utilizing the APS system will significantly minimize the financial expenditures, inefficiencies, and errors associated with manual data entry.

The APS system is currently the only system being utilized by the Cook County Circuit Court Clerk.

**PUBLIC HEALTH & SAFETY
AUTOMATED ELECTRONIC TICKETING
PAGE TWO**

BUDGETARY IMPACT:

Cook County recently purchased the enterprise licensing to implement E-ticketing throughout the county, which has substantially reduced the cost of licensing.

The cost for the APS system is now approximately \$75,000 with an additional \$10,000 needed for a SunGard Public Sector customization to facilitate the automatic downloading of information.

The Return on Investment (ROI) with the listed expenditures for Finance and Police Staff hours will pay for the system within 10 months after full implementation.

RECOMMENDATION:

Due to the anticipated benefits of the system, staff believes it is important to move forward with the final purchase and implementation.

Request approval to proceed with the purchase and implementation of the Automated Electronic Ticketing System from Advanced Public Safety, Inc. as a sole source provider in Cook County.

COMMITTEE AGENDA ITEM VILLAGE OF HOFFMAN ESTATES

SUBJECT: ANNUAL PURCHASE OF POLICE VEHICLES

MEETING DATE: JANUARY 24, 2011

COMMITTEE: PUBLIC HEALTH & SAFETY

FROM: MICHAEL HISH, ACTING CHIEF OF POLICE
BOB KRAVETZ, ADMINISTRATIVE SERVICES OFFICER



PURPOSE: To request approval to purchase eight (8) 2011 Ford Crown Victoria Police Package vehicles and one (1) 2011 Ford Expedition Special Fleet Service Package vehicle.

BACKGROUND: In 2010, the Police Department ordered its Ford Expedition from Landmark Ford, Springfield, IL., which was the 2010 contract holder for the State of Illinois Purchasing Program. Crown Victoria vehicles were last ordered in 2010 from the same State of Illinois contract holder.

DISCUSSION: The current contract for the State Purchasing Program is held by Landmark Ford, Springfield, IL in the sale of 2011 Ford Crown Victoria and Expedition models. The Crown Victoria base cost is \$20,668.00 and the Expedition base cost is \$25,621.00. Other costs/credits are as stated below. Other requirements for the police vehicles are included in the base cost.

<u>2011 Crown Victoria – (7) Patrol</u>	
State Purchase Base Price	\$20,668.00
(per specifications)	
Delete Wig-Wag Flashers\$	\$ (65.00)
Delete Cruise Control	\$ (189.00)

Rear Locks Inoperable	\$	22.00	
Delivery (multiple units cost)	\$	185.00	
Power Seats	\$	330.00	
Traction Control	\$	109.00	
Limited Slip Axle	\$	109.00	
Rear Doors Handles Inoperable	\$	22.00	
Black/White paint scheme	\$	770.00	
Sound Off Dome Light	\$	91.00	
Body Side Moldings in White	\$	30.00	
(2) Extra Keys	\$	20.00	
Total Cost Per Vehicle		\$22,102.00	each
		7 (X) = \$154,714.00	

2011 Crown Victoria – (1) Patrol

State Purchase Base Price	\$20,668.00	
(per specifications)		
Delete Wig-Wag Flashers	\$ (65.00)	
Delete Cruise Control	\$ (189.00)	
Rear Locks Inoperable	\$ 22.00	
Delivery (multiple units cost)	\$ 185.00	
Sliding Trunk Tray	\$ 598.00	
Power Seats	\$ 330.00	
Traction Control	\$ 109.00	
Limited Slip Axle	\$ 109.00	
Rear Doors Handles Inoperable	\$ 22.00	
Sound Off Dome Light	\$ 91.00	
Body Side Moldings in White	\$ 30.00	
(2) Extra Keys	\$ 20.00	
Total Cost Per Vehicle	\$22,600.00	each

2011 Ford Expedition – (1) EDA

State Purchase Base Price	\$25,621.00	
(per specifications)		
Ignition Override	\$ 148.00	
(2) Extra Programmable Keys	\$ 90.00	
Trailer Tow Package	\$ 336.00	
Delivery (multiple units cost)	\$ 225.00	
Body Side Moldings in White	\$ N/C	
Total Cost Per Vehicle	\$26,420.00	

FINANCIAL IMPACT:

There is sufficient funds in the 2011 budget to replace eight (8) Crown Victoria(s) and one (1) Expedition. After careful review, giving consideration to mileage and maintenance issues, staff is recommending replacing eight (8) Crown Victoria(s), plus one (1) Expedition.

RECOMMENDATION:

Request authorization to waive bidding and order eight (8) 2011 Ford Crown Victoria police package vehicles in an amount not to exceed \$177,314.00 and one (1) 2011 Ford Expedition in an amount not to exceed \$26,420.00 from Landmark Ford Springfield, IL (State Purchasing Program Contracts).

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request approval to accept a proposal from Shaw Environmental Infrastructure, Inc. to provide consulting and planning services for the Local Energy Assurance Planning Grant

MEETING DATE: January 24, 2011

COMMITTEE: Public Health and Safety

FROM: Ashley Monroe/David Christensen

REQUEST: Request approval to accept a proposal from Shaw Environmental Infrastructure, Inc. to provide consulting and planning services for the Local Energy Assurance Planning Grant.

BACKGROUND: The U.S. Department of Energy awarded the Village \$98,556 for a Local Energy Assurance Planning (LEAP) grant in 2010. The LEAP program grant is intended to strengthen and expand local government energy assurance planning through the development of an energy assurance plan (EAP) and education and outreach for staff and the community. It has been determined that in order to ensure the development of a technically-sound EAP, an industry consultant must be used. As a condition of last year's approval to accept grant funds, staff is required to return to the Village Board with the selected consultant, proposal, and contract to request approval of the selection. Details regarding consultant selection and project outlook are discussed below.

DISCUSSION: The LEAP project task force composed of Village managerial staff met in December 2010 to discuss requirements for the project and consultant competencies prior to the release of a request for proposal (RFP). Several firms had previously contacted Village staff regarding the LEAP grant, and had declared an interest in future requests for proposals. An RFP was submitted to six interested firms in late December and three proposals were received by January 7, 2011 through the Clerk's office. A copy of the RFP is included in the attachments.

As proposed, the Village looks to hire a consultant specializing in energy planning to complete a comprehensive analysis of Village facilities and utilities as well as processes to determine the Village's readiness in the case of an energy disruption. The consultant, working with Village staff would assemble a plan that includes a prioritization of all Village assets. The consultant will also be able to identify potential improvements that the Village could choose to make as funding becomes available.

The Village received proposals from the following consultants:

CONSULTANT	PRICE PROPOSED
Shaw Environmental & Infrastructure, Inc.	"Not to exceed \$54,000"
Witt Associates	"Flat-fee sum of \$64,350"
Syska Hennessy Group	"\$65,380"

Through review of the proposals, staff determined that Shaw Environmental & Infrastructure, Inc. is the best selection for this project. Not only was Shaw's fee the lowest responsible proposal, but they directly addressed each element of Hoffman Estates' required objectives. From completing program objectives, to meeting American Recovery and Reinvestment Act (ARRA) requirements, Shaw will work as a partner and guide in execution of the Village's LEAP project. The Village had previously worked with representatives from Shaw through the 2009-2010 ComEd Energy Challenge. A copy of the selected consultant proposal is included in the attachments.

FISCAL IMPACT:

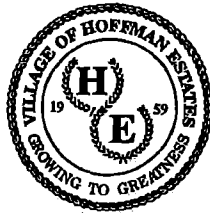
An estimated cost of \$65,000 was allocated to the cost of a consultant. As discussed at the 2010 Board approval, adjustments to this budget would be permitted as the project dictates.

All costs for this project are paid for by the LEAP grant. Village staff time and all materials purchases are reimbursable through the grant funds.

RECOMMENDATION:

Recommend approval to accept a proposal from Shaw Environmental Infrastructure, Inc. to provide consulting and planning services for the Local Energy Assurance Planning Grant.

Attachments.



**Village of Hoffman Estates
Emergency Management Agency**

REQUEST FOR PROPOSAL

**ENERGY ASSURANCE ANALYSIS, ENERGY ASSURANCE PLAN
DEVELOPMENT, AND ENERGY EDUCATION**

LOCATION: Village of Hoffman Estates, IL

BACKGROUND

The Village of Hoffman Estates received American Recover and Reinvestment Act (ARRA) funding from the U.S. Department of Energy (DOE) for the Local Energy Assurance Planning (LEAP) Grant. Therefore, the Village has chosen to develop a strategy that more adequately meets Village needs in periods of energy disruption. This Energy Assurance Plan (EAP) will be developed in connection with the existing plan from the local utility and will also incorporate local business participation in sustainable energy practices. The direct benefits from the development of a plan will be the continuation of municipal and business operations as well as the established coordination between the Village and utilities on a regional local level. In order to develop the plan, the Village plans to use an energy preparedness consultant as a support tool and information resource. A copy of the Project Management and Workforce Development Plans prepared by the Village of Hoffman Estates and the LEAP's Notice of Funding Announcement are attached for information. As a part of the DOE requirements, it is extremely important that all phases of this project stay on schedule.

PROJECT OVERVIEW

The Village desires to hire a consulting firm with experience in energy analysis, preparing required reports and energy plans, and working with appropriate utilities and energy suppliers. Of particular importance is the firm's record of timely and successful completion of projects of similar scope. The Village is soliciting proposals for professional consulting services for federal agreements, energy analysis of current Hoffman Estates facilities, project plan development, project management, and general training of Village employees to accomplish this work. The consultant shall be familiar with ARRA-funded project requirements and procedures, Cook County Illinois, and regional energy supplies to ensure this project meets expected deadlines and stays on schedule. The consultant shall meet or speak with Village staff on a regular basis to ensure project is meeting timeline milestones and project budget.

The Village of Hoffman Estates is a community with a population of 52,520 (2003 special census estimate) and approximately 22.1 square miles. Hoffman Estates is located 25 miles from the Downtown Chicago and 12 from O'Hare International Airport. The primary electric sales company for the Village is Commonwealth Edison (ComEd), and Nicor Gas serves as the gas provider. Several major fuel pipe lines and significant ComEd feeder lines run through the Village. The Village of Hoffman Estates operates 11 primary buildings and approximately 20 support facilities such as lift and pumping stations, salt domes, and garages. St. Alexius Medical Center and Alexian Brothers Behavioral Health facilities are located in Hoffman Estates, along with several major commercial headquarters and 8 hotels. Multiple Hoffman Estates Park District facilities currently offer community emergency meeting spaces.

The consultant shall, through analysis of current Village facilities and procedures develop a program that will, to the extent feasible, maximize the Village's potential to continue operations if traditional energy supply cannot be secured for short or long periods of time.

Information that will be made available to the selected consultant includes existing Emergency Operations Plans, Village building operations information, power usage history, as well as access to utility maps and local energy contacts. It is recommended that the selected consultant be familiar with local utility and emergency operations in Northeast Illinois.

The following describes the tasks anticipated to achieve the scope of services and are not limited to the tasks listed herein to achieve DOE coordination and approval for this project.

SCOPE OF WORK

I. Facilities and Resource Analysis

Perform an on-site and off-site energy preparedness analyses of various Village facilities and buildings located in the Village of Hoffman Estates (e.g. Village Hall, Fire and Police facilities). The analysis may be performed in the method of energy audit with concentration upon the Village's capacity for energy preparedness, or other method prescribed by consultant. The analysis should result in format of a report of findings, including recommendations for short- and long-term energy preparedness solutions. *The purpose of this project is to plan future opportunities and is not intended to initiate purchase of equipment or fund physical improvements.*

II. Development of an Energy Assurance Plan

Prepare a draft Energy Assurance Plan (EAP) that will be finalized by Village staff in conjunction with the consulting team. The EAP must include:

- 1) **Local energy Profile:** work with the Village of Hoffman Estates to develop a summary description of the local energy profile including amount of energy and power used and produced, including fuels and volumes. This includes key information about specific fuels (ie volumes, sources, end-uses, key delivery pathways) as well as pertinent government and industry contacts. This analysis will also include a description of historic trends showing the change in the Village's energy mix overtime as well as major events in the area that have historically caused energy supply disruptions, and actions that have been taken in response and potential for future events;
- 2) A characterization of interdependencies among critical energy infrastructure and vulnerabilities that arise and identify best practices and policies that the Village can take to ensure protection of key critical infrastructure;
- 3) Identify and recommend data sources that help to anticipate and respond to energy disruptions;
- 4) Coordination of governmental entities, organizational relationship and responsibilities and a summary of the Village's role and relationship with Federal, State, regional and local authorities;
- 5) A list of recommended actions and policies that the Village can undertake that will ease the impacts of short-term energy disruptions including steps that Hoffman Estates can take to work with industry to minimize and resolve the impacts of an energy supply disruption.

The Plan may be used as training material for Village staff who will assume responsibilities outlined within the final approved Plan.

III. Other Project Tasks

The selected consultant will observe any exercise resulting from the development of the EAP. After observation, the selected consultant would be responsible for producing a report that recommends improvements to the EAP and policies.

The selected consultant will provide recommendations to define applicable technology and energy assurance planning for the purpose of strengthening energy and building codes.

Village staff will be utilizing the final approved EAP to produce an education program to communicate with local businesses about energy preparedness and efficiency. The consulting team will not be responsible for production of materials, or training, however the consulting team may be sought for advice on developing business relationships, and proven dissemination methods within the energy scope.

IV. Deliverables

Deliverable 1: Assessment Profile: The first key deliverable will be the analysis report of Village and Hoffman Estates facilities. This will be due no later than May 31, 2011.

Deliverable 2: Draft Energy Assurance Plan: The second deliverable will be a draft EAP for the Village of Hoffman Estates, due no later than June 30, 2011. The Village will review the draft and work with the consultant to complete revisions and ultimately, a final draft. This process is anticipated to be complete no later than August 31, 2011.

Deliverable 3: In the interim of EAP development, the consultant will be available periodically for training/education sessions with Village staff regarding the content of the EAP. These sessions will consist of primarily question and answer format, rather than lecture-style presentation. The intent of holding these sessions is to train staff that will be responsible for the continuity of the Energy Assurance programs.

Deliverable 4: Recommendations for potential ordinance and process changes will be due no later than July 31, 2011.

Preliminary Timeline

The following is an estimated timeline for the RFP review, interview, and selection. Once the Village Board approves the award of contract and upon execution of the contract, work can begin. It is the desire of the Village for the selected consultant to perform tasks expeditiously, all in accordance with Village, Federal grant, and ARRA requirements. The proposals will be evaluated based on qualifications, project experience, specific experience of personnel, and cost. Interested firms can download the RFP from the Village website, www.hoffmanestates.org/rfp. The Village has the sole right to evaluate and recommend a consultant to the Village Board for approval based on an evaluation of the proposals as submitted.

Task	Target Completion
Proposals due at 5:00 p.m.	January 7, 2011
Consultant Interviews	January 10-14, 2011
Recommendation to Committee	January 19, 2011
Village Board approval	January 24, 2011/ February 7, 2011

Minimum Consultant Prequalification

At a minimum, it is expected the engineering consultant and / or its subcontractors shall meet and be well-versed in the following categories to be considered for this proposal.

Knowledge of Energy Assurance Planning	Methods of Renewable & Efficient Energy Production
Smart Grid Operations	General Emergency Operations Procedures
Smart Grid Operations	Feasibility Studies
Energy Source Connections	

Required Information

The selected consultant should have experience with the following:

- 1) Process of energy analysis, including amount of energy and power used and produced at facilities, including fuels and volumes, and observation of energy sources, end-uses, and key delivery pathways.
- 2) Principles of Smart Grid Energy, including operational and informational network infrastructures, their physical and cyber vulnerabilities, and an understanding of how smart grid technology may be integrated into the EAP. The understanding of Smart Grid should extend to the ability to train Village staff in these principles.
- 3) Development of an energy assurance or related plan that prioritizes use and supply of energy at a municipal, regional, or state scale.
- 4) General knowledge of funding opportunities or information resources available to assist with projects which may be initiated in the future based upon recommendations made during this EAP process.
- 5) Reducing overall energy consumption by municipal government with increased green technology and employee awareness.

The proposal should provide detailed sections on how the consultant will meet or exceed the requirements of this RFP and any other conditions that will be required by ARRA. Each of these tasks should clearly state the duties to be performed by the consultant, what information / service / product is assumed by the consultant to be provided by the Village, and an estimate of time to complete the task. The proposal shall provide sufficient information to demonstrate your company's qualifications and readiness to perform this work. A list of staff to be assigned to the project, listing title and number of hours for each task of the work shall be included. A detailed "cost not to exceed" breakdown shall be included showing hours and costs for labor and direct expenses per task including right of way. Also identify and provide qualifications for subcontractors, if any, you propose to use on this project.

Additionally, the following information will be required with each proposal to assist in the evaluation process:

1. The names and resumes of key staff that would be assigned to provide the required services. The key staff members must be familiar with the appropriate methods used in energy analysis and energy assurance planning.
2. A list of projects of a similar nature currently or previously performed by the consultant and a list of references or contact people on all submitted projects.
3. A cost breakdown for each of the listed deliverables that provides an estimate of the total number of staff hours, hourly personnel cost and total cost for this project.
4. Any other information that the consultant deems necessary to assist the Village in determining the best consultant for this project.

Village of Hoffman Estates
December 10, 2010

Energy Assurance Planning & Analysis
Request for Proposal

If interested, please submit two copies of your proposal by the closing deadline to:

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

Proposals must be received at Village Hall by 5:00 p.m. on January 7, 2011.

A PDF version of this RFP package may be obtained on the Village website at:
www.hoffmanestates.org

Refer any questions regarding this RFP to:

Mr. David Christensen
Emergency Management Coordinator
411. W. Higgins Road
Hoffman Estates, IL 60169
847-843-4839
david.christensen@hoffmanestates.org

Attachments
Project Management Plan
Workforce Development Plan
LEAP Grant Notice of Funding Availability

WORKFORCE DEVELOPMENT PLAN

Village of Hoffman Estates Local Energy Assurance Plan Project

May 14, 2010

WORK PERFORMED UNDER AGREEMENT

DE-OE0000365

SUBMITTED BY

Village of Hoffman Estates

1900 Hassell Road

Hoffman Estates, IL 60169

PRINCIPAL INVESTIGATOR

David Christensen

847-843-4839

847-781-2624

david.christensen@hoffmanestates.org

Contributing: Ashley Monroe

847-781-2669

847-781-2679

ashley.monroe@hoffmanestates.org

SUBMITTED TO

U. S. Department of Energy

National Energy Technology Laboratory

Ryan Watson

Submitted through: <https://www.eere-pmc.energy.gov/SubmitReports.aspx>

EXECUTIVE SUMMARY

Provide a description of the project that includes the objective, project goals and expected results.

Village of Hoffman Estates

Local Energy Assurance Planning (LEAP) Initiative Project Summary

Project Director: David Christensen, Emergency Management Coordinator

Project Title: Hoffman Estates Energy Assurance Planning Program

Project Objectives:

- 1) Conduct a thorough inventory of all Village owned/controlled facilities power requirements (including fire houses, police station, village hall, public works buildings, lift stations, water towers, and communications hubs) to ensure adequate power redundancy and capabilities to fully support essential village functions.
- 2) Create an energy contingency plan (*energy assurance plan*) which will include an energy emergency management system and communications plan consistent with existing state and federal energy emergency response plans, identify critical energy needs for operation of essential public services during an energy supply disruption, include situation monitoring and information exchange and a menu of energy conservation strategies with options to reduce demand for petroleum, natural gas, or electricity.
- 3) Work with the local utilities, promote and encourage smart grid practices and legislation.
- 4) Conduct community and business education in the benefits of a modern grid. The village will promote and encourage more effective scrutiny and control of energy consumption to reduce overall electricity use/costs, participation in future electricity markets for demand response, spinning reserve, energy, etc, and encourage future value added services that may be enabled by a modern grid.
- 5) Provide an expedited code conformance process for new and established businesses wishing to install auxiliary and backup power sources.
- 6) Generate a village government continuity of operations plan segment to enhance the Emergency Operations Plan.

Project Description and Methods: All Village facilities are believed to be able of continuing to operate at full capability for a limited period of time without assistance during an energy disruption however sustainability and efficiency remain in question. Therefore, the Village has chosen to develop a strategy that more adequately meets Village needs in time of energy disruption. This plan will be developed in connection with the existing plan from the local utility and will also incorporate local business participation in sustainable energy practices. The direct benefits from the development of a plan will be the continuation of municipal and business operations as well as the established coordination between the Village and utilities on a regional local level. In order to develop the plan, the Village plans to use an energy preparedness consultant as a support tool and information resource.

Project Participants: Village of Hoffman Estates, Commonwealth Edison, to-be-determined consultant, and Hoffman Estates businesses.

1. JOB CREATION/RETENTION

Provide description of approach to job creation/retention during the Energy Assurance planning project period. Indicate whether job impact will come via hire of consultant or through use of internal resources. Include estimated percentage of time to be performed for each specific task.

This project will consist of hiring a consultant from outside the Village to perform analysis of Village facilities and educate and guide Village staff on energy technology and energy emergency operations. The consultant will be full or part time for the length of their contract and fully paid with a portion of the grant (estimated \$65,000).

Village staff will be paid by a portion of the grant as well (estimated \$18,000 including fringe benefits). This staff time will cover a portion of salary and benefits for staff assigned to the project and pay for approximately 460 hours of staff time over the next two years. The average salary plus benefits amount will be used as the reimbursement figure because Director and non-director staff will be working on this project. The primary focus will be upon creation of the energy assurance plan. The percent of time spent on each facet of the project may vary from actual if unforeseen issues should arise. The estimated breakdown of time spent and the person performing it is as shown below.

Task	Percentage of Time (estimated)	Person/s Performing Activity
Analysis of Village and community facilities/power sources	20%	Consultant
Creating a Plan based upon results	80%	Village Staff & Consultant combined
Training/educating staff	10%	Consultant training /Village Staff as participants
Training/educating local businesses	10%	Village Staff

2. TRAINING

Provide a description of anticipated training opportunities and targeted participants.

The temporary part-time consultant will be working with Village staff and will be guiding them not only through the results of the energy assurance analysis, but also in the creation and methods for deriving an energy assurance plan, prioritization of assets, and educating them about new technologies. This training of staff will be utilized in exposing local businesses to available emergency energy technology, energy efficiency best practices, and renewable energy sources. Village staff plans to hold at least one forum or meeting to educate local business owners. Additional efforts will be made to work with local business agencies, such as the Chamber of Commerce. A booklet with information will be distributed to Hoffman Estates businesses with information about how they can be better prepared in an energy emergency.

DRAFT

CONSULTANT AND PLANNING SERVICES AGREEMENT FOR LOCAL ENERGY ASSURANCE PLANNING GRANT

THIS AGREEMENT is made and entered into this _____ day of _____, 2011 between the VILLAGE OF HOFFMAN ESTATES (hereinafter referred to as "VILLAGE" and Shaw Environmental Infrastructure, Inc., located at 444 North Wells Street, Suite 602, Chicago, IL (hereinafter referred to as "CONSULTANT"). The Agreement covers certain professional services for development of an Energy Assurance Plan (hereinafter referred to as "EAP") and associated project activities during the time period covered by the Local Energy Assurance Planning (hereinafter referred to as "LEAP") grant.

SECTION 1 - PROJECT DESCRIPTION

The consultant shall conduct work as outlined in the Consultant's proposal included as Exhibit A.

SECTION 2 - SERVICES OF CONSULTANT

- 2.0 The Consultant Agrees:
- 2.1 To perform or be responsible for the performance of services in accordance with the Consultant's proposal and attached as Exhibit A, dated January 7, 2011.
- 2.2 Services shall include all equipment, instruments, supplies, transportation and personnel required to perform the duties of the Consultant and the subconsultants in connection with this Agreement. Further, the Consultant represents that they employ or will employ at their own expense (as subconsultants) all personnel required in performing the services under this Agreement. All services required hereunder, and as specified in Exhibit A, will be performed by the Consultant or under their direct supervision, and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under State and local law to perform such services.
- 2.3 None of the services to be furnished by the Consultant shall be sublet, assigned or transferred to any other party or parties without the written consent of the Village in advance of the start of work by the outside party. The consent to sublet, assign or otherwise transfer any portion of the services to be furnished by the Consultant shall not be construed to relieve the Consultant of any responsibility.
- 2.4 The Consultant shall be responsible for the accuracy of the work and correction of significant omissions or ambiguities which may occur either during execution of the work or after acceptance by the Village. The Consultant shall not charge the Village for time spent in correcting or mitigating the error or omission.
- 2.5 *The Consultant shall provide to the Village evidence that the Consultant has the following types of insurance in no less than the following amounts:*

- ◆ Professional Liability: \$1,000,000.00
- ◆ Comprehensive General Liability: \$2,000,000.00 (each occurrence)

The Consultant shall cause the Village of Hoffman Estates to be named as additional insureds in the Consultant's comprehensive general liability policy. The insurance policies shall not be cancelled, permitted to expire or changed without thirty (30) days written notice to the Village. The certificate of insurance must clearly state this cancellation provision.

- 2.6 The Consultant shall protect, defend, hold harmless and indemnify the Village, and their respective successors, assigns, directors, officers, employees and agents from and against all claims, actions, liabilities, damages, losses, costs and expenses arising out of any negligent acts, errors and omissions by the Consultant and/or its employees, agents, subconsultants or any other person acting directly or indirectly through or under the Consultant in connection with this Agreement.

SECTION 3 - RESPONSIBILITIES OF THE VILLAGE OF HOFFMAN ESTATES

- 3.0 The Village of Hoffman Estates agrees to a) meet with the consultant at the start of the project, b) provide or cause to be provided, background information, planting plans and specifications, c) attend project meetings, and d) review work products in a manner that meets the mutually agreed upon schedule.

SECTION 4 - ADMINISTRATION

- 4.0 This section shall set out the amount of payment for the defined Consultant services, the method of payment and the procedures for changes to the scope of work.

4.1 Amount of Payment.

The Consultant agrees to perform the services outlined in Exhibit A for a total amount not to exceed \$54,000.00 as set forth in the Consultant's proposal. These rates shall not be increased during the term of this Agreement unless expressly approved in writing in advance by the Village.

4.2 Method of Payment.

The Consultant shall submit invoices quarterly throughout the term of the contract and a final invoice at the end of the term of the contract. Payment will normally occur within thirty-five (35) days of the date of the invoice unless other arrangements have been previously made.

4.3 Changes to Scope of Work.

- a. The Village and the Consultant may, from time to time, require changes in the scope of the services and the time of performance as set forth herein. Such changes, including any increase or decrease in the amount of the compensation of the Consultant which are mutually agreed upon between the parties hereto, shall be incorporated as written amendments to this Agreement.

- b. Work elements can be changed by the Village and substituted for other work elements of equal costs, or at an agreed upon additional cost.
- c. Except as otherwise provided herein, no payment for extras shall be made unless and until such extras and the price of such extras have been authorized in writing by the Village prior to the work proceeding.

SECTION 5 - MUTUAL OBLIGATIONS

5.0 It is Mutually Agreed:

The Village and the Consultant will abide by all applicable standards and requirements of the American Recovery and Reinvestment Act (ARRA), including the Agreement Terms and Conditions of Grant DE0000365 attached as Appendix B, as well as the Federal Financial Assistance Regulations known as 10CFR600.

5.1 Time of Performance.

The services of the Consultant are to commence on or about February 28, 2011 and shall be undertaken and completed in such a sequence as to assure their timely completion. The services should be completed no later than November 30, 2011. Target deliverables must be performed within the following deadlines:

- Analysis report of the Village and Hoffman Estates facilities needs to be completed no later than May 31, 2011.
- The draft EAP needs to be completed no later than June 30, 2011.
- Recommendations for potential ordinance and process changes needs to be completed by July 31, 2011.
- Final EAP needs to be completed no later than August 31, 2011 to assure presentation to the Village Board and adequate time to initiate any work determined by the completion of the approved EAP.
- Within the fall quarter of 2011, the Consultant is to observe and report on the exercise of the EAP, necessary after the final EAP is approved, to be completed by November 30, 2011.

5.2 Termination.

This Agreement may be terminated by the Village upon written notice to the Consultant within twenty (20) days at the last known post office address with the understanding that should the Agreement be terminated by the Village, the Consultant shall be paid for any services completed and any services partially completed.

5.3 Confidential Information.

The Consultant acknowledges that a confidential relationship has been established between the Village and the Consultant by this Agreement and that the Village may communicate to the Consultant certain confidential information to enable him to render

the services required herein. The Consultant agrees:

- a. To treat and to obligate its consultants, subconsultants and employees, if any, to consider and treat all information as secret and confidential.
- b. Not to disclose or issue any information or make available any reports, recommendations and/or conclusions in connection with this project, which the Consultant may make to the Village, or any drawings to any person, firm or corporation or use any such information in any manner whatsoever without first obtaining the Village's prior written approval. The Village shall have complete control over all publicity and promotional use of any and all materials, information, concepts, and other matters that pertain to the project, and no such use shall be made by the Consultant without the Village's written consent.

5.4 Rights To and Disposition of Data.

The term "subject data", as used herein, includes all data, written materials, photographs, drawings or other information collected or created under this Agreement, whether delivered under this Agreement or not. The term does not include financial records, accounting records or other information incidental to the administration of this Agreement. Subject data shall be available for study and utilization by the Village so long as such subject data is in the possession of the Consultant. The Consultant shall give a sixty (60) day notice to the Village of their intent to dispose of such information and provide the Village the opportunity to acquire the original data at no cost to the Village. All data is the property of the Village and its use shall be at the discretion of the Village. The Village may duplicate, use and disclose in any manner and for any purpose whatsoever all subject data.

5.5 Publications.

It is agreed that either or both of the parties hereto may publish at any time, subject to the terms of this Agreement, the results of the work conducted hereunder, provided credit is given to the individuals and organizations who conducted and sponsored the work, subject to the written approval of the Village. A copy of each manuscript to be submitted for publication by either of the parties hereto shall be furnished to the other party prior to such submission for publication. The final copy of the published work shall also be submitted to the other party. Articles or works reporting on the subject work hereunder, or portions thereof, which are published by the Consultant shall contain in the forward, preface or footnote, a statement to the effect that publication of the article or work does not necessarily indicate acceptance by the Village of the findings, conclusions or recommendations either inferred or specifically expressed herein. All publications produced in regard to this project, which utilizes Federal funds, must note that the project is funded by grant DE-0000365, and must adhere to the LEAP Agreement Terms and Conditions, attached as Appendix B.

5.6 Copyrights/Licenses.

No reports, maps or other documents produced in whole or in part under this Agreement

shall be the subject of an application for copyright by or on behalf of the Consultant.

5.7 Nondiscrimination in Employment.

In the performance of the work authorized under this Agreement, the Consultant shall not discriminate against any worker because of race, creed, color, sex, age or national origin.

5.8 Insurance and Mutual Assistance.

The Consultant shall carry insurance to protect the Consultant from claims under workmen's compensation acts, from claims or damages caused by bodily injury, including death, to employees and the public and from claims for property damage. If any claim related to the performance hereunder be asserted against either party hereto, the party claimed against shall receive all reasonable assistance from the other.

5.9 Subletting or Assignment.

The Consultant shall not assign, sublet or transfer the Consultant's interest in this Agreement, or any portion thereof, without the prior written consent of the other party.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be signed by their proper officers on the day and year first written above.

VILLAGE OF HOFFMAN ESTATES

SHAW ENVIRONMENTAL
INFRASTRUCTURE, INC.

By: _____
James H. Norris

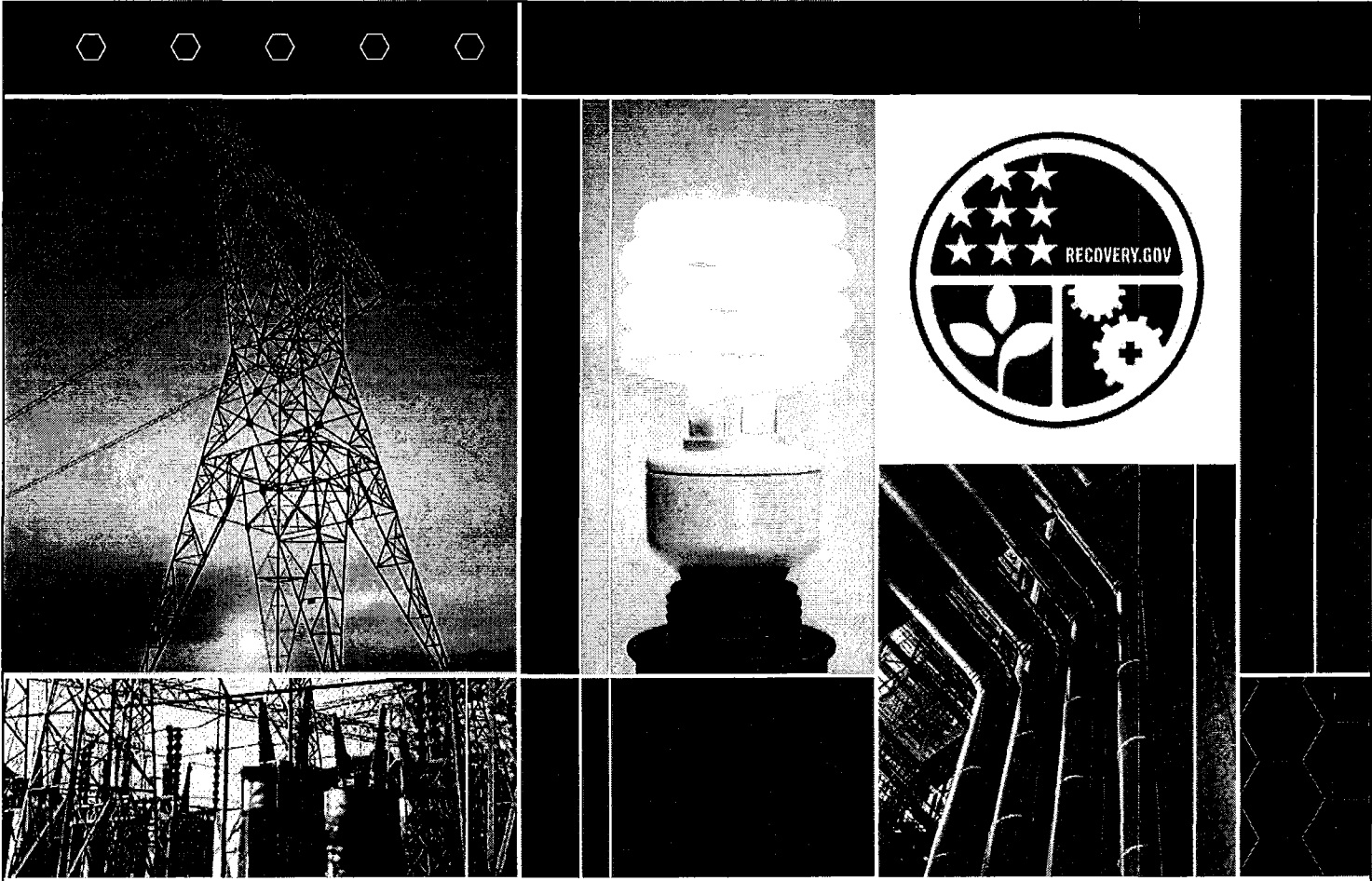
By: _____

Title: Village Manager

Title: _____

Date: _____

Date: _____



REQUEST FOR PROPOSALS

Village of Hoffman Estates

Energy Assurance Analysis, Energy Assurance Plan Development,
and Energy Education

January 7, 2011

Submitted to:
Village Clerk
Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, Illinois 60169

Submitted by:
Shaw Environmental & Infrastructure, Inc.
444 North Wells Street, Suite 602
Chicago, IL 60654



Shaw® Shaw Environmental & Infrastructure, Inc.

A World of **Solutions**™

January 7, 2010

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

RE: Village of Hoffman Estates – Energy Assurance Analysis, Energy Assurance Plan Development, and Energy Education Proposal

Dear Sir or Madame:

Based on a careful review of the Village of Hoffman Estates' Request for Proposal issued December 10th, 2010 for Energy Assurance Analysis, Energy Assurance Plan Development, and Energy Education (RFP) Shaw is pleased to provide this response for consulting services.

Upon selection to perform these services, Shaw will deploy a highly qualified team of energy and sustainability professionals based in Chicago at our National Center of Excellence in Energy to assist the Village in the energy analysis of municipal facilities, development of an Energy Assurance Plan (EAP), and energy education. This team includes experts in utility and municipal emergency preparedness, response to energy disruption, building and facility energy efficiency, and American Recovery and Reinvestment Act of 2009 (ARRA) energy program design and project management. It is this team and experience coupled with our commitment to responsive high-quality service that makes us proud to submit this proposal for your evaluation.

As the leader of Shaw's Energy, Sustainability, and Carbon Solutions national practice, which is responsible for much of the local government sustainability planning work done by Shaw, I will serve as Project Director for the work described in this proposal. We appreciate the opportunity to be considered for this important program and look forward to hearing from you.

Sincerely,

Bill Abolt
District Manager

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Attachment A - Resumes

USE OR DISCLOSURE OF DATA CONTAINED ON THIS SHEET IS SUBJECT TO THE RESTRICTION ON THE TITLE PAGE OF THIS PROPOSAL. 02C0920108

This proposal is contingent upon the negotiation of mutually agreeable terms and conditions.

Acronym List

ARRA	American Recovery and Reinvestment Act of 2009
CEC	Community Energy Challenge
CEM	Certified Energy Manager
OEMC	Chicago Office of Emergency Management
EAP	Energy Assurance Plan
ECRM	Energy Cost Reduction Measures
EECBG	Energy Efficiency and Conservation Block Grant
EECM	Energy Efficiency and Conservation Measure
EECS	Energy Efficiency and Conservation Strategy
GHG	Greenhouse Gases
ICC	International Code Council
ICMA	International City/County Management Association
IECC	International Energy Conservation Code
LEED	Leadership in Energy and Environmental Design
NASEO	National Association of State Energy Officials
PE	Professional Engineer
ROI	Return on Investment
SEP	State Energy Program
TAT	Technical Assistance Team
TDCA	Texas Department of Housing & Community Affairs

1.0 BACKGROUND

The Shaw Group Inc. is a Fortune 500 company, an internationally recognized leader in power and one of the nation's most respected engineering contractors. Founded in 1987, the company has evolved into an industry leading engineering, construction, fabrication, environmental and industrial services organization. Driven by bold vision and a strong entrepreneurial spirit, The Shaw Group Inc. has evolved over 20 years from a three man operation into an industry leading publicly traded (NYSE: SHAW) company.

Throughout our rapid growth, our core values have remained constant - honesty in decision making, personal responsibility and accountability, and leadership by example with a strong emphasis on safety. The quality of our services and ability to provide innovative solutions to our clients has fueled our expansion and resulted in The Shaw Group Inc. receiving numerous awards from highly respected industry organizations.

As the #1 ranked design firm in power and #8 ranked contractor for the federal government by

Engineering News Record, The Shaw Group Inc. has proven its commitment to the design, delivery, and conservation of energy for more than 60 years. By aggregating in-house resources and expertise, Shaw has amassed a level of experience that broadly spans the entire building science and energy management industries. Coupling this experience with concentrated technical knowledge has led to a very successful track record.

Shaw Environmental & Infrastructure (Shaw), a wholly owned subsidiary of the Shaw Group Inc., is a global provider of comprehensive services and innovation solutions to complex energy and sustainability programs. Shaw offers comprehensive services in a variety of markets and industries for private sector clients, as well as federal, state, and local governments. Our integrated financial, regulatory, scientific, engineering, design, construction, and program management services are targeted to provide our clients with safe and sustainable solutions.

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VILLAGE OF HOFFMAN ESTATES - ENERGY ASSURANCE ANALYSIS, ENERGY ASSURANCE PLAN DEVELOPMENT, AND ENERGY EDUCATION

Rank	Category
1	Power
2	Transportation
3	Water/Wastewater
4	Industrial/Process
5	Oil/Gas/Refining
6	Marine & Port Facilities
7	Construction
8	Manufacturing
9	Telecommunications
10	Hazardous Waste

Apr 2009 Issue *July 2009 Sourcebook Issue

Rank	Category
2	Water
3	Industrial/Process
4	O&M
5	Contractors by New Contracts
6	Construction
7	Power
8	Industrial/Process
9	Domestic Heavy Contracts
17	Domestic Heavy Contracts
21	Contractors Working Abroad

May 2009 Issue *Sept 2008 Sourcebook Issue

Rank	Category
3	Hazardous Waste
6	Construction
8	Construction Remediation
11	Contracts Awarded in 09

August 2009 Issue

Rank	Category
14	Combined Revenue

June 2009 Issue

The Shaw Group Inc.
A Fortune 500 Company
357 Overall

Exhibit 1 - Shaw Engineering-News Record 2009 Rankings

Whether it is meeting the growing demand for energy and infrastructure solutions or environmental cleanup initiatives and emergency management, Shaw continues to help clients achieve regulatory compliance, increase productivity, decrease energy usage and keep pace with shifting business priorities.

Company Personnel

With almost 6,000 technical and professionals in our business segment, we serve the needs of clients in the public and private sectors worldwide. Shaw has been bringing energy efficiency, conservation, and emergency management solutions to clients for decades and has helped many municipalities develop energy efficiency and conservation programs, audit facilities, commission buildings implement energy efficiency and conservation measures, and develop energy assurance plans.

Proven Technical Capabilities

Shaw recently established a **National Center of Excellence in Energy**, based in Chicago, to support our nation's energy challenges and align our demonstrated technical experience across a variety of market sectors. Through our Center of Excellence we have the ability to support all aspects of energy efficiency, sustainability and carbon management programs and projects.

Shaw works with a variety of federal, state and local government entities to manage programs and projects on a national level and provide key program services such as energy audits, renewable energy assessments, metering assessment, energy assurance planning, and energy program design, implementation and management. Shaw offers a set of integrated services that help clients "operationalize" energy efficiency and sustainability concepts into practical applications.

Shaw's teams of professional engineers (PE), architects, planners, certified energy managers (CEM) and Leadership in Energy and Environmental Design Accredited Professionals

(LEED AP) offer energy efficiency identification, design and development services with a significant focus on energy and sustainability.

Experience and Qualifications

Leveraging our proven engineering and program management systems, we offer the Village of Hoffman Estates a comprehensive solution to the development of an Energy Assurance Plan (EAP) using national best practices and a strategy that more adequately meets the Village's needs in periods of energy disruption.

We are accomplished project managers with unparalleled expertise in energy efficiency and sustainability with key experts in the area of municipal and utility energy emergency preparedness and response. Shaw can assist the Village of Hoffman Estates in the energy analysis of current Hoffman Estates facilities, project plan development, project management and general training of Village employees.

We have a strong track record of developing and implementing successful sustainability and energy efficiency strategies at the municipal and county level, including evaluating energy reduction opportunities in the municipal, residential, commercial, industrial and institutional sectors. We are particularly experienced in working with local governments to understand energy use in operations and identify opportunities for energy reduction.

Shaw is the leading provider of American Recovery and Reinvestment Act of 2009 (ARRA) energy program design and implementation services to state and local governments.

Currently, Shaw is managing approximately \$300 million of ARRA energy dollars. This is the largest existing portfolio of these types of projects in the United States. ARRA requires the rapid development and deployment of energy efficiency and renewable energy strategies and imposes unprecedented transparency requirements

on grantees and sub-grantees. Shaw's ARRA experience includes developing Energy Efficiency and Conservation Block Grant (EECBG) strategies for cities and Native American Tribes in Florida, Georgia, Oregon, and Louisiana and designing and implementing the EECBG and State Energy Programs (SEP) for the states of Illinois, Louisiana, and Missouri.

Shaw understands the level of transparency and reporting required under ARRA, including justification of each investment, timely detailed reporting to oversight committees on project status,

jobs created, funding obligations, and cost-benefit analyses.

As a leading contractor for the federal government, Shaw understands the existing tracking mechanisms that will be used to monitor progress and use of ARRA funds. Our delivery of engineering and planning solutions establishes a foundation for project execution, program compliance, and a collaborative environment that promotes success.

USE OR DISCLOSURE OF DATA CONTAINED ON THIS SHEET IS SUBJECT TO THE RESTRICTION ON THE TITLE PAGE OF THIS PROPOSAL. 02C092010B

VILLAGE OF HOFFMAN ESTATES - ENERGY ASSURANCE ANALYSIS, ENERGY ASSURANCE PLAN DEVELOPMENT, AND ENERGY EDUCATION

USE OR DISCLOSURE OF DATA CONTAINED ON THIS SHEET IS SUBJECT TO THE RESTRICTION ON THE TITLE PAGE OF THIS PROPOSAL. 02C092010B

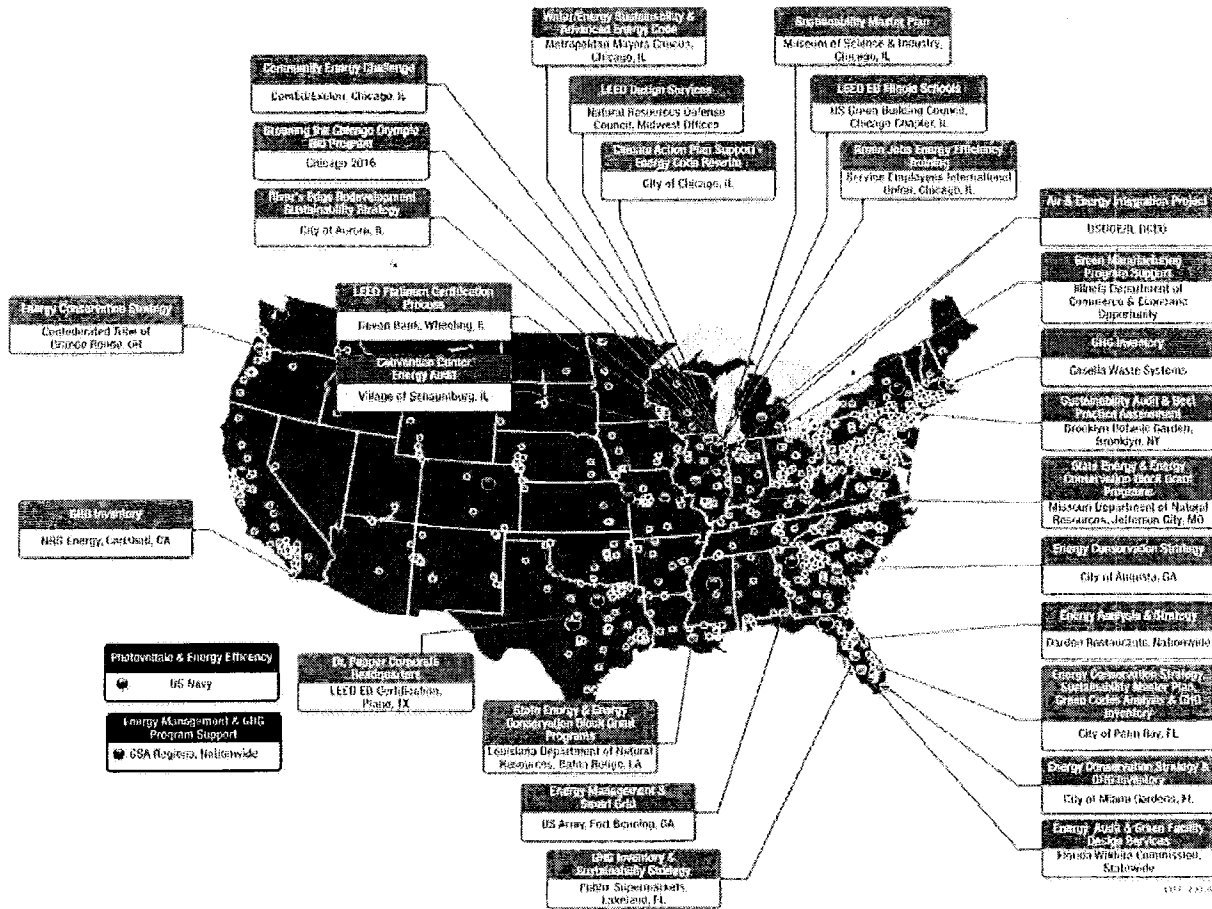


Exhibit 2 - Recent Energy and Sustainability Projects

TEAM ORGANIZATION AND QUALIFICATIONS

Team Organization

Shaw has assembled a highly qualified team of energy and sustainability professionals based in Chicago at our National Center of Excellence in Energy to assist the Village in the energy analysis of municipal facilities, development of an Energy Assurance Plan (EAP), and energy education. This team has performed dozens of audits on buildings, energy models, numerous metering assessments, and are experts in utility and municipal emergency preparedness and response to energy disruptions.

Our management team provides clear lines of authority, accountability, and accessibility. Bill Abolt, Great Lakes District Manager and Director of Shaw's Energy, Sustainability, and Carbon Solutions National Practice, will serve as Project Director. Mr. Abolt is a pioneer in the development of guidelines for municipalities to use in preparing for and coping with disruptions to critical infrastructure.

While serving as Commissioner of the Chicago Department of Environment, Mr. Abolt directed a collaborative effort to develop guidelines for dealing with electric and natural gas utility disruptions. Participants involved in these initial plans included the City of Chicago, suburban communities from the region, the U.S. Department of Energy, Commonwealth Edison (ComEd), Peoples Energy, and Nicor. Much of the information in these initial plans has served as model language for municipalities nationwide in preparing energy emergency and assurance plans. These plans are also referenced and included in the most recent Public Technology Institute's (PTI) Local Government Energy Assurance Guidelines.

The scope of work will be performed under the direction of the Project Manager, William S. Haas. Mr. Haas will serve as the Village's primary point of contact and will direct all project activities. Mr. Haas is an experienced project manager who has focused his entire career on the energy and

sustainability fields. Moreover, Mr. Haas is a national expert in ARRA grant management and implementation serving as a technical expert for over \$300 million in ARRA funded projects.

Antonia Ornelas, an electrical engineer with over twenty years experience in the energy sector, will serve as the technical lead for the project. Ms. Ornelas is a former ComEd and City of Chicago employee where she was responsible for planning and responding to emergencies related to gas and electric utility disruptions. As part of her responsibilities she updated the annual City of Chicago Response Plan for Electrical Power Emergencies and participated in table-top exercises, testified at City Council meetings on energy readiness, and regularly interfaced with the local gas and electric utilities, the Chicago Office of Emergency Management (OEMC) and various internal and external departments. Ms. Ornelas also participated in the recent ICC mandated Illinois Statewide Smart Grid Collaborative and worked closely with stakeholders and ComEd to select an area in the City of Chicago for an Advanced Metering Infrastructure (AMI) pilot which resulted in 30,000 smart meters in the Chicago Humboldt Park area.

In addition to Mr. Abolt, Mr. Haas, and Ms. Ornelas the Village of Hoffman Estates will be supported by a team of Professional Engineers (PE), Certified Energy Managers (CEM) and Leadership in Energy and Environmental Design accredited professionals (LEED AP). Resumes for all key personnel are provided in Attachment B. Finally, this project will also be supported by the resources of the Shaw Group, with over 28,000 employees nationwide.

3.0

SCOPE OF WORK

Shaw proposes to support the Village of Hoffman Estates with key staff experienced in municipal energy assurance and emergency response planning and sustainable energy practices. The proposed scope of work includes performing an Energy Assurance Analysis, Energy Assurance Plan (EAP) Development, and Energy Education.

The Shaw team will begin by working with the Village to perform an energy assurance analysis of select Village facilities and buildings and will provide the Village with findings and recommendations for short and long term energy preparedness solutions, including participation in ComEd's Demand Response Program, energy efficiency and alternative renewable energy options. Concurrently, the Shaw team will work with the Village to develop an EAP that is consistent with federal energy assurance guidelines and uses national best practices, including the US Department of Energy's Local-Level Energy Assurance Framework based on guidance contained in the Public Technology Institute's Local Government Energy Assurance Guidelines. In addition, Shaw proposes to provide a Smart Grid applications overview for local governments to key Village staff that will aid in the Village's EAP. Shaw's team has experience with table top and emergency response exercises and will assist the Village in framing and observing any exercise resulting from the development of the EAP to provide improvement recommendations to the EAP and policies.

In developing the EAP, Shaw proposes to use the US Department of Energy's Local-Level Energy Assurance Framework. The Framework consists of the following ten key steps that will be included in the analysis and development of an energy assurance plan for the Village:

1. Build an Energy Assurance Response and Planning Team:
 - a. Designate an Energy Assurance Coordinator
 - b. Establish a Local Energy Assurance Working Group or Task Force
 - c. Build Personnel Redundancy Into the Planning Framework
2. Know Your Emergency Legal Authorities: Understand the Legal Frameworks under Which Your Planning/Response Efforts Will Operate
3. Understand Your Roles and Responsibilities: Know Which Key Organizations are Responsible for Responding to an Energy Disruption
4. Know Your Energy Profile: Understand the Relationship of Your Jurisdiction's Electricity, Petroleum, and Natural Gas Markets to State and Regional Markets
5. Identify Key Energy Suppliers: Understand the Suppliers, Contracts, and Infrastructure Serving Your Jurisdiction's Electricity, Petroleum, and Natural Gas Needs
6. Know Your Key Contacts: Develop/Maintain a List Including Your Jurisdiction's Key Energy Sector, Service Provider, Emergency Management, and Public Official Contacts
7. Identify Key Assets:
 - a. Identify the Facilities/Infrastructure Providing Critical Local Services
 - b. Develop an Understanding of Existing Public and Private Sector Response Plans to Determine Which Key Assets are Most Vulnerable to an Energy Disruption or Emergency
8. Develop a Crisis Communications Protocol: Be Ready to Talk to Your Partners, the Public, and the Media
9. Develop State/Regional/Federal Partnerships for Energy Assurance: Coordinate Planning and Response Efforts with Other Public Authorities to Utilize Additional Resources and Expertise Effectively

10. Update Your Plan on a Consistent Basis:
Reexamine Central Plan Components
Regularly in Light of New Data and Lessons
Learned

Shaw will use national best practices and a tailored approach to the Village's existing emergency response plan that incorporates the four stages of an energy emergency to the EAP as defined by the National Association of State Energy Officials (NASEO), Phase I – Monitor and Alert, Phase II – Assess and Determine Action, Phase III – Actions and Feedback and Phase IV – Review Lessons learned.

Within one week of contract execution, Shaw will conduct a project kick-off meeting with the Village's dedicated project manager and any other appropriate Village personnel. During the project kick-off meeting Shaw will introduce project team members and describe their roles in the project. In addition, this meeting provides an opportunity for Shaw to confirm the Village's project objectives, project schedule, and to brief participants on our proposed project approach. We also plan to identify tools (e.g., regularly scheduled meetings, conference calls, SharePoint websites) to facilitate communication and coordination between Shaw and the Village and also obtain or identify information and data needed for the successful project completion. Finally, Shaw will work with the Village to identify constraints or obstacles that the Village believes may affect program design or implementation.

I. Facilities and Resource Analysis

Shaw will identify key assets including the facilities and infrastructure that provide services essential to maintaining local public health, wellbeing, and economic vitality or those which, if lost, could significantly harm health, wellbeing, or the local/regional economy. These assets may include police stations, fire stations, 911 call

centers, hospitals, telecommunications routing centers, and a wide range of other facilities/infrastructure, as determined by the Village.

Shaw will work with the Village to perform on-site and off-site energy preparedness analysis of selected Village facilities and buildings located in the Village (e.g., Village Hall, Fire and Police facilities). The analysis will be performed in the method of an energy and reliability audit with concentration upon the Village's capacity for energy preparedness and will include a "Generator Identification Program" with the location of all known generators and the specific fuel needed to power them, including a schedule and checklist for exercising back-up generators.

Shaw will use existing Emergency Operations Plans, Village building operations information, power usage history, utility maps and local energy contacts in performing the analysis.

The analysis will result in the format of a report of findings and recommendations and will include an updated list of critical facilities and infrastructure interdependencies, generator location and fuel type, estimated energy demand reduction options for each facility and recommendations for short- and long-term energy preparedness solutions including recommendations regarding the Village's load management during peak electric periods, participation in ComEd's Demand Response Program, and energy efficiency and alternative renewable energy options.

II. Development of an Energy Assurance Plan

Shaw will prepare a draft EAP that will provide emergency response guidance at the local level and coordination of energy assurance-specific actions with broader emergency management plans at the Federal, State and regional levels. The EAP will include a tailored approach to the four stages of an energy emergency as defined by the National

Association of State Energy Officials, Phase I – Monitor and Alert, Phase II – Assess and Determine Action, Phase III – Actions and Feedback and Phase IV – Review Lessons learned.

To ensure consistency with federal energy assurance guidelines, Shaw proposes to use national best practices, including the US Department of Energy's Local-Level Energy Assurance Framework based on guidance contained in the Public Technology Institute's Local Government Energy Assurance Guidelines. Specifically, Shaw will perform the following tasks and include the findings in the EAP framework:

- 1) Local energy Profile: Shaw will work with the Village of Hoffman Estates to develop a summary description of the local energy profile including amount of energy and power used and produced, including fuels and volumes. Shaw will analyze key information provided by the Village about specific fuels (i.e., volumes, sources, end-uses, key delivery pathways) as well as pertinent government and industry contacts. This analysis will also include a description of historic trends showing the change in the Village's energy mix overtime as well as major events in the area that have historically caused energy supply disruptions, and actions that have been taken in response and potential for future events;
- 2) Shaw will do a characterization of interdependencies among critical energy infrastructure and vulnerabilities that arise and identify best practices and policies that the Village can take to ensure protection of key critical infrastructure. Critical facilities where the loss of energy could affect other infrastructures include natural gas compressors, pumping stations, telephone and critical computer systems. Shaw will coordinate with various Village departments

and with local utilities including Nicor and ComEd.

- 3) Shaw will identify and recommend data sources that help to anticipate and respond to energy disruptions and will include the identification and analysis of potential system vulnerabilities in terms of worst performing or overloaded feeders and overloaded substations, communications protocols with the City and public during energy emergencies and location of portable emergency generators, emergency trailers, and emergency response vehicles.
- 4) Shaw will review existing local jurisdiction aid agreements and energy assurance and response plans at the Local, State and Federal levels and will connect them to the Village's EAP. This will include coordination of governmental entities, organizational relationship and responsibilities and a summary of the Village's role and relationship with Federal, State, regional and local authorities.
- 5) Shaw will provide a list of recommended actions and policies that the Village can undertake that will ease the impacts of short-term energy disruptions including steps that the Village can take to work with industry to minimize and resolve the impacts of an energy supply disruption. The recommendations will include municipal buildings load reduction planning during peak electric events, participation in ComEd's Demand Response Program, energy efficiency, distributed and renewable energy applications at municipal facilities. Recommendations will also include an energy readiness checklist that industry can update and file with the Village.

The EAP will be finalized by Village staff in conjunction with Shaw.

III. Other Project Tasks

Shaw will assist the Village in framing and observing any exercise resulting from the

development of the EAP. After observation, Shaw will produce a report that recommends improvements to the EAP and policies including recommendations to define applicable technology and energy assurance planning for the purpose of strengthening energy and building codes, including the following:

Shaw will provide guidance to the Village staff on how to best utilize the final approved EAP to produce an education program to communicate with local businesses about energy preparedness and efficiency.

Shaw will provide a Smart Grid applications overview for local governments to key Village staff that will aid in the Village's Energy Assurance Plan (EAP).

Shaw will provide the Village with recommendations on policies and amending building codes. Building codes can be used to increase a community's ability to deal with disruptions to the electric power infrastructure by requiring facilities to be adequately prepared for power disruptions. Modification of a building's use can significantly affect electrical service requirements, which may or may not be readily identified on building permits. Some examples of this type of project include the following:

- Conversion of conventional commercial or industrial facilities to computer-based company operations with extensive computer equipment and air-conditioning requirements;
- Conversion of a commercial building to residential condominiums; and
- Rehabilitation of residential buildings to increase their electrical service.

IV. Deliverables

Kickoff Meeting Deliverable:

Following the project kick-off meeting Shaw will provide an electronic memo to all kick-off meeting participants that finalizes the project scope, objectives, approach and schedule; identifies utility and municipal operational and performance data that will be required and action steps for obtaining it; identifies any constraints or obstacles the Village believes may inhibit program design or implementation; and recommends strategies for overcoming them.

Deliverable 1:

Assessment Profile: The first key deliverable will be the analysis report of Village and Hoffman Estates facilities. This will be due no later than May 31, 2011.

Deliverable 2:

Draft Energy Assurance Plan: The second deliverable will be a draft EAP for the Village of Hoffman Estates, due no later than June 30, 2011. The Village will review the draft and work with Shaw to complete revisions and ultimately, a final draft. This process is anticipated to be complete no later than August 31, 2011.

Deliverable 3:

In the interim of EAP development, Shaw will be available periodically for training/education sessions with Village staff regarding the content of the EAP. These sessions will consist of primarily question and answer format, rather than lecture-style presentation. The intent of holding these sessions is to train staff that will be responsible for the continuity of the Energy Assurance programs.

Deliverable 4:

Recommendations for potential ordinance and process changes will be due no later than July 31, 2011.

4.0

SCHEDULE & PRICING**Schedule**

Shaw is prepared to commence work immediately upon complete execution of a signed contract with the Village. In addition, our team has worked on numerous ARRA projects and we are familiar with the U.S. Department of Energy's stringent project schedules. As indicated in section 3.0 Scope of Work, the Shaw Team will meet all established scheduling requirements. In addition, our team has identified potential efficiencies that will allow us, if necessary, to execute the project on a compressed schedule while still maintaining the quality of our deliverables.

Pricing

Shaw has carefully reviewed the Village of Hoffman Estate's RFP and will perform all

activities outlined in the Section 4.0 Scope of Work on a time and materials basis not to exceed \$54,000.00 pursuant to our standard rate schedule. A rate schedule for key project team members follows:

Bill Abolt	\$225.00 / hour
Mary O'Toole	\$225.00 / hour
William S. Haas	\$175.00 / hour
Antonia Ornelas	\$175.00 / hour
Jonathan Dierking	\$175.00 / hour
Catalina Lamadrid	\$150.00 / hour
Kristofer Kiszynski	\$110.00/ hour

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VILLAGE OF HOFFMAN ESTATES - ENERGY ASSURANCE ANALYSIS. ENERGY ASSURANCE PLAN DEVELOPMENT. AND ENERGY EDUCATION

5.0

PROJECT EXPERIENCE

The projects below represent a cross section of Shaw's recent work on similar projects.

Project Description	
Project Name:	Energy Efficiency and Conservation Strategy and Sustainability Master Plan
Project Location	Palm Bay, FL
Client Name:	City of Palm Bay
Client Contact:	Sue Hann Deputy City Manager City of Palm Bay 120 Malabar Road, SE Palm Bay, FL 32097-3009 Email: hanns@palmbayflorida.org Phone: 321-952-3411
Dates:	08/2009 – 10/2010

Project Description

Shaw worked with the City of Palm Bay to develop an Energy Efficiency and Conservation Strategy (EECS) and Sustainability Master Plan designed to address all three aspects of the sustainability triple bottom line as defined by the International City/County Management Association (ICMA): Environment, Economy, and Social Equity. With the triple bottom line as a guiding principle, Palm Bays EECS and Sustainability Master Plan aim to support the creation of a new green economy and focuses on measures that will reduce energy consumption and GHG emissions, while optimizing the quality of services offered to the community.

Shaw conducted energy audits of six of the city's main facilities and provided a report identifying Energy Cost Reduction Measures (ECRM). All measures were prioritized based one cost, Return on Investment (ROI), need, and available funding. Shaw also conducted energy audits for 7 of the city's facilities. Shaw calculated the baseline of

energy use and GHG emissions based on major end uses including facilities (buildings), information technology data centers, vehicles (fleet), traffic signals, other transportation facilities, and park lighting. As much as possible, energy and emissions calculations for the City were made by sector uses. Shaw developed a baseline for projecting future energy usage and cost going forward based on things such as growth, increased commodity costs, project census data, building permits, any municipal capital improvements, and any energy efficiency reduction projects. A final inventory report was prepared that detailed the approach and results of the City's inventory. The inventory report included a listing of all activity data, data sources, contacts, collection methodologies, data quality tiers, surrogate data estimation methodologies, emission factors, equations, assumptions, and anomalies.

The report was written in such a way as to provide the City with guidance and a plan to institutionalize the collection, calculation and maintenance of GHG data and the methodologies, documentation, and reporting of high quality inventories in future years. A final element included the development of sustainable codes and building standards for both residential and commercial construction.

Project Description	
Project Name:	Energy Code Adoption and Enforcement
Project Location	Chicago, IL
Client Name:	Metropolitan Mayors Caucus
Client Contact:	Kate Agasie, Director of Environmental Initiatives 177 N. State Street, Suite 500 Chicago, IL 60601 Email: kagasie@mayorscaucus.org Phone: 312-201-4508
Dates:	07/2009 - Present

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VILLAGE OF HOFFMAN ESTATES - ENERGY ASSURANCE ANALYSIS, ENERGY ASSURANCE PLAN DEVELOPMENT, AND ENERGY EDUCATION

Project Description

At the request of the Metropolitan Mayors Caucus, a membership organization of 273 municipalities in the Chicago region, Shaw designed a pilot program to advance adoption and implementation of the IECC 2009 residential energy code among nine municipalities that had either no residential energy code or an outdated code. Shaw created a residential building prototype and used it to conduct energy modeling that revealed the difference in construction costs and energy savings resulting from implementation of IECC 2009 versus no residential energy code, IECC 2003 or IECC 2006. For each of the three scenarios, Shaw calculated incremental construction costs, energy savings and simple payback periods so that pilot participants could weigh the costs and benefits of adopting IECC 2009. All nine municipalities adopted IECC 2009.

To help the municipalities enhance energy code compliance, Shaw analyzed each city's plan review and permitting processes and compared them with best practices in code compliance and enforcement. Shaw identified process gaps and made customized recommendations to help each municipality bridge the gaps.

Project Description	
Project Name:	Energy Efficiency and Renewable Energy Assessment
Project Location	Beloit, Wisconsin
Client Name:	City of Beloit
Client Contact:	Larry N. Arft, City Manager Beloit City Hall 100 State Street Beloit, WI 53511 Phone: 608-364-6600
Dates:	09/2010 – 01/2011

Project Description

Shaw assisted the City of Beloit, Wisconsin by completing a detailed energy efficiency and renewable energy assessment of ten public buildings and facilities. Energy audits were conducted at each facility and identified no-cost/low-cost measures, system retrofits and capital replacements that enable the city of Beloit to reduce energy and costs while improving system operations. Each facility was also assessed for renewable energy potential including solar photovoltaic, solar thermal, and wind energy systems. The final report included recommended measures and systems, cost estimates, a detailed payback analysis and identified applicable funding sources including grants, rebates and loans.

Project Description	
Project Name:	City of Chicago EERE Strategies
Project Location	Chicago, IL
Client Name:	City of Chicago
Client Contact:	Suzanne Malec-McKenna, Commissioner Department of Environment City of Chicago 30 N. LaSalle Street Chicago, IL 60602 Phone: 312-744-7609
Dates:	2007 – 05/2009

Project Description

In 2007, Shaw helped the City of Chicago identify energy efficiency and renewable energy strategies that both supported its Climate Action Plan goals and were likely to be eligible for funding under the state's newly-mandated portfolio requirements. We provided technical and strategic assistance to the City in its negotiations with ComEd as the Exelon-owned electric utility developed its plan for energy efficiency spending in its territory. Shaw also updated the City's energy code to a higher level of performance and evaluated waste reduction and

recycling (e.g., anaerobic digestion) options that supported the City’s Climate Action Plan and zero waste management strategy.

When ComEd and State of Illinois electric efficiency incentives became available in mid-2008, Shaw worked with the Metropolitan Mayors Caucus to help its members access incentives that supported their municipal sustainability and climate action goals. With the Caucus, we are now assisting communities in northeastern Illinois to develop energy strategies that leverage utility incentives, EECBG funds and State Energy Program dollars. Shaw also is working with the Caucus to help its members to adopt the IECC 2009 residential energy code. Shaw’s technical assistance includes cost-benefit analyses; model ordinance development; code education, training and enforcement program development; training work-shops; and code policies and procedures implementation.

Project Description	
Project Name:	Missouri State Energy Program and Energy Efficiency and Conservation Block Grant Program
Project Location	Jefferson City, MO
Client Name:	Missouri Department of Natural Resources
Client Contact:	Andy Popp Environmental Manager, Division of Energy Address: 1101 Riverside Drive Jefferson City, MO 65101 Phone: 573-751-6981
Dates:	10/2009 – 04/2012

Project Description

Shaw is providing comprehensive design, implementation, oversight, monitoring, and program management expertise for sub-grant programs under State Energy Program (SEP) and Energy Efficiency Conservation Block Grant

(EECBG) Program, which outline large-scale energy efficiency goals for Missouri.

- **Energize Missouri Communities** – This program is designed provide local units of government with funding to conduct energy efficiency retrofits for the public sector including public buildings and water and wastewater treatment facilities, conduct rehabilitation of downtown areas via a “green streets” initiative, establish programs to support building code enforcement, and install on-site renewable energy generation systems on public buildings.
- **Energize Missouri Industries** – This program will impact the energy use of the industrial and manufacturing sectors by providing incentives for conducting energy audits and installing energy efficiency measures.
- **Energize Missouri Homes** – The program is designed to improve the energy efficiency of Missouri homes by encouraging utilities and coops to incorporate a measure of energy use in customer reports and encourage behavioral change, by conducting energy audits of residential units, and installing energy efficiency measures in single-family homes and multi-family buildings around the State of Missouri.
- **Energize Missouri Agriculture:** This program will impact the energy use of the agricultural sectors by providing incentives for conducting energy audits and installing energy efficiency measures in operations such as dairy farms, confined animal farming operations, irrigation, grain drying and nurseries. Smart Energy Design Assistance Center.

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VILLAGE OF HOFFMAN ESTATES – ENERGY ASSURANCE ANALYSIS, ENERGY ASSURANCE PLAN DEVELOPMENT, AND ENERGY EDUCATION

Energy Management

Project Location	Chicago, IL
Client Name:	Illinois Department of Energy and Economic Opportunity
Client Contact:	Jessica Commins Program Manager Address: 401 North Michigan Avenue, Suite 1200, Chicago, Illinois 60611 Phone: 312-962-3102
Dates:	09/2008 – Present

Project Description

Shaw delivered detailed technical assessments of building and operational systems, utility bill analysis, and renewable energy technologies. Facilities audited included convention centers, airports, institutional facilities and logistics/support centers. Shaw produced analysis reports identifying low-cost/no-cost and capital improvement energy efficiency recommendations. Along with analysis reports, Shaw delivered analysis of energy usages reductions, installation costs, and financial return on investment savings estimates. In order to implement the recommended assessments, Shaw identified potential state and national energy efficiency grant/incentive funding and tax incentives available.

Shaw beat the project deadline by completing 13 energy audits identified within the first year. These audits identified over 3,500 MWh, 90,000 Thm and \$400,000 in annual energy and cost savings.

Energy Management, Sustainability Strategic Planing

Project Location	Nationwide
Client Name:	Darden Restaurants
Client Contact:	Ken Fowler Director – Risk Management Services Address: 1000 Darden Center Drive. Orlando, FL 32837 Phone: 407-245-6150
Dates:	02/2009 – 09/2009

Project Description

Shaw assisted Darden Restaurants, Inc. (includes such well known restaurants as Red Lobster, Olive Garden, Longhorn Steakhouse and the Capital Grill) in establishing and implementing a program that will help position them as a leader in corporate energy management and assist in moving Darden toward their goal of corporate responsibility and environmental stewardship.

Shaw compiled baseline energy and water usage data for all 1,800 restaurant locations. To establish the baseline, Shaw obtained and reviewed electric, natural gas, fuel oil, and water usage bills and other pertinent information for Darden's entire portfolio. This data allowed the team to identify high energy users, determine the cost impacts of specific energy reduction measures and project the energy reduction potential of the portfolio.

After establishing the baseline energy consumption, we visited a sample set of twelve facilities to perform energy audits that included identifying potential energy and water efficiency opportunities. We focused on lighting, heating and air conditioning equipment, refrigeration systems, cooking equipment, building envelope and fenestrations, and water heating systems. We inspected identified equipment, photographed and recorded nameplate information, and compiled the data in an asset database.

Shaw identified water conservation opportunities as part of the audits performed at twelve locations. We identified opportunities to reduce customer, kitchen staff and irrigation water use through low flow technologies. Some of these technologies included low flow faucets, toilets, urinals, dipper wells, and drip irrigation. We also recommended automation controls for irrigation and dipper wells.

Energy Program Design	
Project Location	Chicago, IL
Client Name:	Commonwealth Edison (ComEd)
Client Contact:	Michael S. Brandt Manager DSM and EE Program Planning Address: Three Lincoln Centre, 2nd Floor Oakbrook Terrace, IL 60181-4260 Phone: 630-576-6825
Dates:	06/2008 - 05/2010

Project Description

In June 2008, ComEd, the largest utility in Illinois, hired Shaw to design and implement a program that would establish community-based partnerships to enhance the delivery of ComEd's energy efficiency incentives to commercial, residential and local government customers. Recognizing that cities are the most effective and trusted provider of services, Shaw developed the ComEd Community Energy Challenge (CEC), a competitive program that leverages municipalities' existing programs and deliver channels to deliver energy efficiency incentives while advancing municipal sustainability goals. Shaw helped CEC participants develop energy plans to reduce the amount of energy used by municipal operations, residents and businesses while advancing related municipal objectives. Each municipality was required to describe the projects it would undertake to reduce energy use and advance complementary objectives, such as reducing greenhouse gas emissions, decreasing water consumption or creating green jobs. Shaw created a planning and technical assistance framework for CEC participants in developing their municipal energy plans. In addition, we facilitated the municipal energy planning process for the 1 municipal participants and provided one-on-one technical assistance to them as they developed their plans.

In May 2009, 10 municipal energy plans were submitted to a review panel convened by ComEd, to provide an initial rating of each plan based on its estimated energy savings and contribution to municipal goals. The municipality that developed the top-ranked plan used it as the basis for its EECS as did the seven other EECBG entitlement communities that participated in the CEC. Shaw provided technical assistance to all CEC participants to help them implement their energy plans over the 12 month project implementation period. The period will end May 31, 2010. At that time, the actual performance of each CEC participant will be evaluated and the winner of the ComEd Community Energy Challenge will be named.

Disaster Recovery

Project Location	Various Locations in Texas
Client Name:	Texas Department of Housing & Community Affairs (TDCA)
Client Contact:	Michael Gerber Executive Director 221 E. 11th Street Austin TX 78701 512-475-3930 Michael.gerber@tdhca.state.tx.us
Dates:	01/2008 - 12/2010

Project Details

Shaw administers and performs all construction management, home inspections, environmental reviews, mitigation assessments, and application intake for this grant and forgivable loan program. The work is performed under established service level agreements.

Shaw implemented a robust, fully scaleable web-based records management system utilizing a Postgre SQL backend database. The system stores all applicant records and pertinent information including photographs, notes, and sketches from site inspections at each applicant house. Additionally, all calls to the call center and other

log notes are recorded in the each applicant record with date and time to show the progression of the application through the process and to provide an audit trail for the client as well as HUD and other monitoring agencies.

The Shaw Team also developed an XML datagram notification system that communicates applicant information with a third party eligibility determination system over a secure web interface. This notification system allows for notification of applicants ready for eligibility determination, requests for applicant data from the eligibility system and notification of different eligibility states to the records management system all in real time.

Disaster Recovery	
Project Location	Baton Rouge, Louisiana
Client Name:	ICF International
Client Contact:	Al Blankenship ICF Chief of Staff 225-242-1000 ablankenship@ICFI.com
Dates:	06/2006 – 06/2009

Project Details

Shaw opened sixteen (16) Facilities including Housing Assistance Centers (12), Headquarters (2), Customer Assistance Center and Pilot Center under aggressive, fast track timelines. Each location was staffed and ready to see the first applicant on the originally schedule dates.

The property tracking system and database evolved over time to encompass over 40,000 items. Tracking of Government property required coordination with other subcontractors on the project as well as prime contractor's contract administration to ensure that the flow of information on government purchased property protocols was embraced by the entire Road Home team.

In addition to tracking property, Shaw was asked to be the "go to" for all procurement activities on project, including; office consumables, materials, IT equipment and software, security services, subcontractor support, and all vendor services. These activities required Shaw to create project-specific processes and protocols to ensure that all items were used on the project and tracked in accordance with recognized business practices and regulatory requirements.

Shaw was tasked by ICF to provide Home Evaluation services and implement the program from July 2006 to August 31, 2007. Home evaluations were conducted under the LRHP to quantify storm damage and provide an estimate of the cost to replace housing.

Shaw provided training, IT services, labor, materials, equipment, specialized personnel, and supervision for Home Evaluations. All Evaluations were conducted according to the Road Home and ICF procedures to inspect damaged dwellings and relay that information through established electronic database protocols.

Shaw worked with ICF and led the implementation of this unique program, assisting in the initial design and development of the database that would be used to collect data from the field, as well as bringing on sub contractors that added value to the program with implementation of the Worltrac system.

Mobile Deployments were initiated to help those residents who were currently living out of State, or were physically unable to visit a Road Home location, to apply for assistance with the LRHP. Shaw was responsible for the logistics and support of all Mobile Deployments.

Disaster Recovery	
Project Location	Throughout Galveston County
Client Name:	Texas Department of Housing & Community Affairs (TDHCA)
Client Contact:	Kelly Crawford Project Manager 221 E. 11th Street Austin, TX 78701 512-475-32-62
Dates:	09/2009 – 09/2011

Project Details

Shaw is assisting Galveston County in its effort to manage and distribute more than \$99 million in CDBG funding to address housing needs of qualified families affected by Hurricane Ike in September 2008. The GCHAP team is implementing a disaster recovery program specifically designed to assist with the revitalization of an isolated community with special construction and access needs. Bolivar Peninsula suffered tremendous losses from Hurricane Ike – access to the peninsula is limited to the west side via a ferry, presenting difficulties with construction debris removal and delivery of construction materials.

Shaw's support to Galveston County began in late 2009 with the development of policies and procedures to be implemented for the program and the preparation of the request for proposals for qualified builders. Shaw has recently assisted Galveston County in the evaluation and final selection of builders and we are preparing to provide oversight of selected subcontractors to ensure workmanship and compliance with all federal and state requirements for the disbursement of CDBG funds. Shaw has also completed the NEPA required broad environmental review of the proposed Housing Assistance Program in Galveston County. Project activities include:

- Minor repairs
- Rehabilitation of owner-occupied single-family residential structures
- Reconstruction/new construction of owner-occupied single-family residential structures
- Demolition – associated with reconstruction projects and vacant dilapidated structures
- Rehabilitation of renter-occupied units
- Reconstruction of renter-occupied units
- Elevation – as per code
- Accessibility improvements – available based on homeowner need
- Replacement housing – built on alternate sites

Attachment A: Resumes

**Bill Abolt, LEED A.P.
District Manager****EDUCATION**

MPA, Public Administration, Northern Illinois University
BA, Political Science, Augustana College

HIGHLIGHTS

- LEED Accredited Professional
- Over 25 years of experience managing complex environmental, energy, and public issues
- Manager of Shaw's Sustainability National Practice and leads the Green Design and Development and Clean Energy areas of the practice

REGISTRATIONS

Leadership in Energy and Environmental Design
(LEED) Accredited Professional

Relevant Experience

Mr. Abolt is responsible for all aspects of project management and operations oversight for Shaw's Illinois and Wisconsin offices. He also leads Shaw's Sustainability National Practice and directs its Clean Energy and Sustainability Center of Excellence. As a part of his responsibilities, Mr. Abolt manages and directs specific consulting projects including but not limited to assignments involving renewable energy and energy efficiency, sustainable design, Brownfield development, program and regulatory analysis, sustainability assessments, budgeting, capital planning and budget optimization.

Prior to joining Shaw, he served as Environment Commissioner, Director of the Office of Budget and Management and Chief of Management, Office of the Mayor, for the City of Chicago and, before that, as Executive Director of the Solid Waste Agency of Northern Cook County. He is an adjunct instructor in Public Policy and Administration at both Northwestern University and the University of Illinois at Chicago.

Mr. Abolt has 25 years of experience managing complex environmental, energy and public issues including energy planning and sustainability

program design, multi-stakeholder budget processes; state delegated environmental programs; sustainable Brownfield redevelopment; green infrastructure planning and analysis; waterfront improvement; site selection studies; critical electrical infrastructure planning; enterprise-wide analysis of infrastructure and electrical system performance; emergency response; and multi-disciplinary investigations of environmental impacts.

Current and past professional affiliations include Chairmanship of the Chicagoland Chamber of Commerce Environmental Committee and the Chamber's Green Business Advisory Committee, Chicago Council on Global Affairs Task Force on National Energy Policy and Midwest Competitiveness, the Executive Committee of the Illinois Chapter of the National Brownfields Association; Illinois Regulatory Review Commission; Board of Directors, National Association of Local Government Environmental Professionals; Board of Trustees, Municipal Waste Management Association of the US Conference of Mayors; Board of Directors, Alliance for the Great Lakes; Board of Directors, Illinois League of Conservation Voters; and Board of the Northeastern Illinois Planning Commission. Mr. Abolt also served as Chairman of Chicago's Emissions Credit Trading Bank. He has provided testimony on environmental issues in legal and legislative proceedings including hearings of the United States Congress.

**Shaw Project Experience
Project Director, American Reinvestment and Recovery Act (ARRA) Energy Programs, Various Cities and States**

Mr. Abolt serves as the project director and senior technical expert for multiple city and state energy programs funded under ARRA, the federal economic stimulus program. ARRA provides unprecedented funding to states and local

governments for energy efficiency and renewable energy. All programs require the rapid development and deployment of energy efficiency and renewable energy strategies. Specific projects include Energy Efficiency Conservation Block Grant (EECBG) strategies for cities and Native American Tribes in Florida, Georgia, Oregon and Louisiana, the development and administration of the EECBG program for the State of Missouri and of the State Energy Program (SEP) and EECBG program for the state of Louisiana.

Project Director, Sustainable Energy Planning, ComEd

Direct project focused on aligning ComEd and State of Illinois energy efficiency incentives and programs with local climate action and sustainable development plans. ComEd is an Exelon company and the electric utility serving northern Illinois. Project includes the alignment of efficiency incentives with the City of Chicago Climate Action Plan and development of a competitive energy challenge for northeastern Illinois communities outside of Chicago. The energy challenge is currently being piloted in twelve municipalities and is modeled after best practice examples of community energy initiatives from across the country.

Project Director, City of Chicago Climate Action Plan Support

Shaw provided energy and waste analysis services to the City of Chicago in support of its Climate Action Plan. The City of Chicago's Climate Action Plan establishes aggressive goals for greenhouse gas reduction. Shaw helped the City identify energy efficiency and renewable energy strategies that both support its Climate Action Plan goals and are likely to be eligible for funding under the state's new mandated energy efficiency portfolio requirements.

Shaw supported the City in proceedings before the Illinois Commerce Commission (ICC) as ComEd

developed its plan for energy efficiency spending in its territory. Shaw also updated the City's energy code to a higher level of performance consistent with the City's greenhouse gas reduction objectives. Finally, Shaw evaluated waste reduction and energy recovery (e.g., anaerobic digestion) options that support the City's Climate Action Plan and zero waste management strategy.

Project Director, Municipal Energy Efficiency/Renewable Energy Initiative, Metropolitan Mayors Caucus

Shaw was hired by the Metropolitan Mayors Caucus to help its members—all of the municipalities in the Chicago region—develop energy efficiency and renewable energy (EERE) projects that can take advantage of state mandated EERE requirements.

As part of its work, Shaw has helped the municipalities identify EERE projects most likely to be funded by the state or local utilities and define the data municipalities will need to provide for the appropriate measurement and verification of projects.

Shaw then assisted the Caucus in developing a standardized energy efficiency program focused on municipal operations and is currently implementing that program in cities throughout northeastern Illinois. The program includes energy efficiency and sustainability improvements in water and wastewater utilities.

Shaw is currently assisting Caucus members in developing energy plans in support of applications for funding through the federal Energy Conservation Block Grant program and is developing the Caucus advanced residential energy code program. The latter work entails energy modeling of code impacts, assistance in code development and adoption and training for code officials and the regulated community.

Project Director, Air-Energy Integration Initiative, U.S. DOE Office of Energy Efficiency and Renewable Energy (EERE), and Illinois Dept. of Commerce and Economic Opportunity

Direct multi-year, multi-state initiative that focuses on quantification of beneficial air quality impact from EERE strategies and incorporation of those impacts into state air quality plans. Program is designed to support increases in both efficiency and renewable projects and increase cooperation between state air regulators and energy officials. Current phase of the project focuses on modeling the impact of expanded EERE policies/programs on the State of Illinois' Climate Action Plan and the State of Michigan's Renewable Energy Portfolio Standard (RPS.)

Project Director, Sustainability Services, Chicago 2016

Direct Shaw team assisting Chicago 2016 with sustainability and environmental issues associated with City's bid to host the Olympics. Services included developing the environmental management system (EMS) framework for the bid package that was submitted to the International Olympic Committee (IOC) and assistance in designing and implementing comprehensive sustainability strategies for the IOC evaluation committee visit.

Project Director, Energy Efficiency Evaluation, Confidential Client

In conjunction with Sieben Energy, performed detailed evaluation of energy efficiency potential for confidential client. Analysis included consideration of economic, technical, regulatory and market barriers to and opportunities for the expansion of energy efficiency in a multi-state area, as well as enterprise-wide strategies to measure and optimize state-by-state investments. Performed a subsequent analysis of the impact of existing and new building codes on energy usage of the client's customer base.

Project Director, Critical Systems Environmental Risk Assessment, PPL Corporation

Directed project focused on evaluating potential environmental risks at nearly 50 power plants in multiple states. Over 600 specific risk scenarios were identified and evaluated on an expedited schedule to assist the company in planning for and reducing environmental risk at each plant and on an enterprise-wide basis.

Project Director, Environmental Audit and Sustainability Master Plan, Museum of Science and Industry, Chicago, IL

Direct Shaw project team responsible for an environmental audit and sustainability master plan for the Museum of Science and Industry (MSI.) Work includes assessment of Museum operations, buildings, grounds, energy and water consumption, supply chain and exhibits. Master plan defines MSI sustainability objectives, aligns those objectives with the Museum's mission and outlines a range of strategies to become a recognized leader in sustainable operations.

Project Director, Environmental Audit and Sustainability Assessment, Brooklyn Botanic Garden

Directed Shaw team that conducted an environmental audit and sustainability assessment for the Brooklyn Botanic Garden. The assessment was conducted to support the Garden's objective of becoming a national leader in sustainable urban landscaping and its contribution to the City of New York's Climate Action Plan. The assessment focused on all aspects of Garden operations including facility management, procurement, energy and water conservation and landscape management. Key recommendations included modifications of landscape practices and expansion of green infrastructure to enhance the value of ecosystem services provided by the Garden to the surrounding community.

Project Director, Environmental Audit and Sustainability Assessment, Chicago Botanic Garden

Directed Shaw team that conducted an environmental audit and sustainable practices protocol assessment for the Chicago Botanic Garden (CBG), one of the largest botanic gardens in the United States. The purpose of the audit was to establish a baseline that the Garden could use as it considered specific strategies for environmentally responsible action and leadership. Audit included both a detailed analysis of CBG operations such as water and energy conservation practices and a comprehensive analysis of applicable, sustainability best practices.

Project Director, Lincoln Park Zoo South Pond Restoration, Chicago, IL

The Lincoln Park Zoo retained Shaw to lead the design team for the restoration of the South Pond located on Chicago Park District property adjacent to the Zoo on Chicago's lakefront. The goal of the project is to provide both aesthetic improvements, and a sustainable solution to stormwater and water quality management issues.

The design has moved through schematics and design development, procurement and permitting... Elements of the restored South Pond will include: replacement of the majority of the engineered edges with naturalized edges; a boardwalk circuit around and across the pond; an education pavilion; a boardwalk pavilion; wind turbines; water quality improvements; constructed wetlands; and integrated interpretation.

Project Director, Riverfront Corridor Redevelopment Initiative, City of Aurora, IL

Direct project for the City of 175,000 focused on developing environmental, financing and implementation strategies for the sustainable redevelopment of the city's downtown, riverfront

and Brownfield properties ("riverfront corridor"). Shaw:

- Developed an integrated implementation plan for redevelopment of the Aurora riverfront corridor Plan resulted in the designation of Aurora as the first River Edge Redevelopment Zone in Illinois, qualifying the City for, approximately, \$20 million in State redevelopment assistance...
- Created sustainability strategies for the redevelopment area that increase energy efficiency, manage stormwater, reduce construction and demolition debris, and promote economic development through job creation.
- Serve as primary technical consultant for comprehensive Brownfield remediation on multiple sites throughout the redevelopment area.
- Identified and secured financial resources to clean up a blighted illegal dump site along the Fox River, which serves as a barrier to redevelopment and impairs the river's water quality. Shaw designed and oversaw clean-up of illegally dumped debris on behalf of the City in cooperation with the state of Illinois, using recycling and reuse approaches to substantially reduce clean-up costs. Shaw is working closely with the state to properly characterize the site and identify opportunities to achieve its clean up and rehabilitation as a treatment wetland and natural areas centerpiece of a new riverfront park.
- Integrated green infrastructure strategies into the City's stormwater management plans and capital improvement program. Secured state/federal funds to begin to use green infrastructure Best Management Practices (BMPs) to improve the quality of stormwater and the efficiency of stormwater systems for the City's water management program. Shaw is designing and helping the City implement the

BMPs in Aurora's riverfront TIF districts, Brownfield sites, proposed open spaces, and planned neighborhood sewer decombination areas.

- Identified opportunities for LEED Gold certification in the design and construction of the new Police Headquarters and Branch Courts Facility. Provide both LEED certification and building commissioning services for project. For each possible LEED credit, analyzed cost and ease of implementation, ultimately recommending those credits that provided the best opportunity for delivering a cost-effective, environmentally responsible, high performance building that meets the safety and security measures needed for a law enforcement facility.

Project Director, Green Infrastructure Development Plan, Natural Resources Defense Council (NRDC)

Direct multi-disciplinary project team that is applying NRDC's **Rooftops to Rivers** policy and program approach to the City of Aurora green infrastructure plan.

Rooftops to Rivers is an NRDC policy and best practices analysis that focuses on green infrastructure and development approaches that reduce non-point source pollution and eliminate combined sewer overflows

The NRDC project is now being expanded to focus on replication in additional communities and inclusion of energy conservation strategies in water and wastewater utility operations. As part of project expansion, Shaw is assisting the City of Milwaukee in developing water and energy conservation strategies to support its application for federal funding under the Energy Efficiency Conservation Block Grant.

Project Director, United Neighborhood Organization (UNO) Charter School Network Expansion

Direct project providing business planning and sustainability consulting to UNO for the expansion of its Charter School Network. The UNO Charter School Network was established in 2004 and is growing rapidly, with three campuses already established and four more in development.

For the design of its new schools, four elementary and one high school, UNO hired Shaw to help it make these and future schools more environmentally sustainable. Shaw is using the Leadership in Energy and Environmental Design (LEED) rating system to identify and integrate "green" design elements that will increase energy efficiency, decrease water consumption and minimize environmental impact on the land, while earning each school a LEED Gold rating.

Shaw is currently assisting UNO with the privatization of its renewable energy systems and development of a business plan to increase market penetration and create green collar jobs for its existing building maintenance business.

Project Team Member, Sustainability Master Strategy and Report, Confidential Aviation Client

Assist with the development of a sustainability assessment and report for a major US airline. Project is a detailed assessment of airline performance and includes development of sustainability metrics consistent with industry best practices. Responsibilities include facilitation of Airline's Senior Management in developing sustainability strategic objectives and aligning those objectives with corporate mission and near term business priorities.

Project Director, Climate Action Plan Financing Project, City of Boulder, CO

Directed Shaw team as part of joint project for the City of Boulder, CO focused on developing a financing strategy for the City's Climate Action

Plan. Project work entailed detailed analysis of City operations, its Greenhouse Gas Inventory and available financing approaches. The strategy focused on developing approaches that could finance expanded energy efficiency and renewable energy programs.

Project Coordinator, Hurricane Katrina Response, New Orleans, LA

Coordinated interface with senior staff of the City of New Orleans for Shaw contract with the City in response to Hurricane Katrina. Project work included development of performance metrics and reporting tools to track and communicate project progress and integration of Shaw staff with City operations through augmentation of City staff. Coordinated Shaw analysis of impact of disaster on City, enterprise fund and utility revenues and the loss of revenue to restoration of critical infrastructure services.

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Mary O'Toole
Senior Energy Engineer

REGISTRATION

MBA, Loyola University, 1990

BS, Civil Engineering, Marquette University, 1980

HIGHLIGHTS

- More than 25 years of energy experience
- Skilled regulatory and environmental expert specializing in utility industry management
- Worked on Chicago 2016 Olympic Committee as the key liaison for energy estimates and environmental programs

PROFESSIONAL AFFILIATIONS

Chair, Solar Electric Power Association, 2001-2005

Chair, Midwest Energy Efficiency Alliance, 2001-2004

Relevant Experience

Ms. O'Toole is a skilled regulatory and environmental expert, specializing in utility industry management. With more than 25 years of energy experience, she is an experienced regulatory and governmental agency negotiator with noted accomplishments in business strategies. Ms. O'Toole has had extensive experience developing and implementing communication strategies for regulatory initiatives focusing on advancement of the competitive wholesale and retail electricity market in Illinois.

Relevant Experience

Project Director, Shaw Environmental & Infrastructure, Inc., Chicago IL

Over the past 4 years has been responsible for growth of the energy practice for the Midwest region for Shaw. Projects include work with major electric and gas utilities in areas of energy efficiency, renewable programs and strategic business support.

Chicago 2016 Olympic Bid Committee, Chicago IL

Ms. O'Toole worked as the key liaison for all energy issues related to the development of the Operating Plan for the Chicago's Bid for the Summer Games in 2016. This work addressed estimating energy

loads for existing sport facilities and proposed venues. Those estimates were then examined for application of energy efficient innovations and renewable energy projects. Interface with City and private owners and environmental stakeholders was essential in gaining strategic support of these initiatives. Leading technology vendors and private investment firms were also consulted on the development plans for consideration in the innovative measures proposed for the Games.

NICOR Gas, Naperville, IL.

Ms. O'Toole acted as Board Facilitator for Nicor Gas and its voluntary Board for 14M Energy Efficiency Programs. Also, Ms. O'Toole coordinated stakeholder input and four RFPs for first year of natural gas programs. Ms. O'Toole worked with state environmental groups as well as key legislative bodies.

ComEd, Chicago, IL

Ms. O'Toole assisted ComEd, Ameren, and DCEO with stakeholder outreach efforts that informed the design of electric energy efficiency programs developed in response to the State of Illinois' Energy Efficiency Portfolio Standard. Facilitated all meetings held between the utilities, DCEO and stakeholders, ensuring that stakeholder concerns were heard and understood. Her efforts led to a smooth regulatory approval process for the utilities and DCEO.

Project Manager, National Economic Research Associates, Chicago, IL

Ms. O'Toole developed environmental and regulatory initiatives to respond to Illinois' Sustainable Energy program. Ms. O'Toole conducted coordination across functional business lines and building upon existing regulatory relationships essential for success of initiatives.

**Director, Environmental Strategy, ComEd,
Chicago IL,**

Developed energy efficiency and renewable energy programs for ComEd and its customers. Programs were implemented with marketing and regulatory interfaces and included key stakeholders, e.g. City of Chicago commissioners, legislators in Springfield and municipal officials.

**Director, Environmental Services,
ComEd/Exelon, Chicago, IL**

Ms. O'Toole managed all environmental activities of the corporation, including fossil and nuclear environmental compliance, distribution and transmission facility equipment compliance and relationships with all regulatory and environmental officials. Also, Ms. O'Toole managed 40M MGP remediation program.

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William S. Haas, LEED A.P.
Senior Energy and Sustainability Consultant

EDUCATION

MPA., Environmental Science and Policy, Columbia University

BA, Environmental Science, Lawrence University

HIGHLIGHTS

- Experienced Project Manager for many energy efficiency and conservation projects
- Currently serving as Project Director for the Louisiana Energy Program and Energy Efficiency and Conservation Block Grant Program
- Master's Degree in Environmental Science and Policy

REGISTRATION/CERTIFICATIONS

N/A

Relevant Experience

William S. Haas is a Senior Energy and Sustainability Consultant where he is responsible for the management and execution of energy efficiency, renewable energy and sustainability projects. With over 8 years of experience in managing complex environmental and public policy issues, Mr. Haas provides expertise in program management and design, legislative analysis and business development activities. His skills include project management and execution, incentive program and policy analysis, design and implementation, and energy performance contracting within environmental contexts. Mr. Haas is accomplished in managing projects from start to finish, beginning with identifying and securing program funding and continuing through program development, management and evaluation. Mr. Haas is also an accomplished public speaker and has participated on panel discussions and given presentations on a wide range of environmental topics.

Prior to joining Shaw, Mr. Haas served as Energy Division Representative for the Illinois Department of Commerce and Economic Opportunity where he managed energy efficiency and renewable energy grant and rebate programs, performed legislative

analysis, assisted with implementation of the state's Energy Efficiency and Renewable Portfolio Standards, and worked to develop and expand the renewable energy sector and corresponding supply chain. Prior to that, Mr. Haas was a Policy Associate with the Environmental Law & Policy Center where he conducted policy research and analysis, identified best practices, and conducted outreach activities to advance programmatic initiatives.

Mr. Haas is currently affiliated with the Chicagoland Chamber of Commerce Green Advisory Board, the Great Lakes Wind Collaborative Advisory Committee, the Great Lakes Wind Collaborative Economic Development Workgroup, the Illinois State University Renewable Energy Advisory Board, the Illinois Wind Working Group Executive Committee, the Market Barriers to Green Development Workgroup, and the Midwest Alternative Energy Venture Forum Steering Committee.

Shaw Project Experience

Project Manager, Missouri State Energy

Program, Jefferson City, Missouri, Mr. Haas manages a project to assist the Missouri Department of Natural Resources in the design, marketing and implementation of the State Energy Program (SEP) funded through the American Recovery and Reinvestment Act of 2009. Through the SEP approximately \$70 million will be provided to reduce energy use and create and retain jobs in the residential, industrial and agricultural sectors. To effectively distribute funding Shaw developed seven energy incentive programs for specific, targeted market sectors. The overall program design portfolio includes proven best practices and innovative approaches to program design.

Project Manager, Missouri Energy Efficiency and Conservation Block Grant Program, Jefferson City, Missouri, Mr. Haas manages a

project to assist the Missouri Department of Natural Resources in the design, marketing and implementation of the Energy Efficiency and Conservation Block Grant (EECBG) program funded through the American Recovery and Reinvestment Act of 2009. The program will provide approximately \$12 million in grant funding to eligible units of local government to reduce fossil fuel emissions; reduce the total energy use; improve energy efficiency, and create and retain jobs. As part of this project Shaw utilized four specific program designs to distribute funding through a competitive process.

Project Manager, Green Industry Business Development Grant Program, Chicago, IL, Mr.

Haas manages a project to assist the Illinois Department of Commerce and Economic Opportunity with the design and implementation of the Green Industry Business Development Grant Program. The program, funded through the State Energy Program, provides direct grants to support domestic renewable energy and energy efficiency adoption through the development of renewable energy and energy efficiency businesses and component manufacturers, producers of dedicated biomass crops, and the manufacturers of recycled content products.

Team Member, Louisiana State Energy Program and Energy Efficiency and Conservation Block Grant Program, Baton Rouge, Louisiana, Mr.

Hass participates on a team to assist the Louisiana Department of Natural Resources in the design, implementation, and management of the renew Louisiana programs funded through the American Recovery and Reinvestment Act of 2009. The program will distribute over \$85 million to projects that increase the utilization of energy efficiency and renewable energy technologies throughout the state of Louisiana while creating and retaining jobs.

Team Member, Commonwealth Edison, Oak Brook, Illinois, Mr. Haas Participates as a team

member on a project to increase the delivery of cost-effective energy efficiency initiatives in communities through competitive pilot projects. Directly managing the development and implementation of four communities responses. The project will address the goals of both the client and the participating communities by rapidly deploying energy efficiency programs, leveraging existing programs including the Energy Efficiency Block Grants authorized by the American Recovery and Reinvestment Act and state weatherization programs, and providing new program delivery channels. Relieved

Project Manager, American Wind Energy Association, Chicago, Illinois, Mr. Haas managed

a project to perform education and outreach activities in order to educate small manufacturers and disseminate information on the wind energy supply chain. Recognizing the significant opportunity for diversification and retooling, the project included the development of education and outreach materials, identification of manufacturing organizations, coordination of meetings and outreach events, and interfacing with local elected officials.

Project Manager, Chicago 2016, Chicago, IL, Mr.

Haas managed a project to incorporate sustainable practices into the IOC Evaluation Commission site visit. The project involved incorporating the principles of Climate Cool, Water Positive, Resource Saving, Habitat Friendly, and Legacy Sustainable into all aspects of the visit including operations, procurement, transportation, venues, and events. The project resulted in significant carbon reductions, decreased energy use, increased recycling rates, and highlight Chicago's commitment to a Blue-Green Games for an international audience.

Project Manager, Intercon Solutions, Chicago Heights, Illinois, Mr. Hass managed a project to identify and assess special funding and financing opportunities that exist for sustainability-oriented recycling and energy projects. A significant project component aligned American Recovery and Reinvestment Act opportunities with job creation and retention activities. A strategy was developed to implement identified opportunities and assist the client in strengthening their position in the electronics recycling industry and meeting the company's sustainability goals.

Team Member, Air-Energy Integration Initiative, U.S. DOE Midwest Regional Office of Energy Efficiency and Renewable Energy (EERE), Mr. Hass participated as a team member on this multi-year, multi-state initiative that focuses on quantification of beneficial air quality impact from EERE strategies and incorporation of those impacts into state air quality plans. Program was designed to support increases in both efficiency and renewable projects and increase cooperation between state air regulators and energy officials. The last phase of the project focused on modeling the impact of expanded EERE policies/programs on the State of Illinois' Climate Action Plan.

Other Relevant Experience

Energy Division Representative, Illinois Department of Commerce and Economic Opportunity

Program Manager, Renewable Energy Resources Programs Mr. Haas developed, implemented and managed the Illinois renewable energy incentive programs to encourage the utilization of renewable energy and support economic development in the state of Illinois. (20 ILCS 687 et seq.) Managed over \$5 million that was provided annually to fund projects focused on increasing the utilization of alternative energy technologies Illinois.

Team Member, Energy Efficiency Portfolio Standard, Mr. Hass participated as a team member to implement the Illinois Energy Efficiency Portfolio Standard (EEPS) that will require Illinois utilities to reduce overall electric usage by 0.2% of demand in 2008 escalating to 2.0% by 2015. When fully implemented the EEPS will provide over \$230 million in public benefit funding for electric efficiency projects in Illinois. Responsibilities included representing the Department at stakeholder meetings, program analysis and design, and public platform speaking.

Program Manager, Energy Performance Contracting Program, Mr. Hass managed the Illinois Energy Performance Contracting Program that provided public sector entities in Illinois with free technical assistance to develop performance contracts that finance energy efficiency and renewable energy improvements. Provided assistance in all phases of performance contracting and in assisting entities in the development of successful projects.

Program Manager, Renewable Energy Business Development, Mr. Hass developed the Illinois Renewable Energy Business Development Grant program to support domestic renewable energy production through the development of renewable energy businesses and component manufacturers. Utilized the program to encourage projects that developed and expanded the renewable energy sector and corresponding supply chain while improving the Illinois economy through new business development.

**Antonia Ornelas, CEM, CEA
Engineer****EDUCATION**

B.S., Electrical Engineering, University of IL at Chicago

HIGHLIGHTS

- Over 20 years of experience in the energy, environmental and utilities field
- Accomplished in managing complex energy and infrastructure projects in public and utility sectors
- Past experience includes developing and implementing City of Chicago policies and programs on a wide range of energy related matters

REGISTRATION/CERTIFICATIONS

Certified Energy Manager (CEM), AEE, 2002

Certified Energy Auditor (CEA), AEE, 2009

Relevant Experience

Ms. Ornelas has over 20 years of experience in the energy, environmental and utilities field. She is accomplished in managing complex energy and infrastructure projects in the public and utility sectors. Her areas of expertise include managing energy efficiency and renewable energy programs, critical electrical infrastructure planning, municipal and utility emergency response, and franchise and settlement agreement oversight. She has represented the City of Chicago on utility settlement agreements that have resulted in funding for energy efficiency and renewable energy programs. Regulatory work includes providing testimony at the Illinois Commerce Commission (ICC) on a variety of issues, including ComEd's advanced metering infrastructure ("AMI") pilot and participation on utility rate cases, grid interconnection rules and the State's Energy Efficiency Portfolio Standard.

While at the City of Chicago, Ms. Ornelas was active in developing and implementing City policies and programs on a wide range of energy related matters. Specific areas of work include purchasing renewable energy certificates such that the City achieve Mayor Daley's goal that 20% of the city's electricity purchases come from

renewable resources, leading a group of stakeholders tasked with developing a Renewable Energy Implementation Plan that would allow the City of Chicago to meet the renewable energy goals set in the Chicago Climate Action Plan and investigating and pursuing energy efficiency measures.

Ms. Ornelas managed since inception the Chicago Industrial Rebuild Program to assist industrial facilities become more energy efficient, the program provided grants for energy assessments and loans for energy conservation projects.

Shaw Project Experience

Team Member, Missouri State Energy Program, Jefferson City, Missouri, Team member in a project to assist the Missouri Department of Natural Resources in the design, marketing and implementation of the State Energy Program (SEP) funded through the American Recovery and Reinvestment Act of 2009. Through the SEP approximately \$70 million will be provided to homeowners and business in Missouri to reduce energy use and create and retain jobs.

**Jonathan Dierking, PE, CEM, LEED, A.P
Management Support****EDUCATION**

B.S., Mechanical Engineering , University of Colorado, Boulder

HIGHLIGHTS

- 10 years of experience managing energy efficiency, building commissioning, LEED, and sustainability projects
- Experience as municipality Energy Consultant
- Mr. Dierking specializes in developing and conducting energy efficiency initiatives, technology strategies, and sustainable design or "green" projects

REGISTRATIONS/CERTIFICATIONS

PE, Illinois

Certified Energy Manager (CEM)

FE/EIT – Engineering Certificate

Leadership in Energy and Environmental Design (LEED Accredited Professional)

Relevant Experience

As a Client Program Manager, Mr. Dierking is responsible for the program management and execution of Energy Efficiency, Sustainability and Environmental projects. Prior to joining Shaw, he served as a Manager within the Building Technology and Sustainability Group for Realfoundations, Inc., as an Energy Consultant for Sieben Energy Associates, and before that, as a Project Manager for Nexant, Inc.

Mr. Dierking has 9 years of experience in managing and executing energy efficiency, building commissioning, LEED and sustainability projects within the public and private sectors. This includes the development and execution of executive level energy efficiency and building technology strategies incorporating the assessment of market trends, opportunities and potential risks. Mr. Dierking has designed and executed numerous commissioning and retro-commissioning projects incorporating energy efficient design and LEED. He has also managed project teams in the assessment and implementation of portfolio-wide

energy management, utility management and building automation building systems. A significant amount of this experience is concentrated within the commercial, residential, industrial, and public utility sectors. Mr Dierking specializes in developing and conducting energy efficiency initiatives, technology strategies, and sustainable design or "green" projects. Current and past professional affiliations include the ASHRAE, USGBC, and the Association of Energy Engineers.

Project Experience**Darden Restaurants, National**

For one of the largest restaurant Chains in the US, Mr Dierking developed, managed and implemented portfolio-wide comprehensive energy audits. Performed site assessment of building systems to develop and define energy cost reduction measures, utility commodity management opportunities, and cost analysis emphasizing clients' return on investment. The program resulted in the development of a Darden Corporate Energy Management Plan. As a result of the Comprehensive Energy Management Strategy, Mr. Dierking's team identified specific projects and programs resulting in a potential energy cost savings of \$24.9 Million per year. The estimated total potential energy cost savings for the portfolio of restaurants represent an approximate 13% reduction in Darden's total portfolio energy costs.

Louisiana DNR State Energy Program, Baton Rouge Illinois

Mr. Dierking lead the Shaw Clean energy team in the design and development of the Louisiana Department of Natural Resources (DNR) State Energy Program (SEP). The program was designed to disperse \$71 Million in federal stimulus dollars throughout the State of Louisiana to support the implementation of energy efficiency projects, create jobs and stimulate the economy. The Program included designing and implementing an ENERGY STAR Appliance Rebate program, a State Buildings

energy efficiency program, a Home Energy Rating Opportunity program and renewable and efficient transportation grant funding initiatives.

Project Manager, Missouri State Energy Program, Jefferson City, Missouri

Manages a project to assist the Missouri Department of Natural Resources in the design, marketing and implementation of the State Energy Program (SEP) funded through the American Recovery and Reinvestment Act of 2009. Through the SEP approximately \$70 million will be provided to homeowners and business in Missouri to reduce energy use and create and retain jobs.

Florida Fish and Wildlife Commission, Florida

Mr Dierking developed, managed and implemented portfolio-wide comprehensive energy audits for the Florida Fish and Wildlife Commission (FWC). He performed site assessment of building systems to develop and define energy cost reduction measures, utility commodity management opportunities, and cost analysis emphasizing FWC's return on investment. The assessment also included water and waste audit activities. The program goal was to identify energy efficiency projects that could be competitively bid through a Request for Proposal (RFP) process to Energy Service Companies. Mr. Dierking developed the scope of services and specifications for the RFP based on the energy audit project findings. Shaw is currently supporting FWC with the implementation of the RFP.

ComEd Community Energy Challenge, Commonwealth Edison (ComEd), Chicago IL

Manages project focused on aligning ComEd and State of Illinois energy efficiency incentives and programs with local climate action and sustainable development plans. Project includes the alignment of efficiency incentives with the City of Chicago Climate Action Plan and development of a competitive energy challenge for northeastern Illinois communities outside of Chicago. The

energy challenge is currently being piloted in 12 municipalities and is modeled after best practice examples of community energy initiatives from across the country.

Energy Conservation Code, City of Chicago, Chicago, IL

Led a team to evaluate current Chicago energy code, proposed a revised version to enhance code performance and simplified the code. Based on IECC 2006, the new code includes amendments tailored to Chicago specifics including heat island effect provisions. The existing and proposed code were tested against building permit record to estimate potential energy savings and carbon emission reductions across the City over three time horizons: 2012, 2020, and 2050.

Illinois Department of Commerce and Economic Opportunity – SEDAC Program, IL

Mr. Dierking program managed the execution of facility energy audits for commercial and industrial sector buildings throughout the State of Illinois for the Smart Energy Design Assistance Center with funding through the Department of Commerce and Economic Opportunity. The energy audits included detailed technical assessments of building and operational systems, utility bill analysis, and renewable energy technologies.

Work output from the assessments included analysis reports identifying low-cost/no-cost and capital improvement energy efficiency recommendations detailing energy usages reductions, installation costs, and financial return on investment savings estimates. The analysis reports also identified potential state and national energy efficiency grant/incentive funding and tax incentives available to support equipment upgrade initiatives.

Commissioning and LEED services, United Neighborhood Organization (UNO), Chicago, IL

UNO hired Shaw to help it make its schools more environmentally sustainable. Shaw is using the LEED rating system to identify and integrate “green” design elements that will increase energy efficiency, decrease water consumption and minimize environmental impact on the land, while earning each school a minimum LEED Silver rating. In addition, Shaw is serving as Commissioning Agency for Archer Heights School. Mr Dierking is serving as the Commissioning Agent and assists in the development of LEED documentation.

Commissioning and LEED services, Devon Bank, Wheeling, IL

Shaw was hired to help Devon Bank identify green building options for a new branch bank in Wheeling, IL by assisting the design team in implementing green building opportunities. Additionally, Shaw is serving as Commissioning Agency for the project. Mr Dierking is serving as the Commissioning Agent and assists in the development of LEED documentation.

Manager, Portfolio-level Energy Analysis, Confidential Client, Santa Monica, CA

For one of the largest retail REITS in the US, Mr Dierking developed, managed and implemented portfolio-wide comprehensive energy audits. Performed site assessment of building systems to develop and define energy cost reduction measures, utility commodity management opportunities, and cost analysis emphasizing clients’ return on investment.

Manager, Technology Assessment, Confidential Client, New York, NY

Mr. Dierking performed project management of technology solution implementation for distinguished east coast property developer/owner. Also, Mr. Dierking executed technology assessment leading to the implementation of building technology solutions including apartment

automation and utility management software and hardware. Mr. Dierking also performed project management of the implementation of these solutions to manage vendors and client resources.

Manager, Technology Assessment, Confidential Client, New York, NY

Mr. Dierking performed technology strategy assessment for east coast high-rise hotel/apartment owner. Successful comprehensive strategy focused on energy efficiency, telecommunication, access control and utility management building technologies. Mr. Dierking’s recommendations detailed integration of building systems for operational and energy efficiency improvements.

Project Engineer, Energy Strategy, Confidential Client

Developed and implemented corporate wide energy risk aversion strategy, for one of the leading national electric utility providers. Developed innovative business, media, and technical based energy intensive solutions designed to mitigate the negative political, consumer, and infrastructure impact from an upcoming market restructuring.

Project Engineer, Energy Assessment, Confidential Client, Chicago, IL

Mr. Dierking led engagements focusing on identifying and implementing energy efficient building system and technology improvements, selecting and implementing technology-based solutions for HVAC, lighting, and building automation systems. Performed engineering calculations determining systems return on investment.

Project Engineer, Energy Standardization, Confidential Client, Chicago, IL

Created unified energy management standards, policies, processes and procedures for a state-wide association of college and universities resulting in a cost effective platform for developing and maintaining energy efficient facilities.

Project Engineer, Commissioning, Confidential Client, Chicago, IL

Designed and executed commissioning and retro-commissioning plans, for numerous building construction projects incorporating energy efficient and engineering design and review.

Project Engineer, LEED, Confidential Client, Chicago, IL

Mr. Dierking managed the design and implementation of Leadership in Energy and Environmental Design (LEED) into numerous building construction projects. Lead the owner, architectural and engineering team members through the LEED process successfully achieving certified or silver building status.

Project Engineer, LEED, Confidential Client, Chicago, IL

Developed and deployed energy efficiency grant funding programs, for a national utility supplier. Created and implemented measurement and verification plans to quantify and track energy savings and project

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**Catalina Lamadrid
Consultant****EDUCATION**

MBA, Illinois Institute of Technology
 MS, Environmental Management & Sustainability,
 Illinois Institute of Technology
 BCE, Instituto Tecnológico y de Estudios Superiores de
 Monterrey (ITESM), Monterrey, México

HIGHLIGHTS

- Ms. Lamadrid has over four years of experience in working with sustainability and energy projects
- Accredited LEED AP and a certified Greenhouse Gas Inventory Quantifier
- Experience designing and administering energy efficient, renewable energy and transportation programs at the state and local government level

REGISTRATION/CERTIFICATIONS

Registered LEED A.P.

Relevant Experience

Ms. Lamadrid is degreed in business administration and environmental management, and has over four years of experience in working with sustainability and energy projects.

At Shaw, Ms. Lamadrid provides support in the evaluation of opportunities for the private sector in the areas of energy efficiency, greenhouse gas inventories, renewable energy, and green buildings. In the public sector, Ms. Lamadrid has experience designing and administering energy efficiency, renewable energy and transportation programs at the state and local government level. Her experience also includes compliance with State and Federal regulations, compliance with requirements specific to the American Recovery and Reinvestment Act of 2009, drafting grant agreements and other legal documents, conducting marketing and outreach, and performing risk assessments and monitoring of Subgrantees.

Ms. Lamadrid is an accredited LEED AP (Leadership in Energy and Environmental Design Accredited Professional) and a certified Greenhouse Gas Inventory Quantifier. In addition,

Ms. Lamadrid is licensed as a Chemical Engineer in Mexico, and has experience working for a chemical manufacturing company.

Shaw Project Experience

Team Member, Missouri State Energy program, Jefferson City, MO, Ms. Lamadrid participates in a project to assist the MO DNR in the design, marketing and implementation of the State Energy program (SEP) funded through the American Recovery and Reinvestment Act of 2009. Through the SEP approximately \$70 million will be provide to reduce energy use and create and retain jobs in the residential, industrial and agricultural sectors. To effectively distribute funding Shaw developed seven energy incentive programs for specific targeted market sectors. The overall program design portfolio includes proven best practices and innovative approaches to program design. Ms. Lamadrid is primarily responsible for QA/QC of all deliverables and public documents, as well as coordination of the residential and industrial initiatives.

Team Member, Missouri Energy Efficiency and Conservation Block Grant Program, Jefferson City, MO, Shaw provides comprehensive design, implementation, oversight, monitoring, and program management expertise for the Energy Efficiency Conservation Block Grant (EECBG) Program funded through the American Recovery and Reinvestment Act of 2009. The program will provide approximately \$12 million in grant funding to eligible units of local government to conduct energy efficiency retrofits for the public sector including public buildings and water and wastewater treatment facilities, conduct rehabilitation of downtown areas via a "green streets" initiative, establish programs to support building code enforcement, and install on-site renewable energy generation systems on public

buildings. Ms. Lamadrid is primarily responsible for coordinating monitoring of Subgrantees.

Team Member, Louisiana State Energy Program and Energy Efficiency and Conservation Block Grant, Baton Rouge, LA, Participates in a team to assist the Louisiana Department of Natural Resources in the design, implementation and management of the renew Louisiana programs funded through the American Recovery and Reinvestment Act of 2009. The program will distribute over \$85 million to projects that increase the energy efficiency and renewable energy technologies throughout the state of Louisiana while creating and retaining jobs.

Team Member, INTREN, Chicago, IL, The project included developing educational material and offering strategic advice for a trenching and construction company looking to get into the field of wind energy. Matching of the company's capabilities with the wind industry requirements was necessary to provide INTREN with an overview of how its skills and services would need to be tailored to apply its business strategy to this industry.

Sustainability Consultant, Chicago 2016, Chicago, IL, Ms. Lamadrid provided assistance to the Chicago 2016 organization in incorporating sustainable practices into the International Olympic Committee (IOC) Evaluation Commission site visit. The project involved incorporating the principles of Climate Cool, Water Positive, Resource Saving, Habitat Friendly, and Legacy Sustainable into all aspects of the visit including operations, procurement, transportation, venues, and events. The project will resulted in significant carbon reductions, decreased energy use, increased recycling rates, and highlighted Chicago's commitment to a Blue-Green Games.

LEED Consultant, Belmont Cragin, Chicago IL, 2009, Shaw was hired to help develop green building concepts and strategies for a new Chicago Public School as well as to provide assistance with the LEED evaluation and documentation. Shaw is using the LEED rating system to identify and integrate "green" design elements that will increase energy efficiency, decrease water consumption and minimize environmental impact, while earning the school a minimum LEED Silver rating. Ms Lamadrid provides assistance in the development of LEED documentation.

Team Member, Air-Energy Integration Initiative, U.S. Department of Energy and Illinois Department of Commerce and Economic Opportunity, Chicago, IL, Multi-year, multi-state project that focuses on local and regional air quality impacts from state RPS/EPS policies. Used economic dispatch modeling to quantify and locate generation and emissions reductions for multiple pollutants across a multi-state area. Currently enhancing and standardizing that approach into a methodology and tool to be used by state energy and air decision makers to assess the impact of existing or proposed EERE policies and programs on air quality.

Other Relevant Experience

Research Assistant, Stuart School of Business - IIT, Chicago, Illinois, Ms. Lamadrid was responsible for conducting research projects for the Stuart School of Business, including identification of grant opportunities for expanding the school's Environmental Management program to other countries, opportunities to incorporate green building practices into the school's facilities, and compiling case studies and best practices. In addition, Ms. Lamadrid participated as lead consultant for an organic foods start-up looking to raise seed money for expanding its business operations. Her responsibilities included developing

a business plan, advising on a business model, and producing support material for potential investors. Ms. Lamadrid was also involved in advising a waste-to-energy start-up, and assisting a distributor of solar-powered lighting equipment with the development of a marketing strategy.

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**Kris to fer Kiszynski, LEED AP
Sustainability Solutions****EDUCATION**

MS, Chemical Engineering, Illinois Institute of Technology, Chicago, IL

BS, Mechanical Engineering, Washington University, St. Louis, MO

HIGHLIGHTS

- 10 years of experience in managing and implementing building commissioning, LEED, and sustainability projects within the public and private sectors
- LEED Accredited Professional
- Master's Degree in Chemical Engineering and Bachelor's Degree in Mechanical Engineering

ADDITIONAL TRAINING

Leadership in Energy and Environmental Design (LEED) Accredited Professional

Relevant Experience

Mr. Kiszynski has over six years of experience in energy efficiency and sustainable energy projects including five years of research in the field of renewable energy. Prior to joining Shaw, he worked as a research associate at Illinois Institute of Technology. There he worked on wind energy studies, high pressure hydrogen storage systems and hydrogen combustion research. His work as a research assistant at IIT focused on minimizing the cost of off-grid renewable energy systems with high availability.

At Shaw, Mr. Kiszynski provides sustainability consulting services including building commissioning, energy modeling, performing energy audits and evaluating energy efficiency opportunities.

Project Experience**Darden Restaurants, National**

For one of the largest restaurant Chains in the US, Mr Kiszynski supported the implementation of a portfolio-wide comprehensive energy audits project. He performed site assessment of building systems to develop and define energy cost

reduction measures, utility commodity management opportunities, and cost analysis emphasizing clients' return on investment. The program resulted in the development of a Darden Corporate Energy Management Plan. As a result of the Comprehensive Energy Management Strategy, Mr. Kiszynski's team identified specific projects and programs resulting in a potential energy cost savings of \$24.9 Million per year. The estimated total potential energy cost savings for the portfolio of restaurants represent an approximate 13% reduction in Darden's total portfolio energy costs.

Florida Fish and Wildlife Commission, Florida

Mr Kiszynski supported the implementation of a portfolio-wide comprehensive energy audit project for the Florida Fish and Wildlife Commission (FWC). He performed site assessment of building systems to develop and define energy cost reduction measures, utility commodity management opportunities, and cost analysis emphasizing FWC's return on investment. The assessment also included water and waste audit activities. The program goal was to identify energy efficiency projects that could be competitively bid through a Request for Proposal (RFP) process to Energy Service Companies. Mr. Kiszynski developed the scope of services and specifications for the RFP based on the energy audit project findings. Shaw is currently supporting FWC with the implementation of the RFP.

International Energy Conservation Code, Municipal Mayors Caucus, Chicago, IL

Mr. Kiszynski performed an evaluation of the International Energy Conservation Code (IECC), which compared the energy and construction cost implications that would result from the adoption of the IECC 2003, 2006 and 2009 versions. Using eQuest energy modeling software, a 2,400 sq ft home in the Chicago area was modeled. Findings were presented members of the Mayors Caucus.

Illinois Department of Commerce and Economic Opportunity – SEDAC Program, IL

Mr. Kiszynski performed energy audits for commercial and industrial sector buildings throughout the State of Illinois for the Smart Energy Design Assistance Center with funding through the Department of Commerce and Economic Opportunity. The energy audits included technical assessments of building and operational systems, utility bill analysis, and renewable energy technologies.

Reports resulting from the audits included analysis identifying low-cost/no-cost and capital improvement energy efficiency recommendations specifying energy use reductions, energy cost savings, installation costs, and financial return on investment. The analysis reports also identified potential state and national energy efficiency grant/incentive funding and tax incentives available to support equipment upgrade initiatives.

Team Member, Portfolio Level Energy Analysis, Confidential Client, Orlando, FL

Mr. Kiszynski helped to develop a portfolio level energy strategy for a large full-service restaurant company. Mr. Kiszynski conducted several on-site energy audits to identify opportunities for energy savings and developed energy cost reduction measures.

Commissioning Agent, United Neighborhood Organization (UNO), Chicago, IL

UNO hired Shaw to help it make its schools more environmentally sustainable. As part of its role as LEED consultant, Shaw is performing commissioning services to confirm that the building is operating in accordance with its design intent. Mr. Kiszynski is serving as one of the Commissioning Agents on the project.

Commissioning Agent, Aurora PHQ, Aurora, IL

Mr. Kiszynski developed prefunctional and functional testing checklists and procedures. Conducted testing on several building systems and produced deficiency log summarizing findings of commissioning process.

Commissioning and LEED services, Devon Bank, Wheeling, IL

Shaw was hired to help Devon Bank identify green building options for a new branch bank in Wheeling, IL by assisting the design team in implementing green building opportunities. Additionally, Shaw is serving as Commissioning Agency for the project. Mr. Kiszynski is serving as the Commissioning Agent and assists in the development of LEED documentation.

Research Associate, Illinois Institute of Technology, Chicago, IL

Mr. Kiszynski led a team responsible for reviewing all campus operational practices in order to reduce waste generation, resource use and operational costs. These included rainwater management study, water conservation study, solar thermal and photovoltaic panel feasibility studies and study of operation of vehicle fleet. Designed and helped to implement a campus wide recycling program.



Fire Department Registration Form Rapid Entry SupraSafe System

**Please mail this form to the address at the bottom of the page.
Faxed and emailed forms will be verified.**

PLEASE PRINT OR TYPE

Date: _____

Department or Agency: _____ Population Served: _____

Street Address: _____ Phone: _____

City: _____ State: _____ Zip: _____

Program Official: _____ Title: _____

Email: _____ Fax: _____

The number of keys currently assigned to your department: _____ KeyCode: _____

Do you have a current ordinance or by-law requiring a KeyBox Entry System. Please attach a copy to this form. If your department is Tax Exempt, please also attach a copy of your federal tax exempt form, so that we don't charge you tax on future orders.

All keys are provided free of charge to the Fire Department and will only be sent to an authorized Fire Department Officer or Representative listed below. Signatures on this form will be used to verify all Rapid Entry Orders. All orders submitted to Supra must have an authorized signature on file that matches those on this form.

This form must be updated annually or as changes in department leadership or representatives occur. Fire departments can notify Supra of changes to this list on official agency letterhead or resubmitted on this form.

AUTHORIZED SIGNATURES FOR KEYS & FORMS

POSITION	PRINTED NAME	SIGNATURE

Supra, a UTC Fire & Security Company
4001 Fairview Industrial Way
Salem OR 97302
Bob Cox, National Account Manager
1 -866-876-1024
Fax: 503-375-9381
Robert.Cox@fs.utc.com



Fire Department Registration Form Rapid Entry SupraSafe System

**Please mail this form to the address at the bottom of the page.
Faxed and emailed forms will be verified.**

PLEASE PRINT OR TYPE

Date: _____

Department or Agency: _____ Population Served: _____

Street Address: _____ Phone: _____

City: _____ State: _____ Zip: _____

Program Official: _____ Title: _____

Email: _____ Fax: _____

The number of keys currently assigned to your department: _____ KeyCode: _____

Do you have a current ordinance or by-law requiring a KeyBox Entry System. Please attach a copy to this form. If your department is Tax Exempt, please also attach a copy of your federal tax exempt form, so that we don't charge you tax on future orders.

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Village of Hoffman Estates

Report of Activity

December
2010

POLICE DEPARTMENT MONTHLY REPORT

PATROL DIVISION ACTIVITY REPORT

On 09 December Officer Michael Turman conducted a routine traffic stop on a vehicle for an extremely loud muffler. Upon contact with the driver Officer Turman noticed a strong odor of fresh cannabis emitting from within the vehicle. A computer check of the driver revealed that his driving privileges were revoked. The driver exited his vehicle and was placed under arrest. During a search of the vehicle, Officer Turman discovered 40 grams of cannabis within the center console. The driver was charged with Driving on a Revoked Drivers License and one felony count of Possession of Cannabis.



On 12 December Officer Reichel and Officer Jones responded to a stabbing on the 1700 block of Marquette Lane. Upon arrival they were greeted by a resident who put his hands up in the air and said, "Take me to jail." Upon further investigation it was learned that the same subject became involved in an argument with his son while watching the Chicago Bears game on television and stabbed his son in the right foot with a steak knife. The bloody knife was recovered, the scene was processed and the offender was arrested and turned over to Detective Ouimette who was able to file Aggravated Battery charges against the offender.

On 19 December Second Watch Officers on routine patrol observed a parked vehicle that matched the description of a hit and run. After reviewing evidence left at the crash site, Officers interviewed the owner. During the interview the owner admitted his involvement of the crash and proper enforcement action was taken.

On 20 December 2010 Officer Zaba stopped a vehicle for speeding in the area of Golf Road and Higgins Road. Upon speaking with the driver he observed a strong odor of burnt cannabis coming from within the passenger compartment of the vehicle. During this investigation the driver admitted to smoking cannabis prior to being pulled over. Officer Donohue and his K-9 partner Bundo performed a search which resulted in the recovery of 63 grams of cocaine and 6 grams of cannabis. Over \$2,000 USC was also recovered. Four subjects from the vehicle were arrested and each charged with felony Possession of Cocaine with the Intent to Deliver.

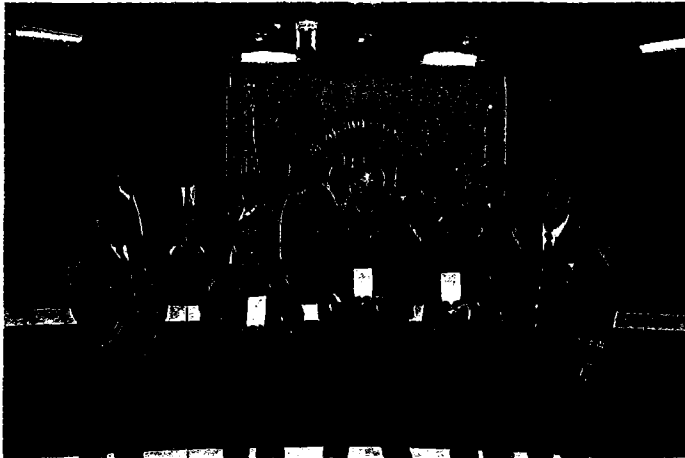
On 24 December Second Watch Officers responded to a suspicious auto call in the Berkshire apartment complex. Upon locating the vehicle, Officers interviewed the owner. It was discovered that the vehicle was seen removing items from another vehicle in the complex. The owner was identified and the stolen property was recovered. Officers conducted an interview where the owner confessed to the theft as well as crimes committed in Schaumburg. Proper enforcement action was taken and Schaumburg Police Department was notified.

(Continued on page 2)

PATROL DIVISION REPORT CONT...

In association with December Drunk and Drugged Driving prevention month. Sgt. Mueller developed a one page informational flyer detailing the DUI crackdown. Sgt. Mueller and Sgt. Felgenhauer visited each liquor establishment in town and handed the flyer to each manager. The Sergeants talked with each manager and requested their assistance in preventing impaired drivers from getting behind the wheel.

LIFESAVING AWARDS



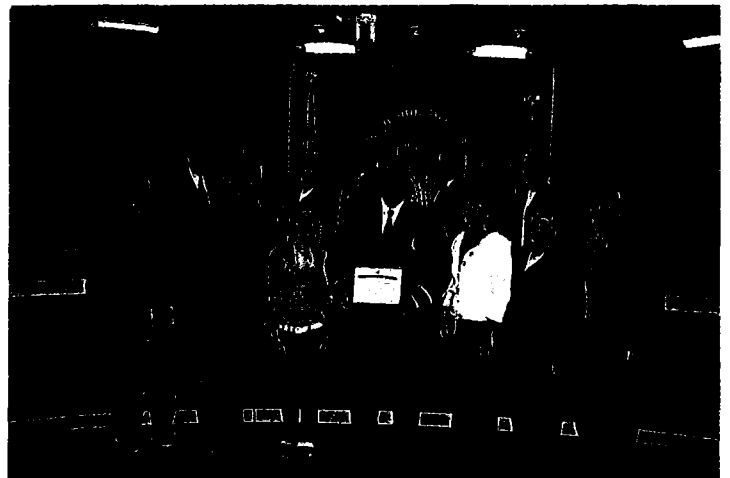
On 03 January 2011 Officer Christina LaFrancis, Officer Kevin Doherty, and Officer Dan Donohue received life saving awards for their immediate response and life-saving efforts.

On 21 January 2009, Officers LaFrancis, Doherty and Donohue responded to a call of an unresponsive person. Upon arriving on the scene the Officers evaluated the situation and upon determining that the person had stopped breathing and had no pulse, they performed CPR and utilized the AED. Their actions were responsible for saving this life.

On 03 January 2011 Sergeant Dornbos received a life-saving award due to his quick thinking and heroic actions.

On 23 September 2010 Sergeant Dornbos was on routine patrol when he observed smoke coming from a Streamwood residence. Sergeant Dornbos entered the burning residence and assisted an elderly occupant to safety.

(Sergeant Dornbos pictured to right.)



CANINE UNIT REPORT

During the month of December, Officer Donohue and his K-9 Partner Bundo performed 6 vehicle searches, 2 residential narcotics searches, cleared 1 residence, and gave 1 presentation for a total of 10 calls for the month. Officer Donohue and his K-9 Partner Bundo also assisted the Roselle Police Department with a school search at Lake Park High School, the Elmhurst Police Department with a school search at York High School, and the Addison Police Department with a school search at Addison Trail High School.

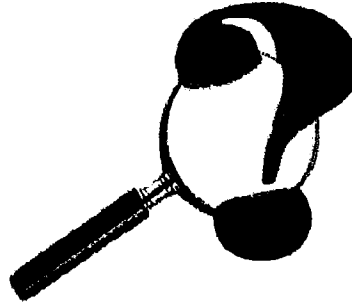


INVESTIGATIONS DIVISION REPORT

On 08, 16, and 27 December, Detective Ouimette conducted financial crime presentations for the healthcare professionals at the Devonshire in Hoffman Estates and the New Beginnings Club at St. Hubert's Church. The presentations covered common financial crimes and scams and educated the attendees on how to best protect themselves from being victimized.

On 22 December Detective Cawley assisted the Tactical Division in an undercover capacity to conduct a narcotics take down operation in the SAMC parking lot. Inves-

tigation led officers to that location and were advised that a delivery of a substantial amount of cocaine would be dropped off at that location. Surveillance was established in the parking lot and the suspect arrived and met with the undercover officer. The subject was subsequently arrested and charged with two counts of Class X Felony Manufacturing and Delivery of Cocaine.



JUVENILE INVESTIGATIONS REPORT

On 08 December Sergeant Crimmins assisted St. Alexius Medical Center with an infant abduction drill. The drill was extremely realistic in that employees were not advised ahead of time that this was a drill. A hospital employee attempted to remove a doll with electronic tags from the secure areas. Hoffman Estates Police Officers were inside the hospital as well as in the parking lot perimeter. This drill was extremely successful.

TACTICAL UNIT REPORT

On 02 December Sergeant Scaccianoce, Tactical Officer Stoy, Tactical Officer Teipel, and Tactical Officer Tenuto, with assistance from the Patrol Division and Detectives, executed a search warrant obtained on an Area 4 residence. The warrant was executed without incident and yielded positive results. Officers recovered a felony amount of cannabis, drug paraphernalia, and \$980 USC which is pending forfeiture. The target of this investigation was arrested and charged accordingly with felony narcotics violations.

On 07 December Sergeant Scaccianoce met with members of the Community Resource Center located at 700 Salem to prepare for a gang presentation to be given to staff members and residents of the buildings.



On 29 December the Tactical Unit received information of an Area 2 residence requiring gang intervention with a juvenile who resides at the residence. Officers responded to the residence and spoke with the parent who gave officers consent to search the juvenile's room. Investigation uncovered the juvenile to have a BB gun, alcohol and signs of gang involvement in the room. The BB gun was turned over to Officers by the parent and no other charges were filed. The parent was advised of juvenile procedures and appreciated the Officers' advising her of her child's involvement with gangs and other activities.

COMMUNITY RELATIONS / CRIME PREVENTION

During the month of December, the Community Relations section participated in and facilitated the following events:

Officer Whited taught D.A.R.E. lessons 7 and 8 at John Muir Literacy Academy and Timber Trails Elementary. Officer Whited also taught lessons 6 and 7 at Thomas Jefferson School and lessons 3 and 4 at MacArthur School.

Officer Notornicola was a guest reader for the sixth graders at Lakeview School.

Officer Whited, Officer Fernandez, Citizen Police Academy Alumni and the Explorers

participated in the first Special Olympics of Illinois' Officers and Omelets at Denny's Restaurant. The total amount raised was \$800.00 USC.



Officer Whited gave a tour and presentation to a group of boy scouts.

Officer Whited assisted day shift with reports on a couple of occasions.

Officer Whited was a guest judge for the Science Fair at John Muir Literacy Academy.

Officer Whited attended the Illinois School Resource Officer Association monthly meeting at Normal Police Department.

Officer Whited attended the John Muir Literacy Academy Breakfast Club on six occasions.

There were two Explorer meetings.



Cub Scouts

Girl Scouts workshop

Computer classes

Children's Art Class

"Happenings at the CRC"

GRAND OPENING

Library Literacy

Adult ESL classes

Scout Reach Program

Promise to Play

Teen Center activities planned

PROBLEM ORIENTED POLICING

During the month of December, Officer Caceres coordinated the annual holiday party at the Community Resource Center. Officer Caceres installed two child safety seats. Officer Caceres provided liquor servers training.

Extra patrol was assigned in the Salem Ridge complex and Steeple Hill / Highland Crossing Condominiums. Crime Hazard alerts were sent out to residents.

COMMUNITY RESOURCE CENTER

On 08 December, the Community Resource Center opened it's doors at the new Police Department in conjunction with District 54. The addition of this space will help facilitate many of the "Happenings at the CRC."



TRAFFIC SECTION REPORT

On 03 December, Officer Marak was assigned to a hit and run crash which occurred on Barrington and Bode Road. The follow up investigation led to the arrest of the 16 year old Streamwood driver of the offending vehicle.

On 11 December, Officer Wondolkowski assisted with the 2010 annual "Shop With a Cop" event.



On 15 December, Officers Thomas and Wondolkowski attended the Illinois Department of Transportation Truck Permit Conference in Schaumburg.

On 16 December, the Traffic Section and Patrol Watch 2 and 3 conducted a TARGET Special Enforcement in the area of Higgins Road and Hoffman Estates High School for "Scott's Law" violations. Twenty-one total citations were issued.

On 23 December Officer Thomas assisted with traffic control and Officer Wondolkowski completed Honor Guard duties for the wake of Hoffman Estates Park District Commissioner Scott Triphahn.

Traffic Section members completed the department in-service training and firearms qualifications on December 3 and 10.

Officer Thomas investigated 33 vehicles of the second division and issued 2 citations for safety and equipment violations.

Officer Wondolkowski instructed a training course for "Train the Trainer-Concepts and Principles in Conducting Standardized Field Sobriety Testing" at the Orland Park Police Department.

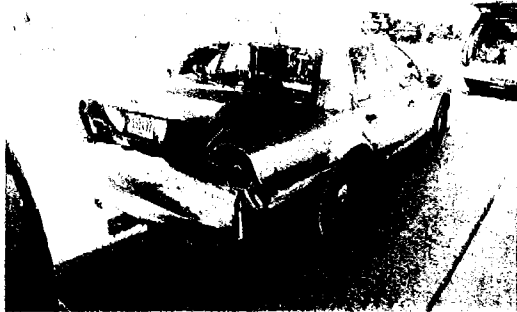
Sergeant Dornbos attended K-9 training with the K-9 training group on 14 December in Lombard.

	December 2010	YTD 2010	YTD 2009
Licenses Issued	54	167	95
License Fees	\$2120	\$8,315	\$5,410

The Traffic Section followed up on 15 hit and run or incomplete crashes, completed 54 chauffeurs license applications, 1 stop arm violation, and 6 abandoned autos.

TARGET Special Enforcement





Recently, Officer Thomas was sitting in traffic on Rt. 59 in his squad car when a semi tractor-trailer smashed into a large box truck, pushing the box truck into Officer Thomas' squad car and then pushing the squad car forward into 2 other cars. Officer Thomas was not injured because he was wearing his seat belt. He was presented the Saved By The Belt Award by Asst. Chief Casstevens.

STAFF SERVICES DIVISION REPORT

A number of projects and programs were completed and continued in the Special Services Division during November. Some of these included:

- Sgt. Poulus attended monthly NIPAS training.
- Sgt. Poulos attended 'Police Executive Role in the 21st Century' training.
- Quarterly in-service training for all sworn personnel was held.
- The 21st session of the Citizen Police Academy continues.

- Harper College student Jason Larson completed his 14th week internship.

Training hours for December totaled 891.25 which included 643.25 hours of in-service / roll call training. The 2010 year-to-date training hours total 10,381.25.

ADMINISTRATIVE SERVICES REPORT

Some of the duties and activities ASO Chris Moore completed this month were:

- 164 new evidence items inventoried
- 28 items sent to the lab
- 25 items returned from the lab
- 11 items returned to the owner

ASO Moore continued work on the new property room with permanent locations for items. A drying cabinet was ordered for evidence technician. Stacey will be in charge of training and ordering supplies for evidence technicians.



PROPERTY ROOM

Total YTD items inventoried	1,684
Total YTD items sent to lab	439
Total YTD items returned from lab	442
Total YTD items returned to owner	87
Total YTD transfers handled	19,431

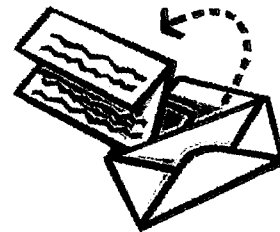


Letters of Appreciation

Dear Acting Chief Hank

On December 15, Chief John Koziol of the Palatine Police Department stated:

"I would like to take this opportunity to thank **Sergeant Greg Poulos** for assisting the Palatine Police Department with the successful execution of a search warrant on October 21, 2010. The Palatine Police Department obtained a search warrant in the 1700 block of North Rose after having completed an investigation into illegal drug activity taking place inside the residence. We had also received intelligence that the target was also a fence where burglary proceeds were being sold, in addition to being in possession of a firearm. Lastly, we learned that the target was a self-admitted Insane Gangster that had in the past shot a gun at the Chicago Police Department undercover narcotics officer. The target was shot by the officer. Based upon this information, The Palatine Police Department requested the assistance of the Northern Illinois Police Alarm System Emergency Response Team (NIPAS) to execute the search warrant. The search warrant was successfully and safely executed by NIPAS. The target was charged with unlawful possession of cannabis. We were also able to recover proceeds from burglaries inside the home that eventually led to the arrests of other defendants. Again, please thank your officer for his professionalism and dedication to the citizens we all serve."



On December 21, **Jon Pascal of Krav Maga Worldwide, Inc., Force Training Division** wrote:

"From November 1-5, 2010, we conducted a Krav Maga Defensive Tactics Law Enforcement Instructor Certification Course at the Hoffman Estates Police Department in Hoffman Estates, IL. During this course I had the pleasure of working with **Sergeant Gregory Poulos**. I was very impressed by his professionalism, dynamic work ethic and commitment to excellence in training. During my 15 years of defensive tactics training, I have taught personnel from over 500 agencies and academies throughout the United States. Your agency should be proud to have sent Sergeant Poulos as a representative. During his physically demanding course I saw his passion and uncompromising commitment to bringing the very best in law enforcement training to your agency personnel as exemplified by his hard work throughout the week."

**Administrative Adjudication Hearings
December, 2010**

Hearing Date	Type	Police Violations	Code Violations	Paid at Hearing					Compliant/Dismissed	Continued	No-Shows (approximate)	Grand Total
				Cash	Check	Charge	Pmt Due	Total				
12/6/2010	1st Hearing	324	0	5 \$ 230.00	4 \$ 450.00	5 \$ 230.00	5 \$ 210.00	19 \$ 1,120.00	122	7	176	324
Total tickets issued with this as first hearing date:				765					% of tickets issued: 2.5% 15.9% 0.9% 23.0% 42.4%			
	2nd Hearing	101	2	0 \$ -	0 \$ -	0 \$ -	0 \$ -	0 \$ -	11	22	70	103
	Total	425	2	5 \$ 230.00	4 \$ 450.00	5 \$ 230.00	5 \$ 210.00	19 \$ 1,120.00	133	29	246	427
Defendants with 10-or-more violations:				0					0			
0 defendants pursued this month				\$ -					0			
12/20/2010	1st Hearing	327	68	6 \$ 240.00	2 \$ 100.00	6 \$ 480.00	5 \$ 230.00	19 \$ 1,050.00	114	5	257	395
Total tickets issued with this as first hearing date:				590					% of tickets issued: 3.2% 19.3% 0.8% 43.6% 66.9%			
	2nd Hearing	134	0	0 \$ -	1 \$ 30.00	4 \$ 140.00	4 \$ 300.00	9 \$ 470.00	14	1	110	134
	Total	461	68	6 \$ 240.00	3 \$ 130.00	10 \$ 620.00	9 \$ 530.00	28 \$ 1,520.00	128	6	367	529
Monthly Total	1st Hearing	651	68	11 \$ 470.00	6 \$ 550.00	11 \$ 710.00	10 \$ 440.00	38 \$ 2,170.00	236	12	433	719
	2nd Hearing	235	2	0 \$ -	1 \$ 30.00	4 \$ 140.00	4 \$ 300.00	9 \$ 470.00	25	23	180	237
	Total	886	70	11 \$ 470.00	7 \$ 580.00	15 \$ 850.00	14 \$ 740.00	47 \$ 2,640.00	261	35	613	956

Total Tickets Issued - Nov-10

1028	26
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Total Citation Revenue - Nov-10

\$51,236

Total Citation Revenue - Year-to-date 2010

\$468,576

Total Tickets Issued - Nov-09

1080	39
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Total Citation Revenue - Nov-09

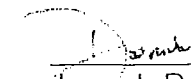
\$37,213

Total Citation Revenue - Year-to-date 2009

\$521,839

Michael Hish, Chief of Police
 Traffic Section Monthly Report – December 2010
 January 5, 2010 Page 3

	December 2010	Year-to-Date 2010	Year to Date December 2009
Trucks Investigated: Traffic Section	65	893	309
Truck Fines: Traffic Section	\$0	\$153,993	\$33,616
Truck Permit Fees	\$210	\$4,660	\$4,340
Chauffeur Licenses Issued	54	167	157
Chauffeur License Fee	\$2,120	\$8,315	\$8,070
Child Seats Received	0	0	0
Child Seats Handed Out	0	0	0
Child Safety Seats Inspected	0	58	141
Citations Issued:			
Speed Related Violations	65	1292	1,364
Seat Belt Violations	24	818	924
Child Restraint Violations	4	18	24



 Joseph Dornbos, Sergeant
 Traffic Section

2010
Hoffman Estates Police
Special Enforcement Tracking Sheet

DATE (S)	LOCATION	PROBLEM	RESULTS	TOTAL HOURS	UNITS ASSIGNED
1/14/10	Sutton Road / Hoffman Blvd.	State Scales	2 – Overweight Violations 1 – Suspended DL arrest \$1,600 in fines	3 Hours	Traffic
1/25/10	Rte. 59 – Hoffman Blvd.	State Scales	1 – Overweight violation \$450.00 in fines	3 Hours	Traffic
2/2/10	Rte. 59 – Hoffman Blvd.	State Scales	Cancelled due to weather	0 Hours	Traffic
2/16/10	Golf – Gannon	TARGET	8 – Speeding citations 1 – Seat belt citation 1 – Equipment violation	3 Hours	Patrol Watch II, Traffic
2/17/10	Rte. 59 – Hoffman Blvd.	State Scales	0 – Overweight violations	3.5 Hours	Traffic
3/3/10	Higgins – Beverly	State Scales	1 – Overweight violations \$760.00 in fines	3 Hours	Traffic
3/17/10	Higgins – Beverly	State Scales	Cancelled by ISP	0 Hours	Traffic
3/16/10 – 3/31/10	Harmon – Crowfoot Circle	Stop Sign Violations	28 – Stop sign violations 2 – speeding citations 1 – insurance violation	13.58 Hours	Traffic, Patrol Watch II and III
4/9/10 – 4/20/10	Essex – Haverford	Speed Trailer	Average speed 26.26 mph	8,514 vehicles	Traffic
4/6/10	Higgins – Beverly	State Scales	Cancelled due to weather	0 hours	Traffic
4/21/10 – 4/30/10	Fox Path – Falcon	Speed Trailer	Average speed 23.53 mph	2,058 vehicles	Traffic
4/30/2010	Higgins – Beverly	State Scales	2 – Overweight violations \$2,790 in fines	3 Hours	Traffic
4/29/10 – 5/7/10	Mumford – Sundance	Speed Trailer	Average speed 26.03 mph	6,637 vehicles	Traffic

2010
Hoffman Estates Police
Special Enforcement Tracking Sheet

DATE (S)	LOCATION	PROBLEM	RESULTS	TOTAL HOURS	UNITS ASSIGNED
5/10/10	Bode – Washington	Seat Belt Enforcement Zone	7 Total Citations 2 – Seat belt citations 2 – Speeding citations 1 – Child safety seat 1 – Truck 5 ton violation	1.5 Hours	Traffic
5/11/10	IL. Rte. 59	Route 59 Safety Initiative	3 – Speeding citations 1 – Insurance citation 1 – Truck overweight \$450 in fines 1 – Warrant arrest	3 Hours	Traffic
5/12/10	Rte. 59 – I90	State Scales	Cancelled due to weather	0 Hours	Traffic
5/12/10	Highland Crossing Condominiums	Stop Sign and Speed Violations	6 – Stop sign citations 5 – Seat belt citations 1 – License citation 1 – Violation Village Ordinance: Scrapper	17.66 Hours	Traffic
5/7/10 – 5/13/10	Ash – Bluebonnet	Speed Trailer	Average speed 25.48 mph	2,028 Vehicles	Traffic
5/18/10	Roselle – Higgins	Seat Belt Enforcement Zone	19 – Seat belt citations	4 Hours	Traffic
5/19/10	Golf – Barrington	Seat Belt Enforcement Zone	12 – Seat belt citations	4 Hours	Traffic
5/20/10	Bode – Gannon	Seat belt Enforcement Zone	5 – Seat belt citations	1.5 Hours	Traffic

2010
Hoffman Estates Police
Special Enforcement Tracking Sheet

5/20/10	Roselle – Illinois	Seat belt Enforcement Zone	7 – Seat belt citations	2.5 Hours	Traffic
5/20/10	Higgins – Roselle	Seat belt Enforcement Zone	11 – Seat belt citations	3 Hours	Traffic
5/20/10	Bode – Gannon	Seat belt Enforcement Zone	5 – Seat belt citations	1.5 Hours	Traffic
5/25/10	Greenspointe – Higgins	Seat belt Enforcement Zone	6 – Seat belt citations 1 – Child safety seat 1 – Insurance	1.5 Hours	Traffic
5/14/10 – 5/28/10	Ash - Bluebonnet	Speed Trailer	Average speed 24.26 mph	4,518 Vehicles	Traffic
5/28/10	Hillcrest – Hampton	Seat Belt Enforcement Zone	12 – Seat belt citations	1.5 Hours	Traffic
6/1/10	Hillcrest – Hampton	Seat Belt Enforcement Zone	4 – Seat belt citations 1 – Child seat citation 1 – Stop sign citation 1 – Texting while driving	1.25 Hours	Traffic
6/3/10	Moon Lake – Volid	Seat Belt Enforcement Zone	7 – Seat belt citations	1 Hour	Traffic
5/28/10 – 6/3/10	Thacker E. – Lincoln	Speed Trailer	Average speed 23.05 mph	2,061 Vehicles	Traffic
6/3/10 – 6/15/10	5500 Fox Path	Speed Trailer	Average speed 23.01 mph	3,476 Vehicles	Traffic

2010
Hoffman Estates Police
Special Enforcement Tracking Sheet

6/16/10 – 6/29/10	Morton – Milton	Speed Trailer	Average speed 19.57 mph	2,645 Vehicles	Traffic
6/28/10 – 7/1/10	Washington – Orange	Speed Trailer	Average speed 24.92 mph	2,231 Vehicles	Traffic
6/1/10 – 6/29/10	Prairie Stone Business Park	Inline Skaters Causing Roadway Hazard	0 – Citations	18.66 Hours	Traffic
7/1/10 – 7/13/10	Seaver Lane	Speed Trailer	Average speed 20.01 mph	1,959 Vehicles	Traffic
8/20/10	Higgins – Old Sutton	State Scales	1 – Overweight Violation \$1,172 in fines 1 – Warrant arrest	3 Hours	Traffic
8/24/10 – 8/27/10	School Zones	Back to School TARGET	Seat Belt – 14 Speeding – 20 Stop Arms – 7 School Zone Parking – 15 Child Seat – 2 Cell Phone Use / Zone – 3 Total Citations – 72	22.75	Traffic Patrol Watch II Patrol Watch III
9/9/10	Higgins – Beverly	State Scales	4 – Overweight Violations \$8,252 in fines	3.5 Hours	Traffic
9/24/10	Higgins – Beverly	State Scales	Cancelled due to weather And conditions	0 Hours	Traffic
9/13/10 – 9/24/10	Bode – Barrington	Avoiding a traffic control signal	8 Citations	11 Hours	Traffic Patrol Watch II Patrol Watch III
10/7/10	Higgins – Old Sutton	State Scales	3- Overweight Violations \$7,164 in fines	3.5 Hours	Traffic

2010
Hoffman Estates Police
Special Enforcement Tracking Sheet

10/14/10	Route 59 – Bode Rd	TARGET	23- Speeding Citations 1-Drivers license citation 1-Seat belt citation	5 Hours	Traffic
10/15/10	Lincoln Elementary & John Muir School	TARGET	14 Citations 8 – Seat Belt 4 – Child Safety Seat 1 – Drivers License 1 – Use of Cell Phone	1.5 Hours	Traffic
10/13/10 – 10/18/10	Hassell – Rosedale West	Speed Trailer	Average speed 29 mph	5,338 vehicles	Traffic
10/18/10 – 10/25/10	80 W. Thacker	Speed Trailer	Average speed 23 mph	4,395 vehicles	Traffic
10/27/2010	Route 59 – Route 58	TARGET	24- Speeding citations 1-Insurance citation 1-Seat belt citation 1-Drivers license 1-Traffic arrest	5.5 Hours	Traffic
11/3/10 – 11/4/10	Illinois @ W. Thacker	Speed Trailer	Average speed 28 mph	1,171 vehicles	Traffic
11/4/10	Higgins – Beverly	State Scales	Cancelled by ISP	0 Hours	Traffic
11/9/10	Higgins & Ash Higgins & HEHS	TARGET	27-Speeding citations 1-Drivers license 2-License plate	7 Hours	Traffic
11/11/10	Higgins – Beverly	State Scales	Cancelled by ISP	0 Hours	Traffic
12/9/10	Route 59 & 190	State Scales	0 – Overweight Violations	3 Hours	Traffic
11/24/10 – 12/10/10	Harmon – Crowfoot	Stop Signs	14 – Stop Sign Violations 2 – Seat Belts 1 – Drivers License 1 – Speeding Citation	13.66 Hours	Traffic Watch II Watch III

*2010
Hoffman Estates Police
Special Enforcement Tracking Sheet*

12-14-10	Higgins – Roselle	TARGET	6 – Scott’s Law 2 – Seat Belt 2 - Insurance 1 - Registration	2 Hours	Watch III Traffic
12-15-10	Higgins – Roselle	TARGET	6 – Scott’s Law 3 – Insurance 1 – Red Light 2 – Drivers License	1.5 Hours	Watch III
12-16-10	Higgins – Gannon	TARGET	7 – Speeding 5 – Scott’s Law 1 - Insurance 1 – Failure to yield 1 – Registration 1 – Seat Belt	2 Hours	Traffic Watch II
12-16-10	Higgins – Roselle	TARGET	1 – Scott’s Law 1 – Lane Usage 1 – Registration 1 – Equipment	1 Hour	Watch III



HOFFMAN ESTATES

GROWING TO GREATNESS

To: James H. Norris, Village Manager

DEPARTMENT OF HEALTH AND HUMAN SERVICES

MONTHLY REPORT

December 2010

Prevention and Wellness

Despite increased awareness regarding the health risks associated with tobacco use, smoking is responsible for nearly 1 in 5 deaths in the United States. More importantly, smoking is the most preventable cause of death in our society. Thus, HHS provides smoking cessation classes through our partnership with St. Alexis Medical Center. Through this partnership, smoking cessation classes are available for residents and Village employees who wish to quit. The cost is \$50.00 per family for the six week course and includes all materials. "Freedom from Smoking" will begin on January 19, 2011. All classes are scheduled to meet at Village Hall in the Department of Health and Human Services conference room.

On December 16, 2010 HHS staff (Algean Garner, Monica Saavedra, and Janice Weinstein, and Audra Marks), along with staff from the Hoffman Estates Police Department, Fire Department, and Code Enforcement Department helped facilitate the CRC annual Holiday Party. More than fifty families from the Salem Ridge and surrounding community attended this annual event. The families were treated to food, music, and entertainment. Additionally, all the children received gifts from Mr. and Mrs. Claus. **See attached notes and photos.**

HHS in collaboration with Life Source Blood Centers held the annual Holiday employee blood drive on December 17, 2010. Thirty three donations were received. Life Source ranks the Village as one of their favorite organizations to host blood drives. Thanks to all who participated.

All psychoeducational groups (Real Girls – Real Talk, Girl Power, and Lion's Pride) concluded in December. Due to the success of each group, we are currently in discussion with staff at Muir and MacArthur to resume services in January. Additionally, Reaching for the Starts will begin in January at the CRC located in the Salem Ridge apartment complex.

Nursing staff provided the following community health services: one children's health clinic, one infant health clinic, two Cholestech clinics, four TB testing/adult immunization clinics, and one employee health clinic.

"Take Charge of Your Health" concluded. "Take Charge of Your Health" is a lecture series designed to educate seniors about important health issues, proper use of medication, and maintenance of overall good health in the senior years. Classes took place on December 6, 9, and 15. The course was well attended and received by the senior community. **Please see attached note.**

HHS staff, in conjunction with the Hoffman Estates Park District, continues to provide services at Vogelei Teen Center. The Teen Center provides a safe environment for youth to gather during the afterschool hours. At the Teen Center, teens can shoot pool, play ping pong, play video games, watch television, socialize, and participate in open group discussions.

December attendance:

Date	Number Of Teens
12/2	27
12/3	27
12/7	24
12/9	20
12/10	18
12/14	23
12/16	21
12/17	19
12/21	22
12/23	Closed Holiday
12/24	Closed Holiday
12/28	24
12/30	27
12/31	Closed holiday

Treatment and Crisis Response

Currently HHS' counseling staff is providing mental health services for 46 clients. Additionally, six individuals are waiting to be assigned to a therapist. The Department continues to average two – three intake assessments each week.

HHS continues to volunteer for the Salvation Army and provide Salvation Army Emergency Assistance to Hoffman Estates' families in need. Salvation Army funding is available to assist Hoffman Estates residents who are experiencing a temporary or unexpected financial crisis. This fund provides limited financial support to families who show a financial need due to an unexpected emergency (i.e. insufficient funds for rent or past due utility bill). Staff meets with each client for approximately 45 minutes to assess the need for additional services. One resident requested and received assistance this month.

Administrative/Additional Activities

Twenty-nine of the ninety three internship applicants for the 2011 - 2012 training year were selected for interviews and notified of the January interview dates.

During calendar year 2010, HHS staff collected 500 containers of sharps and 700 containers of expired/opened medication through the pharmaceutical and sharps collection program.

Training

Monica Saavedra conducted a training on Sandtray Therapy on December 2, 2010.

HHS staff attended the Workplace Violence training on December 20, 2010.

HHS staff attended CPR/AED training on December 7, 2010.

Teresa Alcure, Community Health Nurse, conducted a workshop on Cholesterol at the Community Resource Center at Salem Ridge apartments.

NCL- Discount Prescription Drug program (December 2010)

Total # of prescriptions:	23
Total dollars saved:	\$ 158.17
Average dollars saved:	\$ 6.88
Average Savings:	22.1%
Total users:	14

HHS Commissions/Committees/Additional Activities

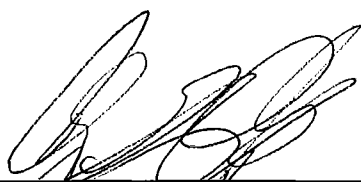
Algean Garner attended the Commission for Senior Citizens monthly meeting on December 14, 2010.

Algean Garner attended the Commission for Senior Citizens Holiday luncheon and Bingo on December 15, 2010.


HHS staff attended the Mayor's Holiday Open House on December 17, 2010.

HHS hosted a holiday blood drive on December 17, 2010.

Cathy Dagian attended the Immunization Coalition meeting on December 14, 2010.



Algean Garner II, Psy.D.
Director,
Health and Human Services



Monica Saavedra, Psy.D.
Assistant Director,
Health and Human Services

December 20, 2010

Dear Cathy and Valerie,

Here is the letter I promised to send summarizing some of the benefits I realized by participating in "Living A Healthy Life with Chronic Conditions."

1. Stricter attention to my water intake and planning/preparing proper meals.
2. Reminded me to return to my own dance-to-my-music exercise routines.
3. Cautioned me about negative self-talk.
4. Consistently remembering to do 3 to 5 minutes of stretching before getting out of bed, and adding my "sash (leg) stretches" while in my recliner. These have helped very much in relieving my leg pain and discomfort. Encouraged to include use of hand weights.
5. I have been totally sugar abstinent since December 2, 2010. This is probably the most important benefit of all. I'm not exactly sure what happened during a class that precipitated the decision to begin this abstinence, but it is the best thing that I have done for myself in a long time. It has made me very happy and much more self-confident. I feel much freer of my addiction to sugar.

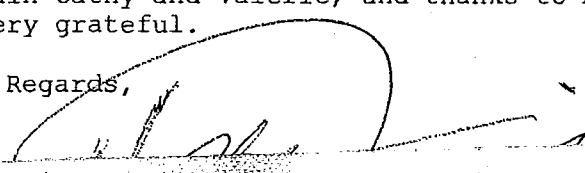
Overall, I am enjoying a marked improvement in my sense of well being and self-respect. The sessions informed, motivated, and inspired; invited and encouraged taking personal responsibility for progress and success, while inviting and encouraging participation in the group process of listening to and learning about and from others. The weekly action plans subtly nudged and invited this participation at both levels. In my opinion they demonstrated how much can be accomplished in just a little bit of time with a realistic plan and some self-discipline.

Having completed the program I feel quite accomplished. However, none of this would have been possible were it not for the excellent facilitating you both provided. You were always prepared and organized, and presented the topics with ease and enthusiasm. We couldn't help but respond and participate. Please note that your personal sharing was very important to the process.

Needless to say the material is outstanding. Because of that, although I approached the group with considerable hesitation, by the end I found myself to be a full and willing participant, and as indicated by the above, quite a successful one.

Thank you again Cathy and Valerie, and thanks to Age Options.
I am very, very grateful.

With Warmest Regards,







December, 2010

People Served

	Resident	Non-Resident	Employee	Monthly Total	Year To Date	Last Year To Date	% of Change
Health	766	43	25	834	4,938	4312	14.52%
Human Services	39	0	3	42	1,513	935	61.82%
Prevention/Wellness Contacts							
Programs	52	*	*	52	385	443	-13.09%
Lending Closet	6	*	*	6	86	96	-10.42%
AllCare (formerly KidCare)	0	*	*	0	9	9	0.00%
Salvation Army	0	*	*	0	22	76	-71.05%

Services Provided

	Resident	Non-Resident	Employee	Monthly Total	Year To Date	Last Year To Date	% of Change
Health							
# of people @ Children's Clinic	17	9	0	26	410	449	-8.69%
# of shots given @ Child clinic	*	*	*	58	823	892	-7.74%
# of people @ Hoffman Baby Clinic	7	0	7	14	126	121	4.13%
# of shots given @ Baby clinic	*	*	*	36	314	275	14.18%
# people @ Salem Ridge	0	0	0	0	26	0	0.00%
# shots @ Salem Ridge	*	*	*	0	0	0	0.00%
TB tests given	2	0	0	2	235	314	-25.16%
Cholestech Tests	0	0	0	0	118	104	13.46%
Hep A - Adult shots	0	0	0	0	27	104	-74.04%
Hep B - Adult shots	1	1	0	2	22	17	29.41%
Twinrix - Adult shots	1	0	0	1	102	32	218.75%
Tetanus Shots	0	0	0	0	34	28	21.43%
College Shots*	0	0	0	0	0	0	0.00%
# Medicaid clients	13	4	50	67	242	208	16.35%
# of adult Flu vaccines given	9	1	5	15	551	823	-33.05%
# of child Flu vaccines given	30	17	12	59	415	426	-2.58%
# of adult H1N1 vaccines given	0	0	0	0	266	0	0.00%
# of child H1N1 vaccines given	0	0	0	0	170	0	0.00%
# of free Blood Pressure checks	6	16	0	22	989	963	2.70%
# of free Blood Sugar checks	1	1	0	2	163	298	-45.30%
# of free Hemoglobin checks	0	0	0	0	244	103	136.89%
# of free Pulse checks	6	16	0	22	980	946	3.59%
Cholesterol (\$6)	0	0	0	0	27	103	-73.79%
Vision/Hearing (Preschool)*	725	0	0	725	985	479	105.64%

Human Services

Individual Sessions	74	0	5	79	1,562	1736	-10.02%
Couple Sessions	4	0	0	4	116	142	-18.31%
Family Sessions	3	0	0	3	90	56	60.71%
Group Sessions	0	0	0	0	12	133	-90.98%
Testing Sessions	0	0	0	0	0	5	-100.00%

Programs

Lion's Pride	*	*	*	16	88	73	20.55%
Real Girls/Real Talk	*	*	*	36	153	139	10.07%
Reaching for the Stars	*	*	*	0	16	46	-65.22%
Girl Power	*	*	*	0	118	14	742.86%
Other/Smoking Cessation	*	*	*	0	10	0	0.00%
NICOR	*	*	*	0	48	44	9.09%

Wellness Checks/Crisis Response

Hours Spent	1	0	0	1	4	2	100.00%
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*These figures are not available as the numbers are not tracked in this manner.

December, 2010

Revenue

Health

Children's Clinic
 Hoffman Baby Clinic
 Salem Ridge
 Other Clinics/Fairs
 TB Test
 Lipid Profile (\$22)
 Adult Shots
 Tetanus Shots
 Blood Sugar/Hemoglobin
 Medicaid
 Flu/Medicare
 Flu/Children
 H1N1-Medicare
 H1N1-Adult
 H1N1-Child
 Vision & Hearing
 AllKids

Human Services

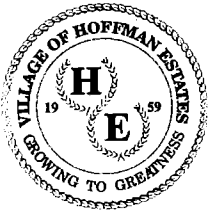
Counseling
 Community Programs

<i>Resident</i>	<i>Non-Resident</i>	<i>Employee</i>	<i>Monthly Total</i>	<i>Year To Date</i>	<i>Last Year To Date</i>	<i>% of Change</i>
*	*	*	\$ 222.00	\$ 3,500.00	\$ 3,838.00	-8.81%
*	*	*	\$ -	\$ 470.00	\$ 493.00	-4.67%
*	*	*	\$ -	\$ -	\$ -	0.00%
*	*	*	\$ -	\$ -	\$ -	0.00%
*	*	*	\$ 8.00	\$ 755.00	\$ 1,556.00	-51.48%
*	*	*	\$ 44.00	\$ 2,881.00	\$ 2,226.00	29.42%
*	*	*	\$ 75.00	\$ 3,686.00	\$ 4,877.00	-24.42%
*	*	*	\$ -	\$ -	\$ -	0.00%
*	*	*	\$ -	\$ 275.00	\$ 186.00	47.85%
*	*	*	\$ 35.00	\$ 1,802.20	\$ 829.60	117.24%
*	*	*	\$ 430.00	\$ 13,863.09	\$13,389.58	3.54%
*	*	*	\$ -	\$ 573.20	\$ 1,104.00	-48.08%
*	*	*	\$ -	\$ 171.84	\$ -	0.00%
*	*	*	\$ -	\$ 1,039.50	\$ -	0.00%
*	*	*	\$ 3.00	\$ 221.00	\$ -	0.00%
*	*	*	\$ -	\$ 3,010.00	\$ 375.00	702.67%
*	*	*	\$ -	\$ 200.00	\$ 100.00	100.00%
**	**	**	\$ 808.00	\$ 17,930.00	\$21,072.00	-14.91%
**	**	**	\$ -	\$ -	\$ -	0.00%

*Health Services revenue is not tracked by resident, non-resident and employee.

** Human Services fees are not tracked by resident, non-resident and employee.

<u>Clients served at Clinics:</u>	<u># of People</u>	<u>Percentage</u>
Underinsured:	10	25.00%
No Health Insurance:	6	15.00%
Village Employee:	7	17.00%
Medicaid/KidCare:	17	43.00%
Native American:		
	<u>40</u>	<u>100.00%</u>



HOFFMAN ESTATES

January 17, 2010

To: William McLeod, Village President
Board of Trustees

EMERGENCY MANAGEMENT AGENCY MONTHLY REPORT – December 2010

Activities for EMA Coordinator David Christensen and the EMA Volunteers for the month of December, 2010 are highlighted below.

EMA phase	Subject	Opportunity
Budget		✓ Participated in the budget process for 2011.
Preparedness	Exercise	✓ See below. Continued Prairie State CERT Challenge 2011 planning.
	Mutual Aid	✓ Attended the All Hazard Incident Management workshops in Denver as a representative of the Illinois IMT. Only 3 of the 90 members were selected to go.
	Government Relations	✓ Attended the Metro County Coordinators meeting at the DuPage County Emergency Operations Center.
		✓ Continued negotiations with ComCast to restore A/V capabilities in the EOC and Adjudication room. (Lost due to the ComCast conversion to digital.)
		✓ Hosted the Regional (WI, IL, IN) Catastrophic Planning Team at the police department.
	Volunteer Programs	✓ Continued planning for the first Teen Cert Class.
Response	EMA	✓ The EMA volunteers responded to several minor incidents. Most notably a power outage in the southern region.
Recovery		✓ No current Hoffman Estates recovery efforts.
Mitigation	Stafford Reform Act	✓ Continued input via the International Association of Emergency Managers.
Citizen Corps	Exercise	✓ Continued planning and organization for the Citizen Corps exercise for 2011. It will be a similar set up to the Prairie State CERT Challenge in Besenville last year. Probably located at the Northeast Illinois Public Safety Training Academy.

411 W. Higgins Road
Hoffman Estates, Illinois 60169
www.hoffmanestates.org

Phone: 847-882-1818
Fax: 847-882-8423

William D. McLeod
MAYOR

Jacquelyn Green
TRUSTEE

Gary Stanton
TRUSTEE

Karen V. Mills
TRUSTEE

Anna Newell
TRUSTEE

Bev Romanoff
VILLAGE CLERK

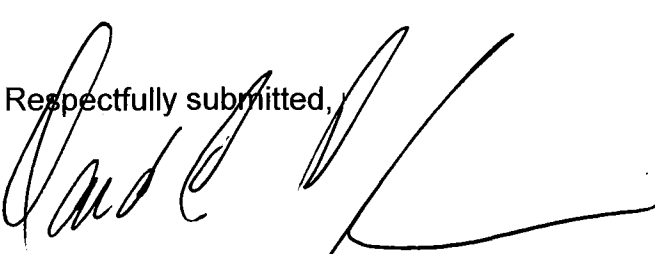
Raymond M. Kincaid
TRUSTEE

Gary J. Pilafas
TRUSTEE

James H. Norris
VILLAGE MANAGER

Grants Funding	2009 IESMA Generator Grant	ITTF/	✓ Accepted the six generators (no match required) from the Illinois Terrorism Task Force. Generator ratings: (1) 30kW and (5) 60kW generators. Valued at approximately \$160,000.00
	LEAP Grant		✓ Assisted with the development of a Request for Proposal for the LEAP Grant (\$98,000 from the US Department of Energy with a Leap grant for energy initiatives.) Also, established the task force to accomplish LEAP goals.
	2009 IESMA Technology Grant	ITTF/ EOC	✓ Continued to procure grant items, including GPS Cameras, Video Conferencing, Amateur Radio Communications, and other items.
	Weather Radio Grant	Radio	✓ Received replacement radios for distribution in the village. Will work with Emily Kerous and the Mayor.
Training	IEMA		✓ No action this month.
UASI	Meetings		✓ Continued the Strategic Planning Sub-Committee work as the Committee Chair.
	ICS Training		✓ Received certification for Incident Commander following position specific training in Springfield. ✓ Taught Advanced Incident Command at the South Suburban College.
IAEM	Leadership		✓ Accepted appointment to a curriculum review committee at the Emergency Management Institute – Emmitsburg, MD.
ITTF	Meetings		✓ Attended the Science and Technology Committee Meetings ✓ Chaired the EM Committee Of the ITTF. Main topics were generator distribution, weather radio returns, and a generator MOU.
NIEMC	Mutual Aid		✓ Attended the Northeast Illinois Emergency Management Council meeting at the JC Restoration facility in Palatine. Reviewed their capabilities and services.
IESMA	IEMA Relations		✓ Attended the IESMA Executive Board meeting at the ILEAS HQ.

Respectfully submitted,


David A. Christensen, Emergency Management Coordinator
DC/dc



IAEM Headquarters
201 Park Washington Court
Falls Church, VA
22046-4527 USA
Ph. 703-538-1795

November 29, 2010

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

Dear David:

Thank you for serving in a Leadership role as the IAEM-USA Region 5, President.

You are to be commended for your time, attention and devotion to the profession of emergency management.

I truly value your support commitment to IAEM-USA.

Sincerely,

Pam

Pamela L'Heureux, CEM
IAEM-USA President 2009-2010

MEMBER



*THIS CERTIFIES THAT
Hoffman Estates EMA*


**David Christensen
Delegate**

*is a member in good
standing for the
year*

2011

**ILLINOIS EMERGENCY SERVICES
MANAGEMENT ASSOCIATION**

AN ORGANIZATION OF
LOCAL EMERGENCY SERVICES
AND DISASTER AGENCIES



President

IAEM Mid-Year Meeting 2010 Attendance Certificate

This certificate verifies the attendance and participation of

Mr. David A. Christensen

at the

√ IAEM Mid-Year Meeting 2010 6/11-12/10

Contact Hours = 10.00

Emergency Management Institute (EMI), Emmitsburg, Maryland

Attendance at IAEM's conference earns credit for the IAEM Certified Emergency Manager® program under Training **OR** for a Professional Contribution - Category B, Professional Conference attendance (satisfies one of six required contributions)

√ **Certificate holder successfully completed sessions denoted in bold.**

Emergency Management Institute



FEMA

This is to certify that

David A Christensen

successfully completed

NIMS ICS All-Hazards Situation Unit Leader

Springfield, IL
3.0 IACET CEU

June 7 - 11, 2010

Emergency Management Institute



FEMA

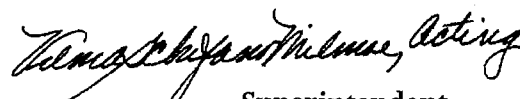
This is to certify that
David A Christensen
successfully completed

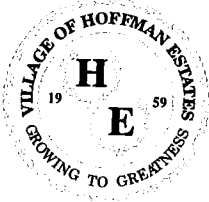
NIMS ICS All-Hazards Incident Commander
Springfield, IL
3.5 IACET CEU

September 20 - 24, 2010


Deputy Superintendent
Emergency Management Institute




Superintendent
Emergency Management Institute



HOFFMAN ESTATES

GROWING TO GREATNESS

January 20, 2011

To: James H. Norris, Village Manager

FIRE DEPARTMENT MONTHLY REPORT

DECEMBER 2010

This month's activities resulted in the Fire Department responding to 514 calls for service; 347 incidents were for emergency medical service, 147 incidents were suppression-related and 20 were mutual aid to other fire departments.

The following were significant responses during December 2010:

1005331- 5550 Astor Rolling Meadows – Code 13 Structure Fire - 12/3/2010

Hoffman Estates units 601, S22, and A21 responded to the above location to assist the Rolling Meadows Fire Department for a structure fire in an apartment building. All units arrived on scene and were assigned multiple tasks. Units released by command and returned to quarters.

1005337 - 335 Spring Hill – Roselle – NIPAS - 12/3/2010

FF/PM Lorkowski (618) responded to the EST/EMS Activation at the above location in Roselle for the barricaded individual. Once the assignment was completed, 618 returned available.

#1005375– 1555 Barrington – Code 3– 12/5/10

Companies responded to the above address for the report of a large amount of smoke coming from the loading dock. Upon arrival Battalion 6 (BAT6) took command and assigned Station #22 companies to investigate. Investigation found that a large amount of lint was smoldering in the dryer vent at the loading dock. The lint was cooled using a water extinguisher and building maintenance was advised of the situation. Companies completed ventilation and other duties and were returned to quarters.

#1005431 10 Kingman - Truck fire- 12/8/10

Companies responded for the report of garbage truck on fire. E21 arrived on the scene and reported smoke and fire showing from the rear area of the garbage truck, the cab was not involved. E21 did a standard lead-out and extinguished the fire. T22 was requested to the scene to assist A21 with pulling apart the pile so more water could be applied.

#1005678- Car Fire- Code 2- 12/22/2010

E/B I90 @ 65.5 MM, Hoffman Estates. Companies responded for a report of a car fire. Upon arrival found a vehicle being towed and caught fire. Tow truck driver had disconnected the car prior to our arrival. Tow truck driver stated he had just bought the car from a vehicle auction in Bartlett and was towing it when he noticed flames coming from it so he pulled over and called 911. Driver states the car did not have any previous fire damage only collision damage to the passenger side. The fire was extinguished with about 200 gallons of water. All tools and equipment were picked up and the scene was turned over to ISP.

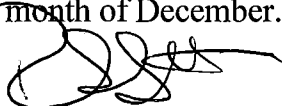
#1005290 - 33 Petrie Circle, Streamwood - Code 4 (Structure Fire) - 12/01/2010

Companies responded for the structure fire in Streamwood. On arrival, Engine 24 was assigned to the rear of the building for overhaul work and Squad 22 was assigned as RIT. Engine 24 removed siding and building material to expose hidden fire while the Squad 22 (RIT) staged in the front. The fire was extinguished and HEFD companies were released per command.

There were several other mutual aid requests during the month where our department responded with equipment and personnel. Some of these included the following:

- December 4: Structure fire in Elk Grove - Sent Engine 21
- December 13: Structure fire in Arlington Heights - Sent Engine 21
- December 25: Structure fire in Streamwood - Sent Ambulance 22

On the following pages is an overview of department activities and emergency responses for the month of December.



Robert Gorvett
Fire Chief

RG/ch

OPERATIONS DIVISION

During the month of December, the following operational issues took place:

- Firefighter Brian Duffy continued his extended deployment to the military.
- Firefighter Gerard DuMelle remains on Light Duty with a work-related back/neck/shoulder injury.
- Firefighter Tompkins remained off on sick leave through the month with a back injury.
- Firefighter Reich remains on Light Duty with a work-related shoulder injury during the month.
- Captain Fortunato on Light Duty for an off-duty related knee injury during the month.

ADMINISTRATIVE DIVISION

- Chief Gorvett and D/C Jorian participated in the Budget Meeting with the Village Board.
- Chief Gorvett attended the Cook County Department of Public Health – First Responder Task Force meeting in Western Springs.
- Chief Gorvett attended the Northwest Community Healthcare Fire Chief/Administrators meeting in Schaumburg.
- Chief Gorvett attended the dedication of the Scott Tripahn Community Center.
- Chief Gorvett attended the Northwest Central Dispatch 9-1-1 meeting in Arlington Heights.
- Chief Gorvett attended the School District 15 Security Plan meeting in Palatine.
- Deputy Chief John Mayer retired after 24 years of service with the Fire Department. At this time, his position will remain vacant.
- Deputy Chief Jorian participated as an instructor for the MABAS Division One Incident Safety Officer orientation class for two days during the month.

During the month of December, the following public education activities took place:

- Station tour offered at Station #21 for a local Cub Scout Pack.
- On-duty companies attended the CRC Holiday Party. Santa was delivered by the fire apparatus and members helped pass out presents. There were approximately 100 people in attendance.
- The HEFD Honor Guard stood for Scott Tripahn's wake.
- There were eight smoke detectors distributed to Village residents during the month.

The department educated over **150** children and adults at **3** different events this month.

Total Fire Department Responses

Response Activity - December	Station 21		Station 22		Station 23		Station 24			
	Month	YTD	Month	YTD	Month	YTD	Month	YTD		
Fire Incidents	7	129	2	38	5	53	0	15	0	23
Medical Incidents	347	3975	90	983	178	2157	36	371	43	464
Other Incidents	140	1315	50	475	60	593	12	115	18	132
Mutual Aid Incidents	20	234	8	49	9	128	2	27	1	30
Total Responses	514	5653	150	1545	252	2931	50	528	62	649

Fire Incidents

Response Activity - December	Station 21		Station 22		Station 23		Station 24			
	Month	YTD	Month	YTD	Month	YTD	Month	YTD		
Building Fire	0	22	0	7	0	8	0	7	0	0
Cooking Fire	1	21	0	9	1	9	0	0	0	3
Vehicle Fire	3	25	1	6	2	12	0	2	0	5
Brush & Grass Fire	0	21	0	2	0	9	0	2	0	8
Other Fire Incident	3	40	1	14	2	15	0	4	0	7
Total Fire Incidents	7	129	2	38	5	53	0	15	0	23

Medical Incidents

Response Activity - December	Station 21		Station 22		Station 23		Station 24			
	Month	YTD	Month	YTD	Month	YTD	Month	YTD		
Emergency Medical	286	3487	76	890	156	1953	36	338	18	306
Vehicle Accident	41	351	8	54	17	159	0	29	16	109
Patient Assist	11	90	6	39	5	45	0	4	0	2
Special Events	9	47	0	0	0		0	0	9	47
Total Medical Incidents	347	3975	90	983	178	2157	36	371	43	464

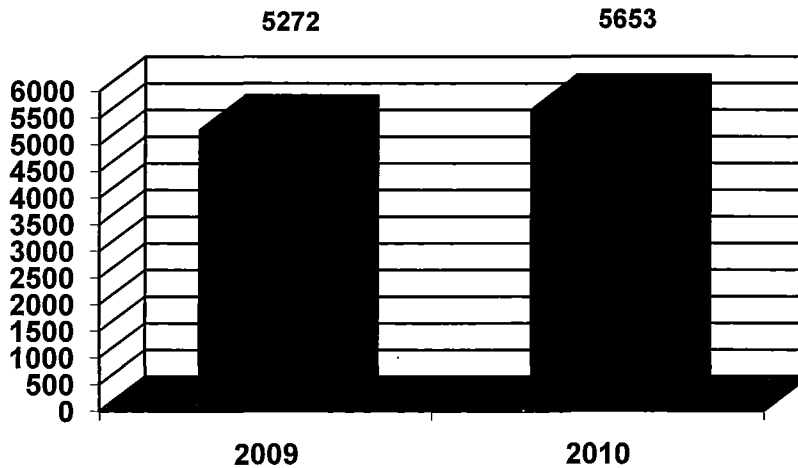
Mutual Aid Incidents

Response Activity - December	Station 21 Response		Station 22 Response		Station 23 Response		Station 24 Response			
	Month	YTD	Month	YTD	Month	YTD	Month	YTD		
A/A to Schaumburg	0	15	0	3	0	12	0	0	0	0
A/A to Streamwood	1	11	0	0	1	11	0	0	0	0
Mutual Aid / MABAS Incidents	19	208	8	46	8	105	2	27	1	30
Total Mutual Aid Incidents	20	234	8	49	9	128	2	27	1	30

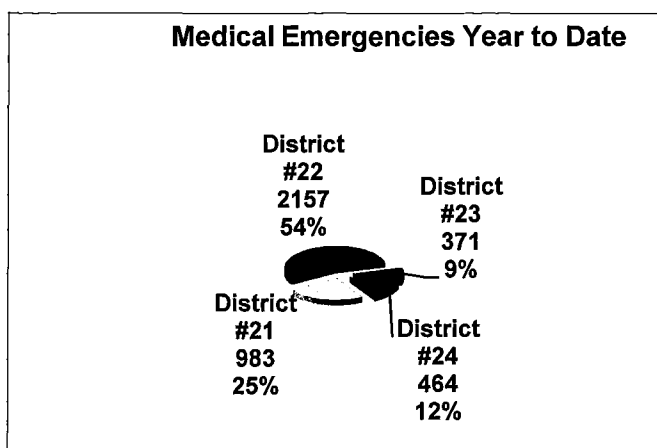
Other Incidents

Response Activity - December	Station 21		Station 22		Station 23		Station 24			
	Month	YTD	Month	YTD	Month	YTD	Month	YTD		
Elevator Emergencies	0	36	0	3	0	28	0	0	0	5
Gas Investigations	5	48	2	20	2	19	1	8	0	1
Fuel Leak	1	9	0	3	1	5	0	0	0	1
Power Line Problem	1	23	1	14	0	8	0	1	0	0
Hazardous Condition	0	19	0	11	0	6	0	2	0	0
Smoke/Odor Investigation	6	33	3	9	2	14	0	6	1	4
Water Leak	6	24	1	10	5	12	0	2	0	0
Lock-In or Lock-Out	8	78	3	20	2	40	2	11	1	7
Good Intent Call	16	166	5	63	7	63	1	19	3	21
Carbon Monoxide Incident	27	127	7	43	11	42	5	27	4	15
Activated Fire Alarm	52	535	18	184	23	272	3	21	8	58
Malicious Fire Alarm	3	39	2	20	1	17	0	0	0	2
Electrical Problem	5	44	3	22	1	11	0	9	1	2
Other Service Provided	4	57	2	24	2	20	0	7	0	6
Response Cancelled	6	77	3	29	3	36	0	2	0	10
Total Other Incidents	140	1315	50	475	60	593	12	115	18	132

Total Emergency Responses Year to Date



Medical Emergencies Year to Date



2010 FIRE LOSS

OCCUPANCY TYPE	Month	YTD LOSS
Special Outside	\$0	\$600,000.00
Public Assembly	\$0	\$2,000.00
Single-Family	\$56,500	\$616,700.00
Multi-Family	\$1100	\$384,600.00
General Business	\$0	\$47,000.00
Road, Parking Property	\$0	\$3300
Storage Property	0	0
Open Land, Field	\$0	\$2000
Vehicle	\$0	\$27,500.00
Institutional	0	0
TOTALS	\$57,600	\$1,681,200

**TOTAL ANNUAL FIRE LOSS
PREVIOUS YEARS**

2010	\$1,681,200
2009	\$991,7400
2008	\$1,606,700
2007	\$1,253,350
2006	\$755,420
2005	\$1,442,910
2004	\$4,033,630
2003	\$2,266,370
2002	\$963,600
2001	\$2,709,675
2000	\$378,735

TRAINING

For the month of December, the following training activities took place:

Outside Training:

- Lt's Hartman and Butler, FF Kulovsek, Northrup, Schmitt, Zito, Anderson and Keifer attend an IFSI Truck Operations class hosted by the Arlington Heights FD
- Lt Buckel attended Courage to be Safe firefighter safety training
- Lt Wellhausen attended water Operations class at Elk Grove Village FD

In-house Training:

- Hazardous Materials training focusing on Village facilities – Coordinated by Lt Hartman.
- EMS Case reviews – presented by Dr R Johnson – SAMC ER
- Forcible Entry and Lost Firefighter training – Coordinated by Lt Buckel and FF Needham and conducted at the vacant PD building.

Company training: (Instructed by the Captains and Lieutenants)

- Smoke ejectors, salvage and air systems.
- Hose management skills.
- Building familiarization through preplan review and building visits.
- Department and EMS policy reviews.

Total training hours for the month of December for all members were 2,298.

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	December	Total Hours YTD
7,946	7,291	6,993	4,563	2,298	29,091

FIRE INVESTIGATIONS

Juvenile Fire Setters:

A continued reminder: Please notify Inspector Scot Neil if you encounter a juvenile set fire of any kind, so he can follow up.

There were no fire investigations completed by the fire investigation division for the month of December. There were no Juvenile incidents for the month of December. Here are the fires for the month.

TOTAL FIRES FOR THE MONTH:	<i>DAMAGE</i>
January:	
1595 Cornell Ct	\$2,500.00
2145 Greystone	\$200,000.00
5741 Providence	\$50,000.00
785 Freeman	\$500.00
February	
2055 Parkview Circle West	\$50,000.00
March	
1712 Sussex	\$800.00
5184 Barcroft	\$275,000.00
April	
720 Bode	\$500.00
2120 Hassell	\$2500.00
1971 Haddam	\$200.00

120 Carthage	\$1000.00
May	
985 Grand Canyon	\$2,000.00
675 Golf	\$7,000.00
1155 Mayfield	\$20,000.00
June	
830 Freeman	\$2000.00
1653,1655,1657,1659 Cornell	\$150,000.00
430 Lafayette	\$50,000.00
July	
4979 Chambers	\$50,000.00
August	
4700 Hoffman (Car)	\$2000.00
585 Hill Dr. #216	\$16000.00
2575 Golf Rd.	\$20000.00
1920 Dogwood	\$1000.00
September	
411 Higgins	\$3500.00
3570 Londonderry	\$700.00
1600 Algonquin Car Fire	\$500.00
600 Salem	\$500.00
1950 Maureen	\$500.00
235 Maricopa	\$1000.00
1100 Brandt	\$600,000.00
October	
395 Ashland	\$120,000.00
1557 Cornell	\$500.00
1077 Atlantic	\$300.00
1745 Robin Walk	\$1000.00
885 Heather	\$1000.00
2230 Clifton	\$2000.00
November	
1121 Sturbridge	\$1500.00
2030 Hassell	\$1100.00
4685 Huntington	\$45,000.00
4123 Firestone	\$10,000.00
December	
10 Kingman	\$4,000.00
1555 Barrington	\$100.00
I-90 MM 65.5 Car	\$3,000.00

10 Kingman	\$4,000.00
1555 Barrington	\$100.00
I-90 MM 65.5 Car	\$3,000.00
1295 Campbell Car	0.00
TOTAL LOSS FOR THIS MONTH	\$8,100.00
TOTAL LOSS FOR 2010	\$1,693,200.00
TOTAL LOSS FOR 2009	\$991,740.00

FIRE PREVENTION BUREAU:

• **FINAL INSPECTIONS COMPLETED:**

- Dr. Becker – 2630 Sutton
- SAMC West parking garage – 1571 Barrington Rd
- Jiffy Lube – 1 West Higgins Rd., Sprinkler retrofit
- Enterprise Rental Car – 685 Golf Rd.
- Korean Church – 1500 Algonquin Rd., Fire alarm upgrade
- Fanuc – 1800 Lakewood Blvd.
- Liberty Mutual – 2815 Forbes

• **MEETINGS ATTENDED:**

- Site Plan Meetings – Village Hall.
- SAMC addition meetings (4)
- Site Meetings – SAMC East garage (2).
- Building Review Meeting with South Barrington – Re: Animal Hospital.
- Wireless meeting with Chicago Metro Fire Protection
- Site Meetings – Proposed church at 2356 Hassell Rd.

• **MISCELLANEOUS:**

- Began testing the fire alarm system at Sears Corporate
- Attended the Violence in the Workplace class

ANNUAL INSPECTIONS:

Annual Fire Safety Inspections are inspections that are conducted on existing occupancies on an annual basis. These inspections are completed in an attempt to maintain compliance with approved existing municipal codes.

Inspection Type	Monthly Total	2010 YTD	2009 YTD
Annual Inspections	61	1,078	1,054
First Re-inspections	100	837	759
Business license Inspection	6	51	22
Total	167	1,966	1,835

CONSTRUCTION INSPECTIONS:

Construction inspections are inspections conducted on new and existing occupancies within the Village and the Fire Protection District. These inspections range from initial plan reviews to final occupancy approval.

Plan Review	Monthly Total	2010 YTD	2009 YTD
Building Plan Review	7	76	73
Automatic Fire Alarm	5	42	33
Other Fire Suppression Systems	0	0	1
Fuel Storage Tanks	1	3	0
Hood & Duct Mechanical	0	4	3
Hood & Duct Suppression	0	3	8
Open Burn	2	6	5
Site Plan Review	2	20	26
Automatic Sprinkler	6	48	60
Temporary Heating	0	2	0
Temporary Structure (tent)	0	6	8
Pyrotechnic Display	0	3	7
Total	34	225	224

	Monthly Total	2010 YTD	2009 YTD
Construction/Permit issued	20	146	155
Construction Site Inspection	28	221	237
Construction Site Visits	4	83	147
Total	52	450	539

MISCELLANEOUS INSPECTIONS:

Inspection Type	Month	Year
Fire Prevention Complaints	3	74
Homeowner Walk-Thru (Residential Sprinkler)	0	11
Underground flush test/hydrant flow	1	23
Lock Box Lock Change	0	5
Total	4	113

PERMITS ISSUED:

The following is a breakdown of the building permits that are issued by the Fire Prevention Bureau and the associated revenue generated from the permits issued.

Permit Type	Month		Year to Date	
	Permits Issued	Total	Permits Issued	Total
Automatic Fire Alarm	5	475.00	38	24,550.00
Other Fire Suppression Systems	0	0.00	1	1,000.00
Fuel Storage Tanks	1	95.00	9	960.00
Hood & Duct Mechanical	0	0.00	2	320.00
Hood & Duct Suppression	0	0.00	6	475.00
Open Burn	2	95.00	6	380.00
Automatic Sprinkler	6	1,930.00	63	18,844.85
Temporary Heating	0	0.00	0	0.00
Lock Box	1	185.00	12	1,620.00
Pyrotechnic Display	0	0.00	4	2,730.00
Total	15	2,780.00	141	50,879.85

SPRINKLER ORDINANCE PROGRESS:

Buildings Requiring Sprinklers	Month Total	Y-T-D	
Installed	1	5	
Remaining	122		

WIRELESS TRANSCEIVERS:

	Month	Y-T-D	
Installed	2	114	
Remaining to be installed	20		
Total Installed to date		447	

ACTIVATED FIRE ALARMS:

	Monthly	Y-T-D	2009
Fire Alarm Activations	12	99	112
Trouble Alarms	10	90	78
Malicious False Alarms	3	68	71
False Alarms	34	343	277
Total	59	590	538

Two (2) of these false alarms (or responses) can be attributed to the Keltron Wireless Transceivers. Since the inception of the wireless program, we have a 32% decrease in the number of false alarms the Fire Department has responded to.

Rolling Meadows Fire Department

Chief Ronald W. Stewart

2455 Plum Grove Road • Rolling Meadows, Illinois 60008 • Business Phone 847-397-3352 • Fax 847-397-7489

December 6, 2010

Chief Robert Gorvett
Hoffman Estates Fire Department
1900 Hassell Road
Hoffman Estates, IL 60195

Dear Chief Gorvett:

On behalf of the Rolling Meadows Fire Department, I would like to take this opportunity to express my sincere thank you to your Department for their assistance at the recent fire at 5550 Astor Lane on December 3, 2010.

This is a prime example of the successful benefits of the Mutual Aid Box Alarm System to the communities we serve. Please convey my thanks to all of the Hoffman Estates Fire Department firefighters who came to our assistance for this incident.

Very truly yours,



Ron Stewart
Fire Chief

C: Monthly Report

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VILLAGE OF LAKE ZURICH FIRE/RESCUE DEPARTMENT

321 SO. BUESCHING ROAD LAKE ZURICH, ILLINOIS 60047-3226

Terry P. Mastandrea
Director/Fire Chief

ADMINISTRATION (847) 540-5070 • FIRE PREVENTION (847) 540-5073

FAX: (847) 726-1644

FAX: (847) 550-1779

www.lzfirerescue.org

December 13, 2010

Hoffman Estates FD
Chief Robert Gorvett
1900 Hassell Rd
Hoffman Estates, IL 60169

Dear Chief Robert Gorvett,

Although a little late in coming, I wanted to pass along my sincere appreciation for the efforts of all personnel that responded to our two MABAS alarms in November. The continued cooperation and response through the MABAS system cannot be underestimated nor under appreciated.

On Thursday November 4, 2010 we had a working fire on Scott Road. This road is in a non-hydranted area and is very narrow. This presented an extreme challenge in terms of water supply and staging of personnel and equipment. As anyone that responded to the scene knows, it was a long haul down that road. Thanks goes out to all of the crews that put forth an extra effort just getting to the scene. We had two residents that were injured and needed medical attention. While the second story was heavily damaged, one resident with an office on the lower floor was extremely appreciative of the efforts which helped save a lot of his work material. A special thank you to Deputy Chief Feit for helping to get the MABAS ATV asset located in Barrington out to the scene to assist with crew and equipment transport.

In the early morning hours of November 8th, we had a structure fire in what was eventually determined to be an uninhabited residential structure. Having crews available for proper rehab and safe operations is always an important factor.

Both these incidents reflect the extensive cooperative effort in place in the region. On behalf of myself, the members of the department, and the entire community I want to extend our gratitude for the professionalism displayed by your crews.

Sincerely,

Chief Terry Mastandrea
Lake Zurich Fire Rescue

cc: Monthly Report

Chief Corvett

Thank you for taking time
out of your busy schedule
to help the park district prepare
for Scott Triphahn's wake.
The knowledge that you shared helped
make our preparations complete!

Best Regards, Dean
CC-Monthly Report

Have a wonderful
New year and the best
to all in the New year.

Thank you
Kathy D. Jones

Fire Dept,

I'd like to thank you
for coming out to my
home and installing new
fire Detectors in my
home.

My full appreciation
goes out to you and I
am so happy you are
there for us.

cc: Monthly Report

Robert Gorvett

Subject: FW: Eric Tucker's Homecoming

From: AL PORTELL [<mailto:atportell@yahoo.com>]

Sent: Sunday, January 09, 2011 5:57 PM

To: Robert Gorvett; Robert Gorvett

Subject: Eric Tucker's Homecoming

Chief Gorvett-

My stepson, Eric Tucker was escorted home Saturday by some of your officers as well as PD and The Warrior Watch.

I can't begin to tell you the feelings that went through our heads when we came off the I90 ramp and we saw the FD and PD lined up to welcome a home town soldier. It was truly impressive.

Please pass on our gratitude to all the officers involved. Please let them know how much what they did was appreciated by Eric and his family.

I know what a great brotherhood we have but to be able to share with my family, in such a tangible way, was truly special for me.

Take Care & Be Safe-

Lt. Al Portell - Park Ridge Fire Department

Donna and Al Portell
935 Heather Lane
Hoffman Estates, IL 60169

atportell@yahoo.com

CC: Monthly Report



Dear Firemen and Woman,

Our first grade class has just finished a Social Studies unit about their neighborhoods. As part of this unit, the students learned about service workers in the Hoffman Estates area. Our students would like to thank you for the work that you do in our community each day.

Thank you,

1st graders at Lakeview Elementary School

C. Monthly Report

Lakeview Elementary School District 54
Ashley Corrigan and Donna Scheer
615 Lakeview Ln
Hoffman Estates, IL 60169

Guys

How many times you been to
1295 Newcastle Ln Hoffman Estate?
I can't count them BUT I know its
alot.

For your Professionalism, courtness,
willing to help and probably the most
important one, not shown the appreciation
you all deserve, I am one who appreciat
you and intend to show it.

Please Get some pizzas or whatever you
wish on us, your response time is always
terific. may you + your loved ones have
a Happy Holiday..

With warm wishes

for a Merry Christmas and

a bright and Happy New Year

Pretty much steady customer & patient
Jim + GISELA CHERNAK

1295 NEWCASTLE LANE



HOFFMAN ESTATES

GROWING TO GREATNESS

December 30, 2010

Mr. and Mrs. Jim Chernak
1295 Newcastle Lane
Hoffman Estates, IL 60169

Dear Mr. and Mrs. Chernak:

On behalf of the entire Hoffman Estates Fire Department, I would like to thank you for writing and for your generous donation.

While we appreciate your intentions, we would like to return the check and suggest that you donate it to a charitable organization of your choice. You may feel that the Fire Department has been called to your home on numerous occasions, but please remember that we are public servants and here to be of service to you. Please do not hesitate to call 9-1-1 when the need arises.

Best wishes for a prosperous and healthy New Year, and once again thank you for your thoughtfulness.

Sincerely,

Robert G. Gorvett
Fire Chief

RGG/ch

Enclosure

CC: Monthly Report