

70 E. Main Street
Lake Zurich, IL 60047



Phone: (847)438-5141
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PUBLIC NOTICE OF SPECIAL MEETING OF THE LAKE ZURICH COMMITTEE OF THE WHOLE

Public Notice is hereby given that there will be a special meeting of the Lake Zurich Village Board Committee of the Whole on **December 5, 2012** at **7:00 P.M.** This meeting will be held at the Lake Zurich Police Facility, 200 Mohawk Trail, Lake Zurich, Illinois, in accordance with the Illinois Compiled State Statutes.

AGENDA

1. Call to Order and Roll Call: President Branding, Trustees Halen, Mastandrea, Poynton, Rzeznik, Sprawka, and Sustich.
2. Approval of minutes, October 23, 2012
3. Discussion on consolidation of Fire Stations
4. Adjournment

The Village of Lake Zurich is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations so that they can observe and/or participate in this meeting, or who have questions, regarding the accessibility of the meeting or the Village's facilities, should contact the Village's ADA Coordinator at (847) 438-5141 (TDD# 847-438-2349) promptly to allow the Village to make reasonable accommodations for those persons.

A handwritten signature in cursive script that reads "Susan T. Ragsdale".

Susan T. Ragsdale
Deputy Village Clerk

Faxed: November 29, 2012 Herald, Courier
Posted: November 29, 2012 Web site
C: Packets

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MEMORANDUM

Date: November 30, 2012

To: Mayor and Village Board of Trustees

From: Jason T. Slowinski, Village Manager

Subject: Village Board Workshop—Discussion of Station Consolidation

Issue: A Committee-of-the-Whole workshop meeting has been scheduled to discuss a plan presented by the Fire Chief for consolidation of fire stations. Station consolidation presents the opportunity for some significant long-term cost savings. A separate report from Fire Chief Wheelock with details on station consolidation will be forwarded to the Board for consideration.

In meeting with the Chief and other Command staff to review this plan, the concept of incorporating Village Hall offices into the station consolidation plan was discussed. This memorandum addresses the potential benefits of the concept of incorporating Village Hall offices into the overall consolidation plan.

Analysis: As will be presented in more detail, the fire station consolidation plan involves closing two stations (Station #1 and Station #4) and building a new station (including fire headquarters) at a location roughly in between the existing station locations. Staff considered broadening the scope of the project to include the construction of space sufficient to house the Village Hall offices at the new station location.

This concept leverages existing Village assets (primarily Village Hall and Station #1) to build a project that considers additional needs of the Village that will:

1. **Enhance the operational functionality for both fire department operations and Village Hall operations.**

- a. The Fire department would have greater flexibility in staffing a single station rather than two separate stations and can more readily adjust staffing based on

operational conditions and requirements. In addition, station configuration is more “ideal” than current locations. Chief Wheelock’s report will address these points in more detail.

- b. An opportunity would exist to create a “one stop shop” for permitting/inspections. Builders/developers/business owners could obtain necessary permits, arrange for all inspections, meet with inspectors (both building and fire), and pay for permits all at one location and one counter. Creates the opportunity for cross training personnel thereby allowing for greater operational flexibility.

2. Reduce existing and long term maintenance expenses on aging facilities.

- a. The burden of maintaining three aging facilities (two Village owned; one LZFRPD) would be reduced to one new facility thereby reducing significant maintenance expenses (roof, HVAC equipment, carpet, etc.) over the course of a 10-15 year period.
- b. Existing normal facility expenses (heating, lighting, minor repair, etc.) would be reduced in the same manner.

3. Generate new revenues for the Village in both the TIF Fund and General Fund by adding more taxable property to the tax rolls.

- a. The current Village Hall site would be transferred to a private (rather than public) entity thereby generating new taxable property within the TIF district. Since the property was publicly owned at the inception of the TIF district, it generated no property taxes and, therefore, taxes were frozen at “zero”. Any new property taxes generated from the parcel would be categorized as 100 percent TIF increment.
- b. Add additional taxable property to our tax rolls outside of the TIF District from the sale of Station #1. This would benefit the Village’s general fund.

4. Create a desirable parcel for new development in the downtown TIF District without the need to acquire additional parcels.

- a. The current Village Hall site has the appropriate size and prominent location for a new development project without the need to acquire additional parcels and without immediate adjacent single-family residential parcels with which to contend. The parcel is made more attractive with high traffic counts (and enhanced exposure) near the traffic light at Church and Main.

5. Create a more safe, healthy, and positive experience for Village employees, residents, and guests that use and visit Village Hall.

- a. The proposed arrangement presents an opportunity for the Village to create a government complex worthy and representative of our community—the hub and regional center of southwest Lake County and the northwest suburbs.
- b. There are numerous safety deficiencies in the current Village Hall that pose increased liability for the Village. There are no immediately accessible public

restrooms in the Village Hall building and none on the main public floor (1st floor).

- c. There have been previous health concerns in Village Hall, including the presence of mold in the basement.
- d. Village Board meetings—our most public interactions—are held in a windowless, damp basement, and are not representative of the values of which our Village aspires (e.g. transparency, etc.)

6. Creatively finance our capital improvement needs without adding and additional debt burden to the Village or depleting our reserves.

- a. Utilizing funding from the LZRFDP and potentially from the sale of Station #1, the Village could contribute to the construction of the new facility without the need to issue new debt or deplete existing precious reserves.

7. Demonstrate our commitment to utilizing intergovernmental agreements to plan for critical existing and future capital, operational, and staffing needs.

- a. An intergovernmental arrangement of this nature would be a model for local governments throughout our area and demonstrates to our stakeholders that we are thinking creatively to get the “biggest bang for our buck.”

Recommendation: The concept outlined above will be reviewed in more detail on December 5th. Obviously, this plan is very conceptual and more analysis will be required should the Board wish to explore further. This item is presented for discussion and consideration at this point in time.

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MEMORANDUM

Date: November 29, 2012
To: Jason T. Slowinski, Village Manager
From: David P Wheelock, Fire Chief/EMA Director
Subject: Station Consolidation/Options

Issue: In an ongoing process of reviewing department operations, it was identified that there may be opportunities to adjust our current 4 station model. In addition, after initial discussions with you and your staff, some additional options have been broached to explore.

A detailed report covering this project is attached.

Analysis: The attached report lays out our analysis and all facets of the project.

Recommendation: The Committee of Whole Meeting scheduled for December 5th is essentially where we are at in the recommendation process. We need to establish the Village Board's desire and intent to pursue this project.

w/Attachments: Consolidation Report

Consolidation of Lake Zurich Fire Rescue Department Station # 1 and The Lake Zurich Rural Fire Protection District Station # 4

Concept Overview

The Village of Lake Zurich Fire Rescue Department is in a position to increase efficiency, productivity, and provide for long-term departmental operational and financial sustainability through the process of fire station consolidation. The Village of Lake Zurich Fire Station #1 and the Lake Zurich Rural Fire Protection District Fire Station #4 are the subjects of consolidation, into one large centralized station. The location desired is near the intersection of US Highway 12 between Cuba and South Old Rand roads, with collaboration efforts focusing on co-locating the new fire station within the development of a new retail center and realignment of South Old Rand roads. Consolidation of the services provided by these two stations can be a cost effective way to provide appropriate level of service while covering the greatest populations, within our geographic service area.

To date, this concept has been broached with the Rural Fire District Board and they are willing to review the concept further. In addition, The District Board has sought out a potential buyer for the current station # 4 located on Field Parkway in Deer Park. There is interest in working out the details of a sale/purchase.

The next step is to identify if the Board of Trustees of the Village of Lake Zurich support this conceptual idea and begin to clarify details.

Background

There are a number of reasons that this project is being presented. One of the greatest reasons is the belief that Station #4 is not in the best location to serve the entire fire district. Given National Fire protection Association (NFPA) and Insurance Services Office (ISO) response parameters, The majority of station #4's main response area is not even within the fire district. Ultimately, better placement of those resources could lead to more efficient response to a greater area.

Secondly, the department continues to come under funding scrutiny with very little room to maneuver given that four (4) physical locations are being staffed at this time. The Fire District clearly invested into trying to provide adequate response times to a district area of 25 square miles by building 3 district stations. The Village of Lake Zurich has operated one fire station since the department went full-time in 1988. The District is not amenable to dropping staffing at any of it's current locations as that would impact response in those areas significantly. After having dropped two (2) people per day at station 1 back in 2009, the contract was amended to ensure that the Village provides at least three (3) people per day at station 1. Thus, any further drop in staffing would not meet the contract, and if it came from station 1, response in the Village areas would be greatly diminished.

Locating a new facility along a specific Rt. 12 corridor would allow the department to maintain response times to a greater area from the consolidated location and only be maintaining three (3) facilities. The concept is to continue running four (4) companies district wide, but if funding of department operations is not maintained from the Village side, some further reductions in daily staffing could probably be instituted, with all parties acknowledging the reduced numbers. Essentially this would relate to monitoring over-time costs by not filling the four company slots if that model is not supported. **There is no recommendation to drop below the accepted four (4) company staffing as a permanent model. This is only relative to a daily assessment of capabilities. Ultimately, the Village of Lake Zurich must determine the size, quality and scope of Fire and EMS services it wishes to provide to its residents. The continued uncertainty is problematic. This concept is covered in depth in the following pages.**

Relative to the station concept itself, there are several areas to cover in regards to this project:

- Funding of the capital costs
- Facility concepts
- Cost savings potential
- Staffing

Funding of Capital Costs

At this early stage of planning the following assumptions are being worked with.

- The Lake Zurich Rural Fire Protection District, in concept would like to be the owner and primary operator of the new facility. The District is financially stable and able to commit to this project.
- The anticipated proceeds from the eventual sale of the two decommissioned stations could provide some of the funding needed for the new construction.
- The first option is to research potential private/public land transfers or donations as the primary goal for the land. If we are unable to work out a deal on the land, research all potential sites and costs.
- Going forward new parameters on cost sharing would be brought into the District and Village contractual agreements. This is based upon the fact that as a headquarters station, the Village is a large user and benefactor of this new facility.
- Explore the newest concept of possibly co-locating the Village of Lake Zurich Village Hall within the new complex.

Facility Concepts

The new facility will be constructed as a new Headquarters station, accommodating the Administrative, Operations, and Fire Prevention services' for the Fire Rescue Department. The building would include 18,000 square feet of office space divided between two floors over a full walkout basement intended for storage of records, a public meeting room, and fire safety center. Additionally, approximately 8000 square feet of accommodations for operations of shift personnel will be over a full basement. The apparatus arrangement would be centered between the office

space and operations area consisting of four full drive through bays and a training/hose tower. This would support the four (4) company operation and all other department needs.

In addition, the Fire District is open to discussions on how the building could be expanded to co-locate the village hall operations into the new location. It has been mentioned that for this to occur the land would need to be within the Village of Lake Zurich Corporate boundaries. Public areas such as the public meeting room would simply need adjusting to accommodate Board meetings, so that was essentially already in place. Part of the Fire Prevention offices included possible co-location of Building and Zoning operations. So the remaining administration offices is where we would likely require an additional floor.

I can't stress enough that the concept needs approval first and then progress to more concrete planning.

Cost saving potential

A review of cost saving on an annual basis was undertaken. Annually, the operating budget for the Fire Rescue Department includes utilities; office supplies; station supplies; station maintenance; and lease agreements for phones, copy machines, and the like. When consolidating from two stations down to one, there is potentially small incremental savings on these items currently estimated at \$40,000.00 annually. Additionally, with the removal of one facility, there are long-term capital cost/improvements that are eliminated from future budgets. For example, as submitted in the Capital Improvement plan through FY18, we have identified that in the next three fiscal years, the Village of Lake Zurich Fire Station #1 needs more than \$184,000 in updates/repairs.

Additionally, the construction features of a new facility, that follow the U.S. Green Building Council recommendations, may lead to other efficiencies in water, energy, and indoor environmental qualities.

The inclusion of the Village Hall has not been examined yet. Certainly some significant savings could be projected by eliminating another physical building, especially one that has maintenance issues arising also. Efficiencies in office equipment and such are also likely.

Having this building located within the Village could also afford additional savings to the District through Com Ed, NICOR, and Village water utility agreements as one example.

Staffing

Staffing of any fire station is based upon a cost-benefit analysis that every entity must consider when looking to provide emergency services.

Village of Lake Zurich Fire Station #1 is currently staffed minimally by three career Firefighter/Paramedics that provide for a jump company between an Ambulance or Engine. The current Aerial Truck is scheduled for removal from service in mid December 2012 and will no longer be a part of the jump company response as of then. On occasion, the station drops to a two

person ambulance, during non-peak overnight hours, to meet over-time budget expectations. On a long term basis, the ultimate desired level of service needs to be determined and funded. Additionally, this station houses' a Shift Commander and other unmanned specialty equipment. The Fire Rescue Administration operates out of this facility with four day staff positions and an Office Manager.

Lake Zurich Rural Fire Protection District Station #4 is currently staffed by three career Firefighter/Paramedics that provide for a jump company between an Ambulance and Engine.

One reason for considering the consolidation of Station's #1 and #4 into a new headquarters station, in relation to staffing, is the inefficiencies of the current Station #1 facility and the separation of the Fire Prevention Bureau, currently located at Lake Zurich Rural Fire Protection District Station #3. *Future consideration of incorporating Building and Zoning and instituting a Community Development Office under the Fire Rescue Department may be something for consideration also. This may not be as viable if the facility is not located within the Village boundaries. The statements above in italics were considered before the Village Hall option was broached.*

Operational staffing in the new Headquarters Station would allow for, minimally six Firefighter/Paramedics that would provide two companies to respond to any type of incident on a response priority basis. Additionally, this station will accommodate the Shift Commander and provide storage for other unmanned specialty equipment. Essentially, having multiple companies in one facility, we could provide a combination of staffing alternatives based on call type, location, and resources required. This would also include anticipated improved response times, of a multiple unit response, within the stations established still districts.

Historically, the Fire Rescue department has allocated considerable amounts of resources toward minimally staffing four facilities. During the past five fiscal years, the average expenditure has been more than \$375,000.00 annually to support minimum operations. When considering a three station (four companies) model, different strategies may be employed to reduce the overtime expenditures if the Village chooses a funding level that cannot support the current operations. An issue that would also be cause for contract negotiations with the District Board.

New Opportunities

Education & Safety

There is tremendous potential for the Fire Rescue Department to partner with local entities to collaborate with safety training, public education, and fire prevention within the confines of the new facility. Additionally, the Fire Safety Center could double as a public meeting room. This is an area to explore and expand upon as more is known as to the exact location and nature of the project. As an example, if we were to be fortunate to develop a relationship on the land, and if it falls within a development, perhaps the anchor vendor may wish to receive recognition of such by assisting with the Fire Safety Center. Shared naming rights so to speak.

Analysis of the consolidation concept

Levels of Service-Evaluation

The first step in analyzing if a combined station system would benefit the residents and visitors of the Village of Lake Zurich and the Lake Zurich Rural Fire Protection District was to understand issues associated with Levels of Service (LOS), standards and mandates regarding fire rescue service, and if a combined station would improve these levels of service. It is important to recognize that when a fire rescue station is established within a particular geography, some of the citizenry protected will be “next door” to the fire station and some will be at the far-reaching area of that station, however, still within an expected “LOS” delivery area. It should also be recognized that placement of a fixed fire station building alone does not guarantee a more rapid response to any particular area. Other important factors that must be recognized in providing an expected LOS include, but are not limited too:

- Number of incidents that may keep a station’s unit (unavailable) or total committed time.
- Number of separate apparatus able to respond, from any one station.
- Natural or man-made barriers, such as railroad crossings, water masses and inaccessible roadways.
- Are apparatus in a station at a time of call or are they in the community training, responding from a secondary location (another distant station), or Automatic Aid Units/Agreements.
- Back-up time from any of the nearest available emergency unit.

An accurate diagnostic of our LOS is measured by utilizing an annual review of all calls within a specific geographical zone and the average ability in which Fire Rescue resources were able to arrive at the emergency within a prescribed time benchmark. The data collected and researched has been recorded and calculated for a period of 20 months.

Level of Current Service

Process

The following standards are used when developing a Fire Rescue service delivery response model:

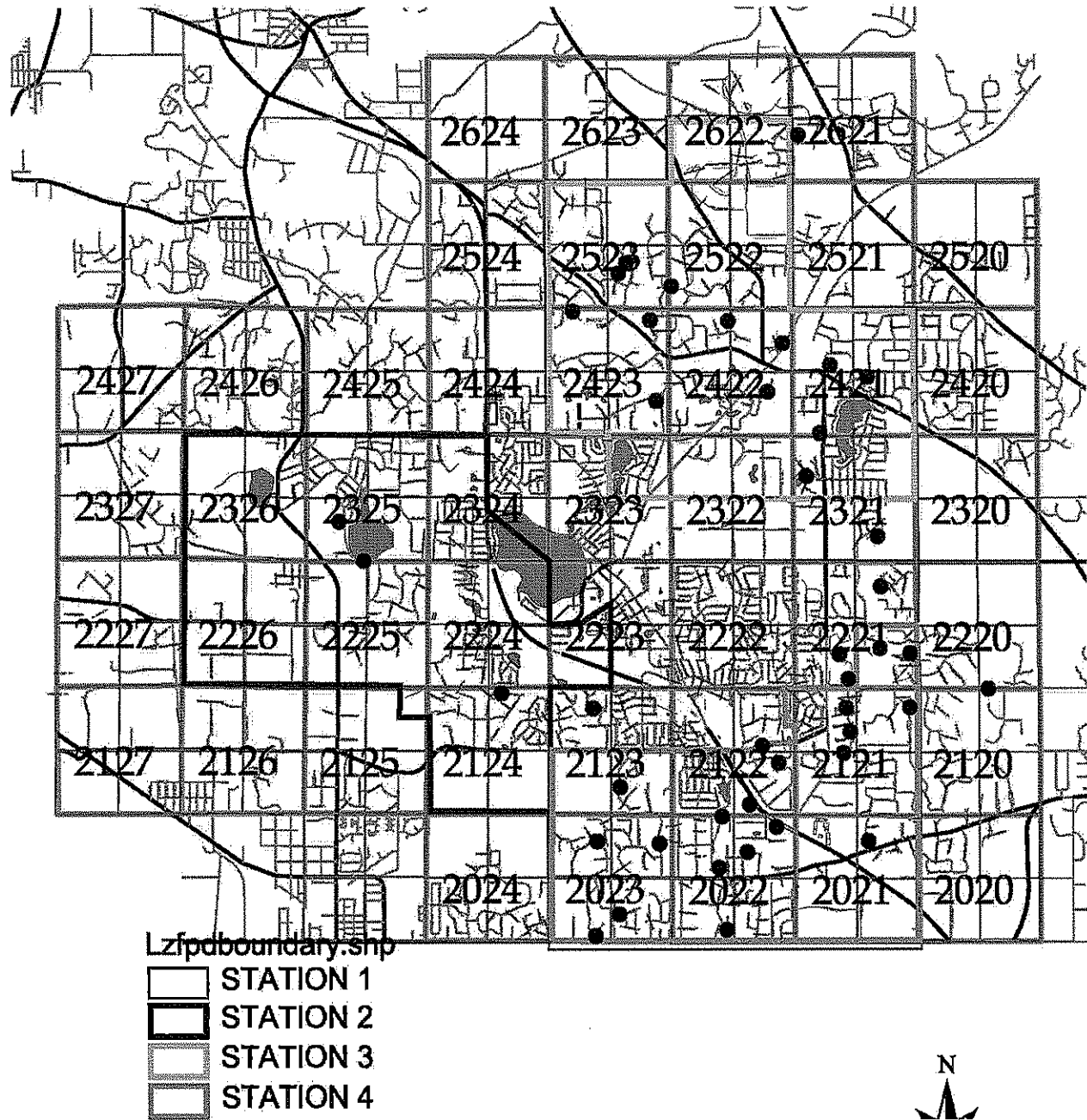
- Emergency Medical Service (EMS) studies have indicated that patients who have suffered cardiac arrest, trauma, or stopped breathing must receive life sustaining treatment within four to six minutes to prevent permanent damage to the body system and brain damage (Meyers, 1994 \ American Heart Association, 1999).
- The National Fire Protection Agency (NFPA) recommends, the first fire due engine should be within 2 miles of residential, 1.5 miles within commercial areas and within 1 mile of buildings that require more than 5,000 gallons per minute fire flow and service level objectives should be established by the jurisdiction for technical rescue, hazardous materials response, emergency medical services (EMS) as well as fire suppression. In each of these criteria, apparatus and equipment objectives should be identified, along with response times and staffing.

- The Insurance Services Office (ISO) recommends that first due fire engine should be located within 1.5 miles of major built up areas. Travel distances of 5 road miles or more.
- The International City Management Association advocates utilizing a compass to plot response times as one-minute gradients around existing stations. (One fault identified with this method is that fire engines and trucks must use the existing roadways, and cannot reach an emergency scene “as the crow flies”).
- The Commission on Fire Accreditation International (CFAI) defines a fire management zone as "An area used to define or limit the management of a risk situation" and "A geographic area that is classified according to one or more risk categories". CFAI also recognizes a first due area as "The portion of a jurisdiction that each response company has been assigned to be the first unit to arrive."

Undertaking the task of meeting adequate LOS performance, our staff performed a study of the average response times and the occupancies potentially affected by consolidation. Our department uses the Lake County Geographical Grid System to map our service district into small geographical targets.

Districts

LAKE ZURICH GRIDS



The Grid map establishes 4 response Districts and 1 mile square target grids.

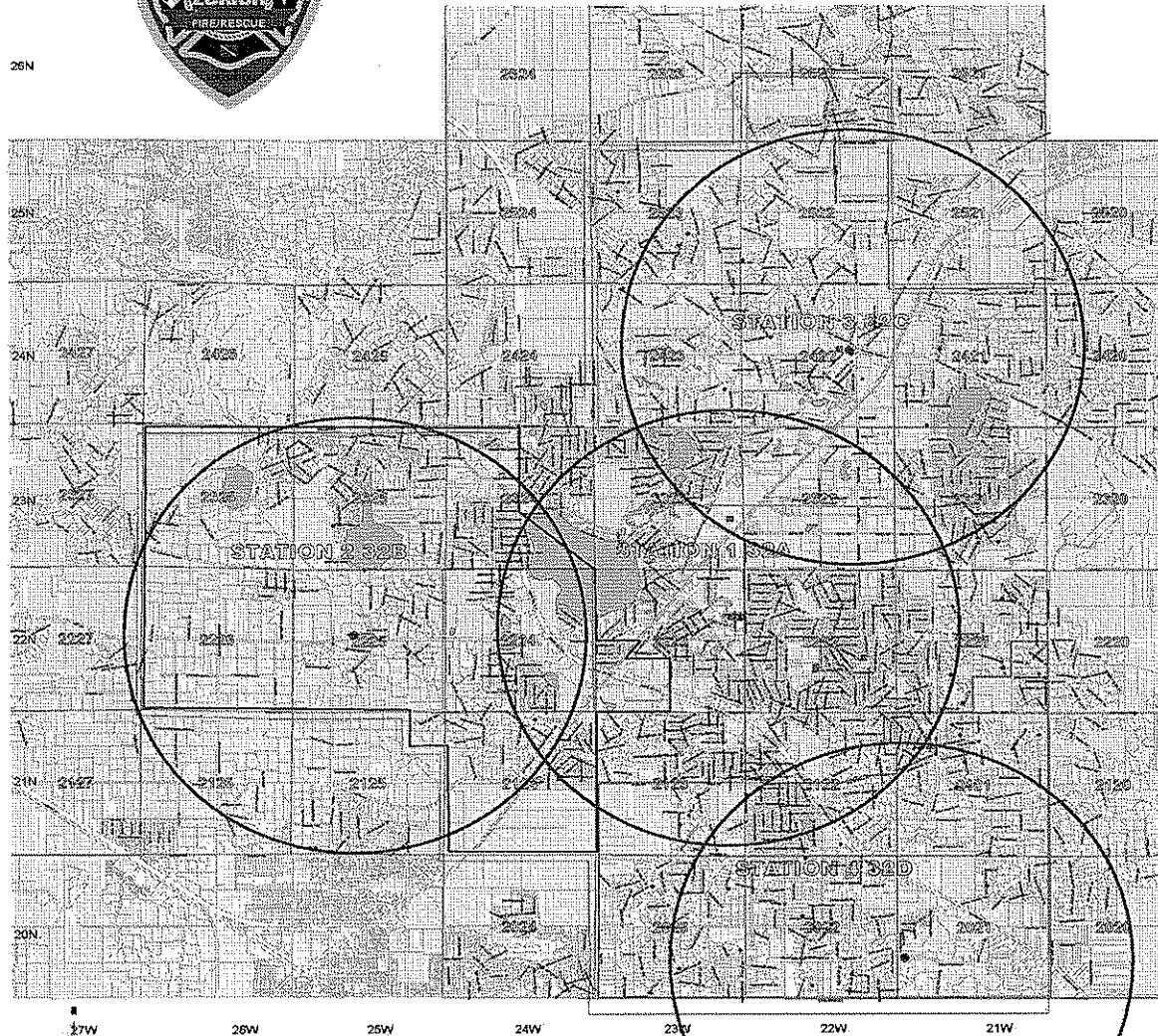
The Grid is further broken down into quarter sections at .50 miles.

2122 C



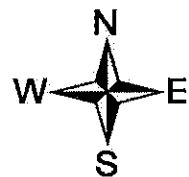
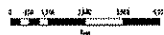
Current Fire Station Locations

LAKE ZURICH FIRE/ RESCUE AREA MAP



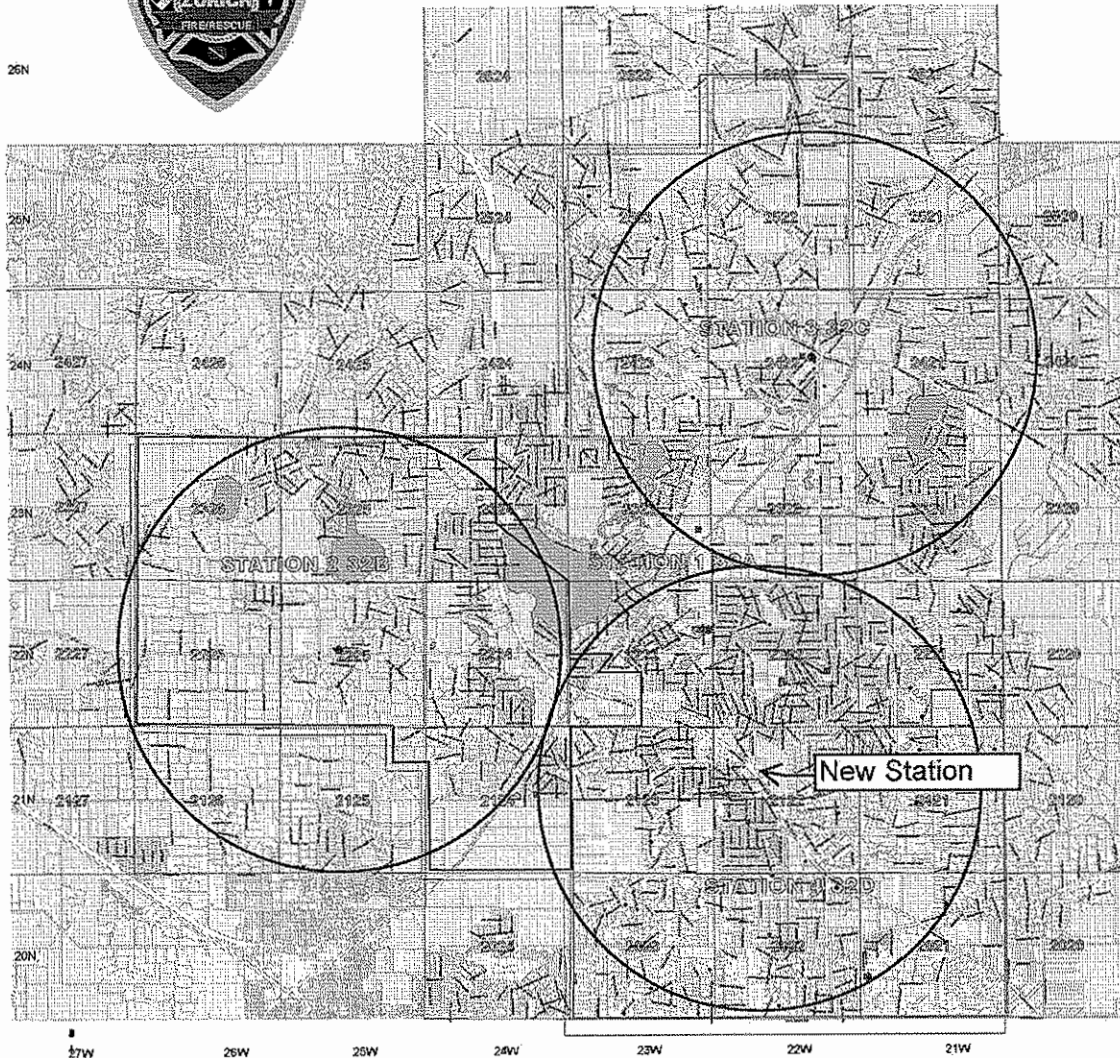
Legend

- STATIONS
- DISTRICTS**
- REC_NUM**
- ☐ STATION 1
- ☐ STATION 2
- ☐ STATION 3
- ☐ STATION 4
- LANDINGZONES
- DRYHYDRANT



Consolidation of VLZ #1 and LZRFP #4 to New Headquarters

LAKE ZURICH FIRE/ RESCUE AREA MAP



Legend

- STATIONS
- DISTRICTS**
- REC_NUM**
- ☐ STATION 1
- ☐ STATION 2
- ☐ STATION 3
- ☐ STATION 4
- LANDINGZONES
- DRYHYDRANT



Observation

Given the current build-out of our four fire stations, you may see that the Lake Zurich Rural Fire Protection District Station #4 is not placed correctly to provide the best Standard of Cover for the geographic region. Clearly, more than one third of its coverage is outside of the boundary of Fire District.

In reviewing the new station location map, the red circles indicate a 1.5 mile radius which is accepted for commercial development. A 2 mile radius is accepted for residential, and if applied to the map would close in some of the areas which is primarily residential in nature, as each station would expand.

Our current ISO report indicated we needed seven (7) engine companies to cover our area. That is not an attainable number and thus balancing ISO parameters versus reality is a must.

Response Times

As noted in the recent Organizational review, the department needs to monitor and implement some specific benchmarks in regards to our response times.

We need to better our turn-out time; the time from the point the call is paged out to the en-route time of the vehicle, and ultimately improve some of our response times overall.

Given a twenty month call review the data below represents our response data for a 2 mile area from the edge of our district. The first data indicates the response time of the first arriving apparatus in the D (station 4) response area.

FIRE.AREA Still District D
 YEAR (All)
 ORDER 1

Table 1

Average of
 Response2

GRID	TYPE ASSIST OTHER	EMS	FIRE	NON EMERGENT	SRT	#N/A	Ave to EMS/FIRE
2021A		0:04:35	0:05:10	0:06:35			0:04:52
2021B		0:05:51	0:05:44	0:07:50			0:05:47
2021C		0:04:26	0:05:23	0:04:26		0:03:53	0:04:54
2021D		0:04:48	0:05:54	0:07:09			0:05:21
2022A		0:05:20	0:06:11	0:06:12			0:05:45
2022B		0:05:38	0:05:02	0:04:58			0:05:20
2022C		0:06:17	0:09:54				0:08:05
2022D	0:01:00	0:04:48	0:09:12	0:06:12			0:07:00
2023A		0:06:32	0:08:24	0:07:52			0:07:28
2023B		0:06:25	0:05:59	0:09:29			0:06:12
2023C	0:05:53	0:06:57	0:09:50	0:06:56			0:08:24
2023D		0:06:26	0:07:14	0:07:56			0:06:50
2121A		0:06:18	0:07:05	0:09:24			0:06:41
2121B		0:08:13	0:08:02	0:09:36			0:08:08
2121C		0:05:54	0:05:35	0:08:53			0:05:44
2121D		0:06:55	0:06:24	0:10:57			0:06:39
2122C		0:06:10	0:06:19	0:07:14			0:06:14
2122D		0:05:47	0:05:03	0:06:35			0:05:25
2123D		0:06:55	0:05:57	0:08:39			0:06:26
2221D		0:07:21	0:08:33	0:11:09			0:07:57
Average of Response2		0:06:05	0:06:51	0:07:47			

This table represents an average of all first arriving units to the Deer park area.

Still District D
(All)
(All)
(Multiple Items)

1

Count of Response2	TYPE						
GRID	ASSIST OTHER	EMS	FIRE	NON EMERGENT	SRT	#N/A	Total Count
2021A		59	40	50			149
2021B		50	49	77			176
2021C		19	15	25		1	60
2021D		24	15	14			53
2022A		3	11	2			16
2022B		22	4	3			29
2022C		10	7				17
2022D	1	16	5	2			24
2023A		8	3	1			12
2023B		15	4	2			21
2023C	1	19	5	1			26
2023D		13	6	4			23
2121A		14	5	7			26
2121B		7	3	1			11
2121C		28	3	2			33
2121D		10	4	1			15
2122C		58	16	14			88
2122D		23	5	4			32
2123D		18	3	5			26
2221D		4	1	6			11
Total		420	204	221		1	848

Table 3

FIRE.AREA Still District D
 YEAR (All)
 MONTH (All)
 TRUCK 32am4, 32e4
 ORDER 1

Average of
 Response2

TYPE						Ave to EMS/FIRE
GRID	ASSIST OTHER	EMS	FIRE	NON EMERGENT	#N/A	
2021A		0:04:03	0:04:50	0:06:03		0:04:26
2021B		0:04:58	0:05:05	0:07:10		0:05:02
2021C		0:03:50	0:05:03	0:04:06		0:04:27
2021D		0:04:28	0:05:04	0:07:09		0:04:46
2022A		0:05:20	0:07:11	0:06:12		0:06:15
2022B		0:05:00	0:04:40	0:04:58		0:04:50
2022C		0:06:06	0:09:27			0:07:47
2022D	0:01:00	0:04:04	0:09:36	0:06:12		0:06:50
2023A		0:06:18	0:08:24	0:07:52		0:07:21
2023B		0:06:21	0:05:59	0:06:13		0:06:10
2023C	0:05:53	0:06:34	0:10:06	0:06:56		0:08:20
2023D		0:06:26	0:07:02	0:07:56		0:06:44
2121A		0:06:25	0:07:09	0:09:23		0:06:47
2121B		0:08:13		0:09:36		0:08:13
2121C		0:05:09	0:05:09	0:07:46		0:05:09
2121D		0:06:47	0:05:27	0:10:57		0:06:07
2122C		0:06:00	0:06:41	0:07:15		0:06:21
2122D		0:05:46	0:04:31	0:05:43		0:05:09
2123D		0:06:42	0:07:19	0:08:41		0:07:00
2221D		0:08:18	0:08:33	0:10:08		0:08:25
		0:05:50	0:06:42	0:07:23		

The above data reflects station 4 equipment being first on scene and the average response time. From the data listed in the Table 1, which is all units, only a few areas are improved upon.

Table 4

FIRE.AREA Still District D
 YEAR (All)
 MONTH (All)
 TRUCK 32am4, 32e4
 ORDER 1

Count of
 Response2

Response2	TYPE					
GRID	ASSIST OTHER	EMS	FIRE	NON EMERGENT	#N/A	Total Count
2021A		44	29	45		118
2021B		37	34	63		134
2021C		17	13	20		50
2021D		21	13	14		48
2022A		3	7	2		12
2022B		14	2	3		19
2022C		8	5			13
2022D	1	13	3	2		19
2023A		6	3	1		10
2023B		14	4	1		19
2023C	1	13	3	1		18
2023D		12	5	4		21
2121A		9	3	5		17
2121B		7		1		8
2121C		23	1	1		25
2121D		8	3	1		12
2122C		47	7	13		67
2122D		20	2	3		25
2123D		13	1	4		18
2221D		2	1	5		8
Total		331	139	189	0	661

Out of the 848 totals calls being used in the data set, 661 are handled by station 4 companies.

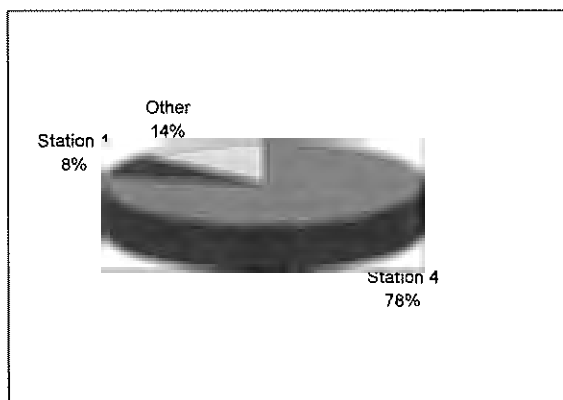


Table 5

FIRE.AREA Still District D
 YEAR (All)
 MONTH (All)
 TRUCK 32am1, 32e1, 32tr1
 ORDER 1

Average of
 Response2

TYPE						Ave to EMS/FIRE
GRID	ASSIST OTHER	EMS	FIRE	NON EMERGENT	#N/A	
2021A		0:07:13	0:05:21	0:10:16		0:06:17
2021B		0:07:35	0:08:34	0:10:49		0:08:05
2021C		0:07:50		0:07:35	0:03:53	0:07:50
2022B		0:06:33				0:06:33
2022C		0:08:09	0:11:05			0:09:37
2022D		0:09:59	0:11:55			0:10:57
2023B		0:07:10				0:07:10
2023C		0:06:32				0:06:32
2121A		0:06:14		0:09:15		0:06:14
2121B			0:07:40			0:07:40
2121C		0:11:50		0:10:00		0:11:50
2121D		0:07:26				0:07:26
2122C		0:06:17		0:06:54		0:06:17
2122D		0:05:54	0:06:36	0:09:13		0:06:15
2123D		0:05:55				0:05:55
2221D		0:05:53				0:05:53
		0:07:22	0:08:32	0:09:09		

If we select only station 1 equipment responding into station 4's area, the response times are longer. However, these times can be expected to decrease by 1.5 to 2 minutes per incident based upon the relocation of station 1.

The route from Buesching Rd. to Rt 12 and S Old Rand is just around 1 mile and with curves, stops and traffic, adds considerably to time out to Rt 12.

Table 6

FIRE.AREA Still District D
 YEAR (All)
 MONTH (All)
 TRUCK 32am1, 32e1, 32tr1
 ORDER 1

Count of
Response2

TYPE

GRID	ASSIST OTHER	EMS	FIRE	NON EMERGENT	#N/A	Total Count
2021A		5	3	3		11
2021B		8	4	10		22
2021C		1		3	1	5
2022B		4				4
2022C		1	1			2
2022D		1	1			2
2023B		1				1
2023C		1				1
2121A		1		1		2
2121B			1			1
2121C		2		1		3
2121D		2				2
2122C		5		1		6
2122D		1	2	1		4
2123D		3				3
2221D		1				1
Total		37	12	20	1	70

Summary

The response data indicates that given a new location on Rt 12, we should be able to adequately cover the Deer Park area. The information that we need to relay from the Fire Districts standpoint, is the essence of greater coverage for the entire southern area.

With two responding companies more strategically placed, the overall response profile should improve.

There are a number of opportunities for us to increase our emergency services, better our operational efficiency and provide new services such as the fire safety house.

If the Village Hall concept were to move forward we would be creating a unique inter-governmental relationship that would foster savings for both entities. This coordination of efforts and facilities would be a great example of governmental entities working together to create overall efficiencies in service to its citizens. Municipal complexes are not new, but co-locating two different governmental entities on this scale is much rarer. An opportunity to set a very positive example of cooperation exists.

Actions:

We have established that part of this project is based upon perceived improvements to the Fire and EMS operations.

The other important action needed is for the Village to determine the level of emergency services (Fire & EMS) it can fund. That decision alone impacts a number of areas within this project. The Fire Department's Operational Analysis Report address' many of the facets that should go into making that decision and it does provide an understanding of where the Fire Administration stands on recommendations.

This will be a substantial undertaking and much planning is ahead us if the Village Board agrees to pursue it further.