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Donna DeSiato, Superintendent ESM School District
Manlius Historical Society
John Regan

VILLAGE OF MINOA
BOARD OF TRUSTEES
NOVEMBER 16, 2009

The regularly scheduled meeting of the Village Board of the Village of Minoa was held at the Municipal Building in the Village Board Room, 240 N. Main St, on November 16, 2009.

PRESENT: Mayor Donovan
Trustee Brazill
Trustee Champagne
Trustee Cronk
Trustee Theobald
Attorney Steve Primo
Clerk/Treasurer Snider
Attendant Mike Macko

ABSENT: None

ALSO PRESENT: Dennis Erard, Fire Chief Patrick Flannery, Erich Schepp, Past Chief Don Greveling, Jeff Chrissley, Todd Durantini, Scot Garland, Matt McGarrity, Jeremy Erard, Dan DeLucia, Thomas Petterelli, Dave Matthes Jr., Ed Cook Jr., Chris Beers, Mark McMaster, and John Sears

Mayor Donovan opened the meeting at 7:38 p.m. with the Pledge of Allegiance led by Trustee Theobald.

TOWN OF MANLIUS
SUPERVISOR
RESULTS / ED
THEOBALD

Mayor Donovan and the Village Board congratulated Trustee Theobald for winning the election for Supervisor for the Town of Manlius.

MINUTES OF VILLAGE Tabled
BOARD MEETING –
NOVEMBER 2, 2009

MINOA FIRE
DEPARTMENT /
LADDER TRUCK
PRESENTATION

Mayor Donovan introduced the presenter as Don Grevelding, former Fire Chief of the Minoa Fire Department, who has over 21 year of firefighting experience, 13 years as a chief officer, 4 years as an Onondaga County Fire Instructor, 2 years as a nationally certified Fire Instructor, 10 years as an Onondaga County and City of Syracuse Fire Dispatcher, and is currently a shift supervisor at Onondaga County 911.

Mayor Donovan said that after Past Chief Grevelding gave his presentation on the proposed ladder truck, he would allow the Board and the public an opportunity to discuss the ladder truck.

Past Chief Grevelding said Committee members have reviewed the vehicle replacement plan of Engine 22 for the past three years and the Committee has a cumulative Fire Department experience of over 184 years that included past, present and current officers.

Attached hereto as Schedule “A” is the PowerPoint presented by Past Chief Grevelding and the following is a summary of his comments and the presentation:

- Engine 22 is currently out of service and the estimates to rehab the engine are approximately \$100,000 and described the engine problems.
- Described alarm calls between 2004-2008: 2004 (611 alarms), 2005 (668 alarms), 2006, (530 alarms), 2007 (457 alarms), and 2008 (530 alarms)
- Comparison of volunteer and career staff numbers among area fire departments and their staffing schedules. Volunteerism is reduced in a few fire departments and is often difficult to get back-up if the career staff members are out on calls. The Minoa Fire Department has never failed to show up for a fire call in our Fire District and we are still dependent upon neighboring fire departments in our response plans.
- Detailed responses in Mutual Aid for 2007 and 2008 and those area fire departments have never failed to support the Minoa Fire Department. Their big concern is the firefighting numbers on the arriving truck and will they arrive in the time that is needed.
- Past Chief Grevelding provided a map of area Fire Districts and the location of their stations. East Syracuse is the closest station to the Minoa District line at 1.62 miles and Fayetteville at 1.71 miles. The Village of Fayetteville Fire Department responds to approximately 3,100 alarms every year and they are a busy department. East Syracuse Fire Department responds to approximately 1,000 calls per year. Based on the national average of an 8 minute response time in the East Syracuse district, their mutual aid truck would be either 2nd or 3rd due to any house fire in the Minoa Fire District.
- Described Minoa Volunteer Fire Department company operations and responsibilities during an alarm such as rescue victims, water supply, maintain equipment, exposure protection, etc.

- Showed detailed photos of the difficult process of stabilizing a roof ladder manually and expressed concern over lightweight construction that creates a dangerous and unstable condition for firefighters.
- Showed detailed photos of Engine 22 and its inability to reach the roof of a home located in Minoa Farms due to the large setback of the home. New homes in Minoa Farms and Erie Village have approximate setbacks of 60 to 80 feet.
- Presentation had a video that showed a house fire with the roof caving in during a demo fire and discussed the construction material and timing of the fire.
- Showed detailed photos of an E-One demo 100' ladder truck on the same property and discussed the advantages of providing a safer alternative to the manual roof ladder process.
- Past Chief Grevelding said the demo 100' ladder truck worked proficiently throughout the Village and the Fire District, as well as in difficult cul-de-sac areas.
- Discussed utilization of the vehicle for ventilation, first arriving pumper, elevated master stream, unlimited use on the CSX Railroad, 7 ESM school buildings, numerous industrial facilities, 5 housing developments, 4 adult and independent living facilities, and 4 multi family apartment complexes.
- The CSX Railroad has low water pressure system and the 100' ladder truck would be able to extend into the rail yard and discussed difficulty bringing water into the rail yard currently.
- Showed a video of a roof fire that could potentially occur within the Village due to property similarities and the need to have a 100' ladder truck as first on the scene.
- Bid results: Tyler Fire Equipment (Pierce) - \$738,554, E-One - \$760,241, and Custom Emergency Vehicles (Ferrara) - \$752,807.09 and provided pictures of the engines.
- Discussed the selection criteria which included an aluminum ladder (lighter weight), positive latching waterway, outrigger spread and design, all terrain set-up, deployment time, aerial length, turning radius, tank capacity, warranty, maintenance, and overall vehicle weight. The Ferrara ladder was made of steel and the Committee did not recommend purchasing that apparatus due to the weight, though it was a nice truck.
- The Committee recommended the E-One 100' ladder truck based on the outrigger design and they incorporate 2 sets of underslung stabilizers integrated with the vehicle frame rails, as well as the Aerial Torque Box. The Pierce truck is equipped with an H-style stabilizer and the Committee was not comfortable with the safety design.
- Past Chief Grevelding said that they recognize that the E-One ladder truck was \$21,687 more than the Pierce truck, but they feel that based on safety concerns that the E-One truck has never had a catastrophic failure and is the vehicle they are recommending which is an E-One 100' HP Aerial Ladder w/ Cyclone II Chassis with the underslung jacks.
- Discussion ensued regarding catastrophic failures.

BOARD COMMENTS

Attorney Primo said that Lance Stolp, Village Mechanic, had worked on the specs diligently and had recommended the Pierce ladder truck when asked for his opinion. Past Chief Grevelding said that he has been on four previous apparatus committees and they chose the E-One based on safety concerns and the jacking system. Past Chief Grevelding said they reviewed other engines, but they did not bid on the spec because of the aluminum ladder requirements. Mayor Donovan said that Mr. Stolp reviewed the mechanical end of things and it is the responsibility of the Fire Department and the Board to decide which apparatus is purchased. Mayor Donovan said that Mr. Stolp was fine with either truck, but preferred the Pierce truck based on previous service history.

Trustee Theobald asked if the Pierce truck's catastrophic failures were based on operator error or vehicle error. Fire Chief Patrick Flannery said that the failures were due to both. Trustee Theobald said the safety is the ultimate concern, but wanted to clarify if it was the manufacturing of the vehicle. Mayor Donovan said that representatives from Tyler Fire Equipment provided clarification of the catastrophic failures due to operator error and prior manufacturing from a company that Pierce had purchased with carryover inventory and their explanation was file in the Clerk's Office.

PUBLIC COMMENTS

Mayor Donovan reminded the public that it was not a Public Hearing, but wanted to hear their comments and asked that they direct their questions to him.

Jeff Chrissley, 109 Whiskwood Lane, had the following comments:

- He felt that the call volume was not broken down enough and feels that the actual fire calls did not warrant the purchase of a 100' ladder.
- He did not believe the 8 minute response time for East Syracuse Fire Department was correct, requested their actual response time and said that the Village of Minoa should depend on mutual aid for a ladder truck.
- He said that he was a full-time Fire Chief for the Air National Guard
- There isn't a necessity for a ladder truck and not owning one will not prevent the firefighters from doing their job. Mr. Chrissley suggested they get an engine without an aerial device if necessary as opposed to a ladder truck to reduce costs.
- The ladder truck only holds 500 gallons and if there isn't an adequate water supply at the CSX Railroad the ladder truck would be useless.
- Asked what the true cost was to rehab Engine 22, and said that he had heard approximately \$22,000 to \$100,000 to rehab Engine 22. He said that rehabbing the truck would add life to the truck and delay the purchase of the new truck. Chief Patrick Flannery said that representatives that quoted the repair of Engine 22 suggested that it was not worth it to sink money into an older engine and was not a maintainable option.

Mayor Donovan said that Engine 22 is a high volume aerial device and was not meant to be a rescue device. He said that he is concerned about the safety of the firefighters and Engine 22

is not dependable at this time. Mayor Donovan said that the Air National Guard also has a foam truck on their premises and planes are not crashing repeatedly, but they still need to have the equipment available that will complete the job in case of an emergency.

Mark McMaster, 86 Windebank Lane, asked the following questions:

- How would the truck be paid for? Through bonding and the Fire Protection Contract with the Town of Manlius.
- Has the Fire Department ever been denied the availability of a ladder truck during mutual aid? Mayor Donovan said that there have been instances with short mutual aid support and is thankful for the support that has been provided.
- Can they man the ladder truck with a four person volunteer trained staff during the day?

Don Grevelding said that there is not a requirement for the Village of Minoa to have a ladder truck, but they are requesting the truck for safety purposes so that they can operate the truck with four volunteers and they can roll with two apparatuses with eight firefighters on the road.

Mr. Chrissley persisted that Past Chief Grevelding provide the response times from area fire departments and the number of responders. Past Chief Grevelding said that the Village of Minoa is dependent on their neighboring departments and thankful for their assistance; therefore, was not going to make negative comments regarding their response times.

Ed Cook, Jr., 593 Pinwheel Circle, Manlius, said that he is a firefighter with the City of Syracuse and has never cut a roof from a ladder truck. He said they rarely use a ladder truck except to shoot water at a fire. Mr. Cook said that Fayetteville should be put back on the Response Box for a ladder truck; the Village should depend on Mutual Aid for a ladder truck and use ground ladders to cut into a roof when necessary. Discussion ensued regarding putting the Village of Fayetteville on the Response Box.

Mayor Donovan said that the Manlius and Fayetteville villages run a combination Ambulance/Fire Department and it is sometimes difficult to expect them to turn out a truck if they are on an Ambulance call. He said they are seeing an increase in medical calls.

Mr. Chrissley said that he doesn't believe that the Minoa Fire Department supports the response time and volunteers to run a ladder truck. Mr. Chrissley said he has concerns that there are not enough volunteers to respond to the calls on a ladder truck. Past Chief Grevelding said that it was important to have a ladder truck first on the scene and that's why East Syracuse is the first priority for a ladder truck. Trustee Brazill said that there is a misconception that Minoa does not have the manpower to respond to calls and said there is always a crew available to respond. Trustee Brazill said that he is thankful for their active volunteers.

Mr. Chrissley said there are not enough structure fire calls to justify purchasing a ladder truck and the data does not reflect the need for a ladder truck.

Mayor Donovan thanked the audience for their comments and would keep them under consideration.

**BID RESULTS /
LADDER TRUCK /
TABLED**

Trustee Brazill suggested that the decision be tabled for the next meeting scheduled for December 7, 2009. Trustee Brazill said that E-One and Tyler Fire Equipment have both provided confirmation that they would hold the price for another 45 days for decision making purposes and the fuel emission engines would remain the same as per their bids.

Mayor Donovan said they are comparing bonding versus leasing and would have information for the Board at the next meeting.

**MINOA FARMS / FINAL
PLAT APPROVAL FOR
PHASE 3A**

Attorney Primo said that a Preliminary Plat was previously submitted with the condition that the Final Plat remain consistent and that the punch list required in the resolution be completed. Attorney Primo said that the Village Board received a letter from Alex Wisniewski, Village Engineer, detailing outstanding items. He said that if the Board approves the Final Plat that they do it subject to the satisfaction of the conditions in the letter dated November 12, 2009 before any Certificate of Occupancies are issued. Attorney Primo said the Village would reserve the right to withhold issuing Building Permits in the future if the work is not completed in a timely manner.

Mayor Donovan reported that while the developer was moving soil in the back southwest corner of Minoa Farms they discovered that cow manure was buried many years ago on the property and is being addressed by the Developer. He said that he was informed that this was not uncommon for a farmer to do and would be handled.

Mayor Donovan said that he was requesting approval from the Board to move forward with the resolution with the condition that the topcoat, catch basins, and drywall be completed immediately before the Final Plat is approved. Mayor Donovan said that there is a family interested in building in Phase 3A and would like the items addressed before building activity begins in Phase 3A. Thomas Petterelli said that Phase 3A has been mapped out for the installation of utilities.

Trustee Brazill questioned the swale problems behind lots 31-36 and 61-69 and Attorney Primo said that the swales need to be fine graded, top spoiled, seeded and mulched. Mayor Donovan said that he had previously spoken with Mr. Powers, 118 Forest View Lane, and he was comfortable with the work that was completed in the back of his property.

Trustee Champagne said that he was frustrated that they have not completed the original resolution requirements and the park has not yet been completed.

PHASE 3A MINOA FARMS FINAL PLAT APPROVAL

A motion was made by Trustee Brazill and seconded by Trustee Theobald to approve the Minoa Farms, Part Two, Phase 3A Final Plat subject to addressing the first three (3) issues immediately and the remaining items within 30 days per the letter from Alex Wisniewski, Village Engineer, dated November 12, 2009 and attached hereto as Schedule "B":

- Several catch basin grates have been partially paved over and need to be

opened and completed immediately before approval and filing of the map.

- Install a drywell immediately in the Norbert Place cul-de-sac before approval and filing of the map.
- Pave or install compacted stone in the temporary turn-a-round within Phase 3A to accommodate Village snowplows immediately before approval and filing of the map.
- Due to uncompleted items, a security deposit would need to be made before the Final Plat is filed by either Letter of Credit or by Bond as determined by the Village Engineer to secure the work within 30 days.
- Subject to approval by the Village Attorney.
- Subject to approval by the Village DPW Superintendent.
- An agreement with the Developer as to the resolution of the manure burial area concern within 30 days.
- Subject to contingency items in the original Preliminary Plat approval resolution not yet satisfied will need to be completed before a Certificate of Occupancy is issued except for any emergency or similar conditions as determined by the Codes Enforcement Officer.

All in favor. Motion carried.

**REQUEST
PERMISSION TO
ATTEND
TRANSFORMING THE
STRIP SEMINAR**

A motion was made by Trustee Brazill and seconded by Trustee Cronk giving permission for members of the Village Board, Planning Board and ZBA to attend the Transforming the Strip Seminar on December 3, 2009, Manlius, NY at a cost of \$65.00 per person.

**MS4 STORMWATER
COALITION MEETING**

A motion was made by Trustee Champagne and seconded by Trustee Brazill giving permission for Mayor Donovan to attend the MS4 Stormwater Coalition meeting offered by the Central New York Regional Planning & Development Board on November 18, 2009, Clay, NY at no cost.

**OCRRA / 2010
REGISTRATION
RENEWAL**

A motion was made by Trustee Brazill and seconded by Trustee Cronk ratifying prior approval authorizing Mayor Donovan to sign the Annual Permit Application for use of the OCRRA facilities for 2010 and submit same to OCRRA. All in favor. Motion carried.

**AMEND ELECTION
LEGAL NOTICE**

A motion was made by Trustee Theobald and seconded by Trustee Champagne to amend the Election Legal Notice designating the following offices and terms: two (2) Trustees with four (4) year terms, one (1) Trustee with a two (2) year remaining term, and one (1) Justice with a four (4) year term. All in favor. Motion carried.

AMBULANCE

REQUEST PERMISSION TO ATTEND DIFFICULT AIRWAY COURSE

A motion was made by Trustee Champagne and seconded by Trustee Brazill giving permission for Keith Brandis and Joseph Paul to attend the Difficult Airway Class on April 23 & 24, 2010, Geneva, NY at a cost of \$350.00 per person plus lodging and travel expenses. All in favor. Motion carried.

REQUEST PERMISSION TO ATTEND PEDIATRIC ADVANCED LIFE SUPPORT

PALS CLASS

A motion was made by Trustee Cronk and seconded by Trustee Champagne giving permission to Joseph Paul and John Barattini to attend the Pediatric Advanced Life Support PALS class on November 30, 2009 and December 2, 2009, Oneida Healthcare Center, Oneida, NY at a cost of \$150.00 per person. All in favor. Motion carried.

FIRE DEPARTMENT

REQUEST PERMISSION TO USE FIRE STATION II FOR A BIRTHDAY PARTY

A motion was made by Trustee Brazill and seconded by Trustee Champagne giving permission for Charles Spratt to host a birthday part at Station II on December 5, 2009. All in favor. Motion carried.

REQUEST PERMISSION TO ATTEND NYS WEEKEND NATIONAL FIRE ACADEMY / GREVELDING, FLANNERY, GARLAND & DURANTINI

A motion was made by Trustee Champagne and seconded by Trustee Theobald giving permission to Chief Patrick Flannery, Don Grevelding, Scott Garland, and Todd Durantini to attend the 25th Annual New York State Weekend National Fire Academy in Emmitsburg, MD, March 19-21, 2010 at a cost of \$200.00 per person. All in favor. Motion carried.

DPW

RATIFY PRIOR APPROVAL / RAY EDWARDS / ACCRUED VACATION DAYS

A motion was made by Trustee Theobald and seconded by Trustee Champagne ratifying prior approval authorizing Ray Edwards to use two (2) days of accrued vacation in 2009 for 2010 per employee's written request for bereavement purposes. All in favor. Motion carried.

WWTF

SUNY ESF SURVEY SCHOOL PROJECT

Mayor Donovan reported that SUNY-ESF mailed out a brief survey about the Wastewater Treatment Facility as part of a school project and their completed survey and report would be provided to Steve Giarrusso for informational purposes only.

TRUSTEES' REPORT

Trustee Champagne had nothing to report.

Trustee Theobald said the Tree Lighting Ceremony was scheduled for December 6, 2009 at 5:00 pm. He said that he is coordinating the luminary distribution with the Boy Scouts.

Trustee Cronk had nothing to report.

Trustee Brazill had nothing to report.

MAYOR'S REPORT

Mayor Donovan reported that he had attended the NYCOM Executive Meeting and Legislative Meeting. He said that there was a list of priorities that he would provide for the Board to review. He said that NYCOM sends a group of Mayors to Albany in February to discuss the list of priorities with elected officials in the Legislature. Mayor Donovan said the highest priority is mandate relief from required items that the Federal and State government impose on small municipalities. He said the Board should receive information shortly about the February meeting and asked that the Board try to attend if possible.

ATTORNEY'S REPORT

Attorney Primo had nothing to report.

AUDIT CLAIMS

A motion was made by Trustee Champagne and seconded by Trustee Brazill that claims on Abstract #12 in the amounts of General Fund - \$64,259.03 (Vouchers 453-505); Sewer Fund – \$30,947.09 (Vouchers 195-213); and Capital Fund (H4) - \$3,556.00 (Voucher 007) for a total of \$98,762.12 be audited and paid. All in favor. Motion carried.

**TREASURER'S
REPORT – OCTOBER
2009**

A motion was made by Trustee Theobald and seconded by Trustee Cronk to accept the Treasurer's Report for the month of October 2009 as recorded. All in favor. Motion carried.

PUBLIC COMMENTS

Jeff Chrissley asked if it was possible to get a left turn signal light on Fremont Road and North Central Ave. Mayor Donovan suggested that he contact the New York State Department of Transportation and the Village had previously requested the light that currently exists there. Mayor Donovan said that the Town of Manlius Police could be helpful and that their Onondaga County Legislators could be contacted as well. Trustee Theobald said that he has an upcoming meeting with the Town of Manlius Police and would discuss his concerns at the meeting. Trustee Theobald said that it was recognized as a congested area and said their concerns should be expressed. Discussion ensued regarding the traffic history in the Fremont Road area and the potential changes at the CSX Railyard.

Chris Beers thanked the Minoa Fire Department for their presentation and said that the description was helpful. Mr. Beers said that as a taxpayer, he would need to know what the effect of purchasing, or not purchasing, a new truck would have on his taxes. Mayor Donovan said the Board is looking at no increase in taxes to purchase the truck, but recognizes that NYS Retirement expenses have increased, State Aid has been reduced and the state of the economy effects revenues and cannot guarantee that the tax rate would stay the same. Clerk/Treasurer Snider said a portion of the ladder truck purchase would be paid through the Town of Manlius Fire Protection Contract and they apply their Town taxes according to the budget submitted and the Village tries to keep the budget consistent.

Jeff Chrissley said the Village should hold off on purchasing the truck to see where the other expenses fall. Mayor Donovan said that the Village would either need to purchase a new vehicle or repair Engine 22 to maintain proper service for the residents. Mayor Donovan said they are carefully reviewing bonding and leasing options and will have a better projection at the next meeting.

Chris Beers asked for a copy of the letter from Alex Wisniewski, Village Attorney, regarding Minoa Farms. Mayor Donovan said he can request it through the Village Office and a copy will be attached to the minutes.

Dan DeLucia said that residents from Minoa Farms are concerned about the railroad noises now that the leaves are off the trees and asked if there was ever any discussion about installing a sound barrier. Mayor Donovan said they had discussed a sound barrier in the initial stages of the development, but it was expensive for a developer to install and suggested that they contact Elliot Lasky. He said that it is a railroad village and there really isn't anything to be done about the noise. Mayor Donovan said that Elliot Lasky did agree to

keep as many trees as possible and said that he would express his concerns to Mr. Lasky. Trustee Champagne said that once the development is built up more it will decrease the sound of the trains.

Dan DeLucia asked what the Village would do with the older engine if it has a low resale value. Mayor Donovan said the engine would probably go out for online auction either through Onondaga County or New York State (which has more exposure). He said that there isn't a large market for this particular apparatus, especially one in need of repair.

John Sears said that the developer of Minoa Farms was given the opportunity to make money in the Village of Minoa and said that it doesn't cost a lot of money to plant sapling trees. Mayor Donovan said that Mr. DeLucia was referring to construction walls to reduce sounds. Mr. Sears suggested that the Village of Minoa work with SUNY ESF and find out what trees would work as a good sound barrier.

Jeff Chrissley said there was heavy traffic congestion on Fremont Road and asked who was responsible for installing a left hand turn signal heading south on Fremont Road and turning onto N. Central Avenue. Mayor Donovan said that the Onondaga County Department of Transportation was responsible for installing a light. Discussion ensued and it was agreed that the Village of Minoa would send an official request to the Onondaga County Department of Transportation, Town of Manlius and County Legislator Bill Meyer.

ONONDAGA COUNTY DEPARTMENT OF TRANSPORTATION SIGNAL LIGHT REQUEST

A motion was made by Trustee Brazill and seconded by Trustee Ron Cronk authorizing a letter to be sent to the Onondaga County Department of Transportation requesting a left turn signal heading south on Fremont Road and turning onto N. Central Avenue and to mail a copy of the letter to the Town of Manlius and Onondaga County Legislator Bill Meyer. All in favor. Motion carried.

EXECUTIVE SESSION – IN A motion was made by Trustee Champagne and seconded by Trustee Brazill to go into Executive Session at 9:35 p.m. to discuss the medical, financial, credit, or employment history of a particular person or corporation, or matters leading to the appointment, employment, promotion, demolition, discipline, suspension, dismissal or removal of a particular person or corporation and the proposed sale of real property owned by the Village. All in favor. Motion carried.

EXECUTIVE SESSION - OUT A motion was made by Trustee Champagne and seconded by Trustee Theobald to come out of Executive Session at 10:50 p.m. All in favor. Motion carried.

ADJOURNMENT A motion was made by Trustee Theobald and seconded by Trustee Cronk that the Village Board Meeting be adjourned at 10:50 p.m. All in favor. Motion carried.

Respectfully submitted,

Suzanne M. Snider

Suzanne M. Snider

Village Clerk/Treasurer

Minoa Volunteer Fire Department



Station # 1

Station # 2

100% Volunteer



Minoa Volunteer Fire Department

- 2 Fire Stations
- 4 Engines
- 1 Rescue
- 1 Squad
- 61 Volunteers Firefighters
- 16 Life Members
- 9 career EMS Staff

Minoa Volunteer Fire Department



Engine 22



Engine 24



Rescue 2

Minoa Volunteer Fire Department



Engine 11



Engine 13



Squad 1

Minoa Volunteer Fire Department



Engine 22

1992 Emergency One 50' Tele-boom

6 man cab

500 Gallon Tank

1500 GPM Pump

Has failed its latest ladder certification. Estimated to be over \$100,000 to repair

Minoa Volunteer Fire Department

2004

- 95 Fires
- 3 Explosions / Ruptures
- 248 Rescue Alarms
- 39 Hazardous Conditions
- 41 Service Calls
- 36 Good Intent Calls
- 147 False Alarms
- 1 Weather Related Alarm
- 1 Special Incident

611 Total Alarms

2005

- 100 Fires
- 2 Explosions / Ruptures
- 318 Rescue Alarms
- 46 Hazardous Conditions
- 58 Service Calls
- 18 Good Intent Calls
- 126 False Alarms

668 Total Alarms

Minoa Volunteer Fire Department

2006

- 68 Fires
- 251 Rescue Alarms
- 49 Hazardous
Condition
- 46 Service Calls
- 12 Good Intent Calls
- 104 False Alarms

530 Total Alarms

2007

- 31 Fires
- 164 Rescue Alarms
- 61 Hazardous
Condition
- 47 Service Calls
- 81 Good Intent Calls
- 73 False Alarms

457 Total Alarms

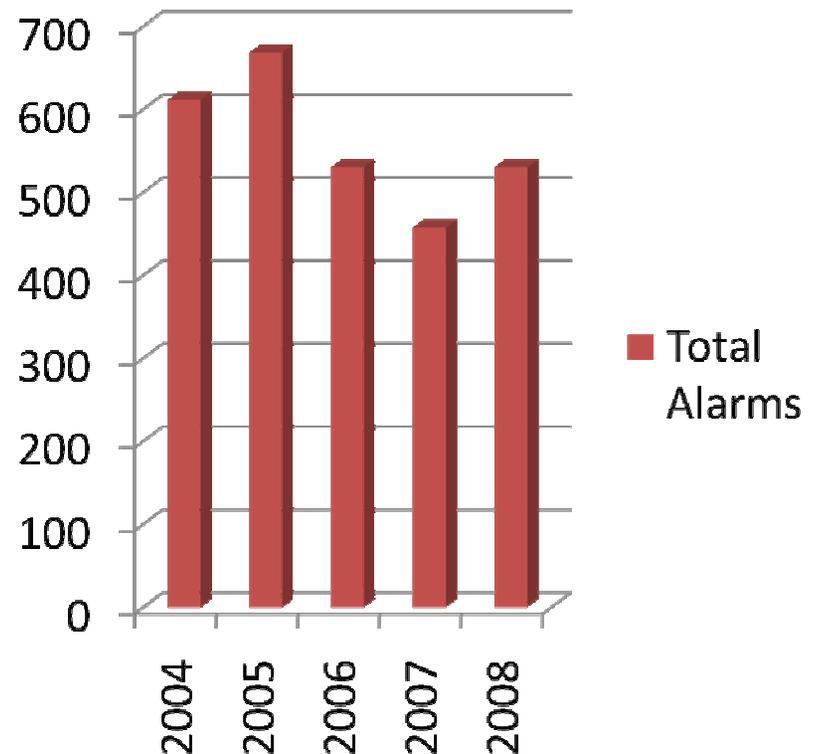
Minoa Volunteer Fire Department

2008

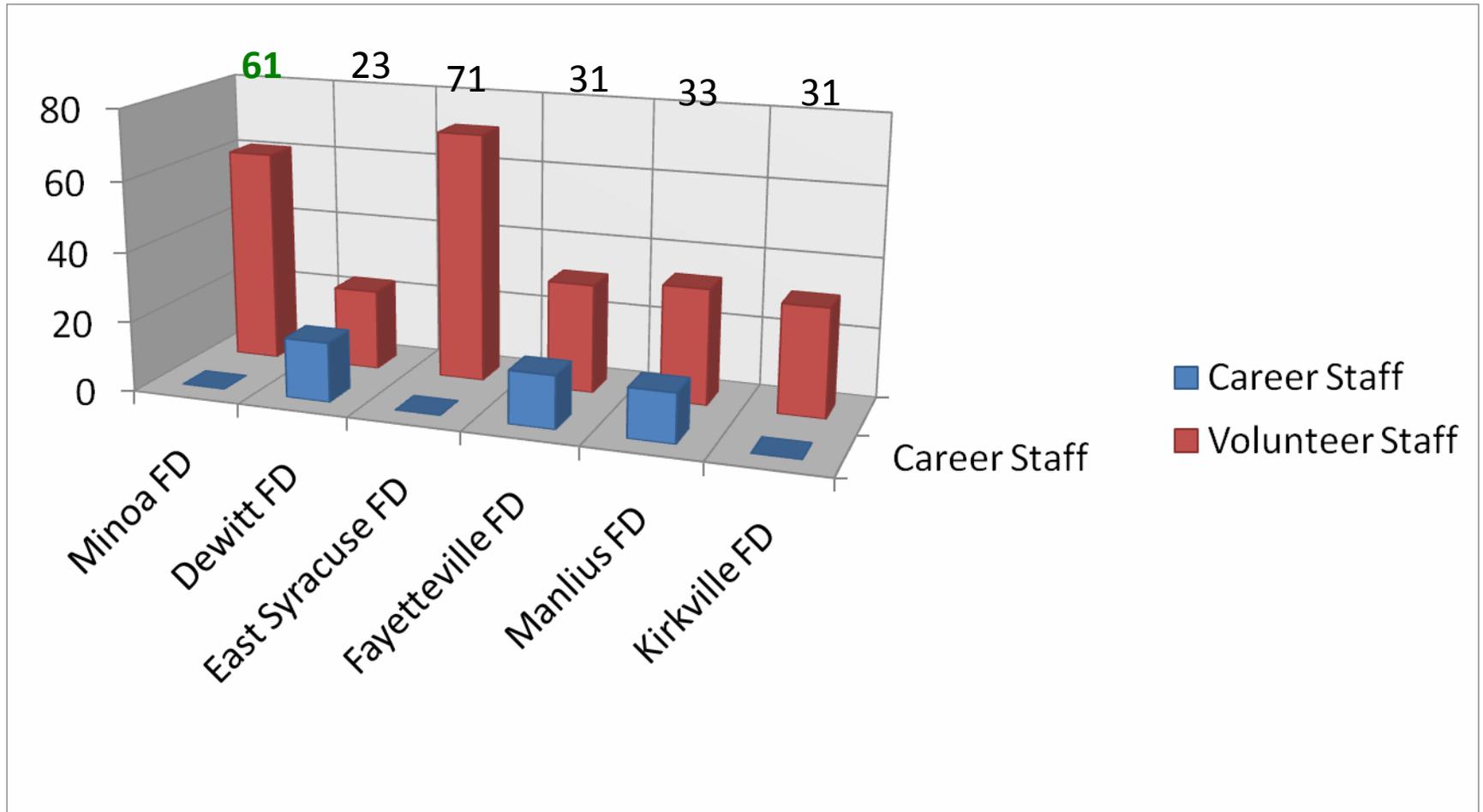
- 48 Fires
- 230 Rescue Alarms
- 67 Hazardous Condition
- 30 Service Calls
- 32 Good Intent Calls
- 123 False Alarms

530 Total Alarms

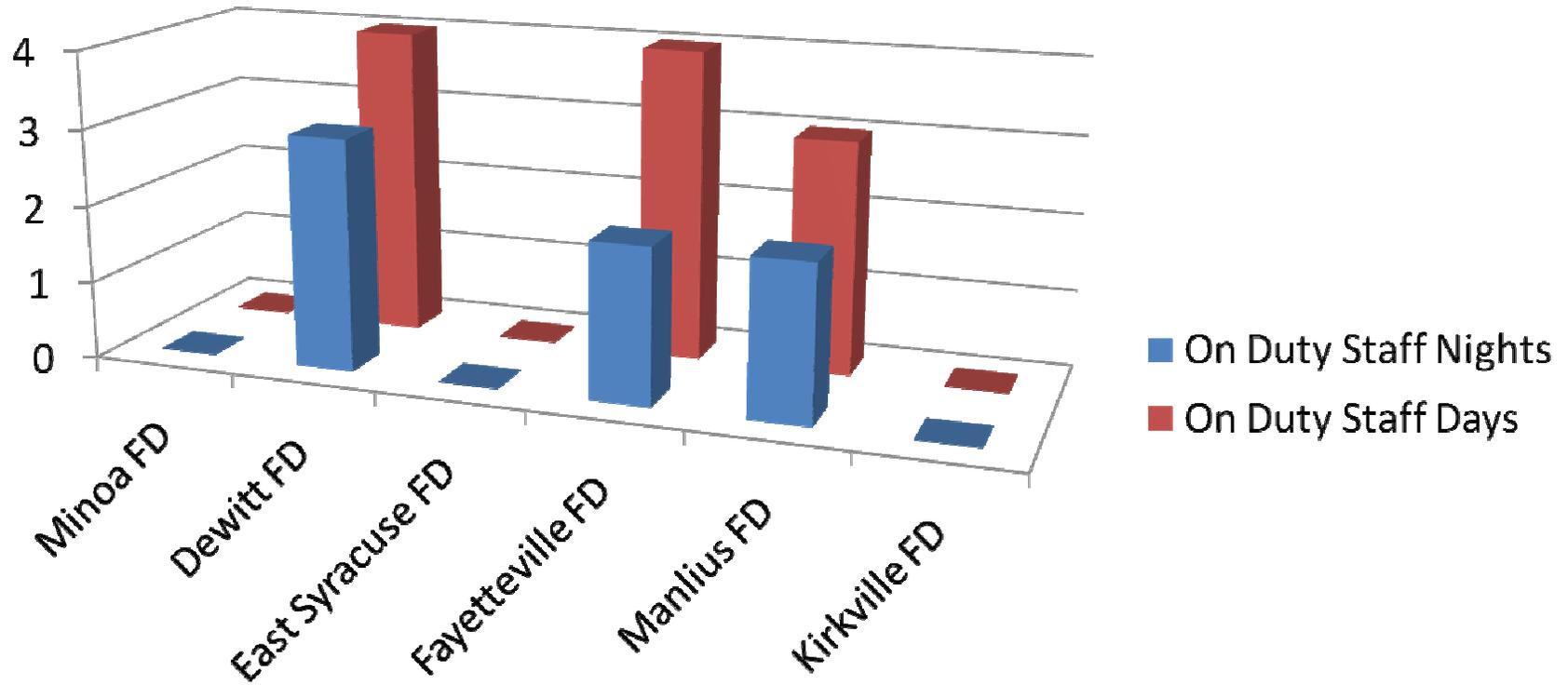
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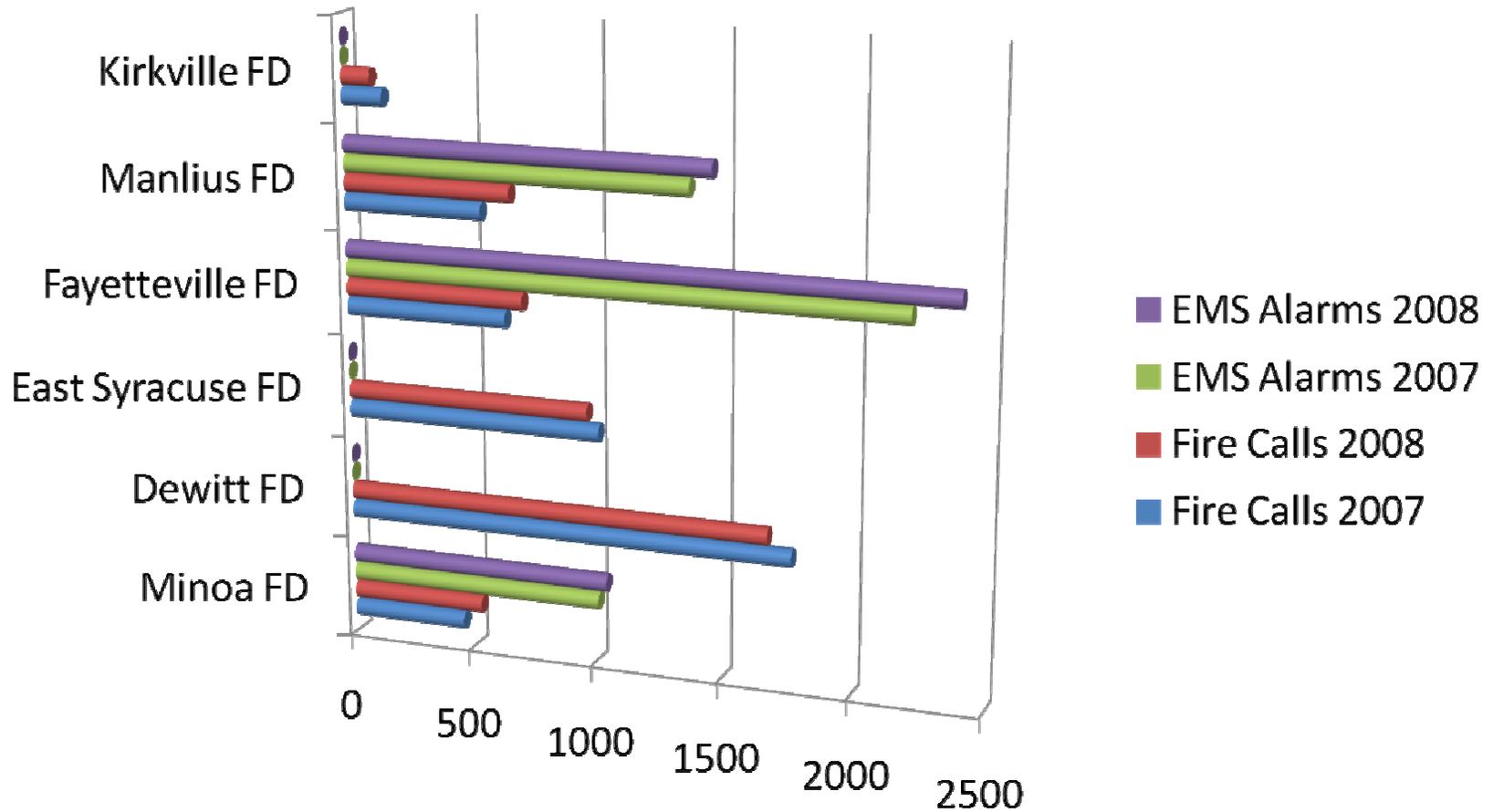
Minoa Volunteer Fire Department



Minoa Volunteer Fire Department



Minoa Volunteer Fire Department



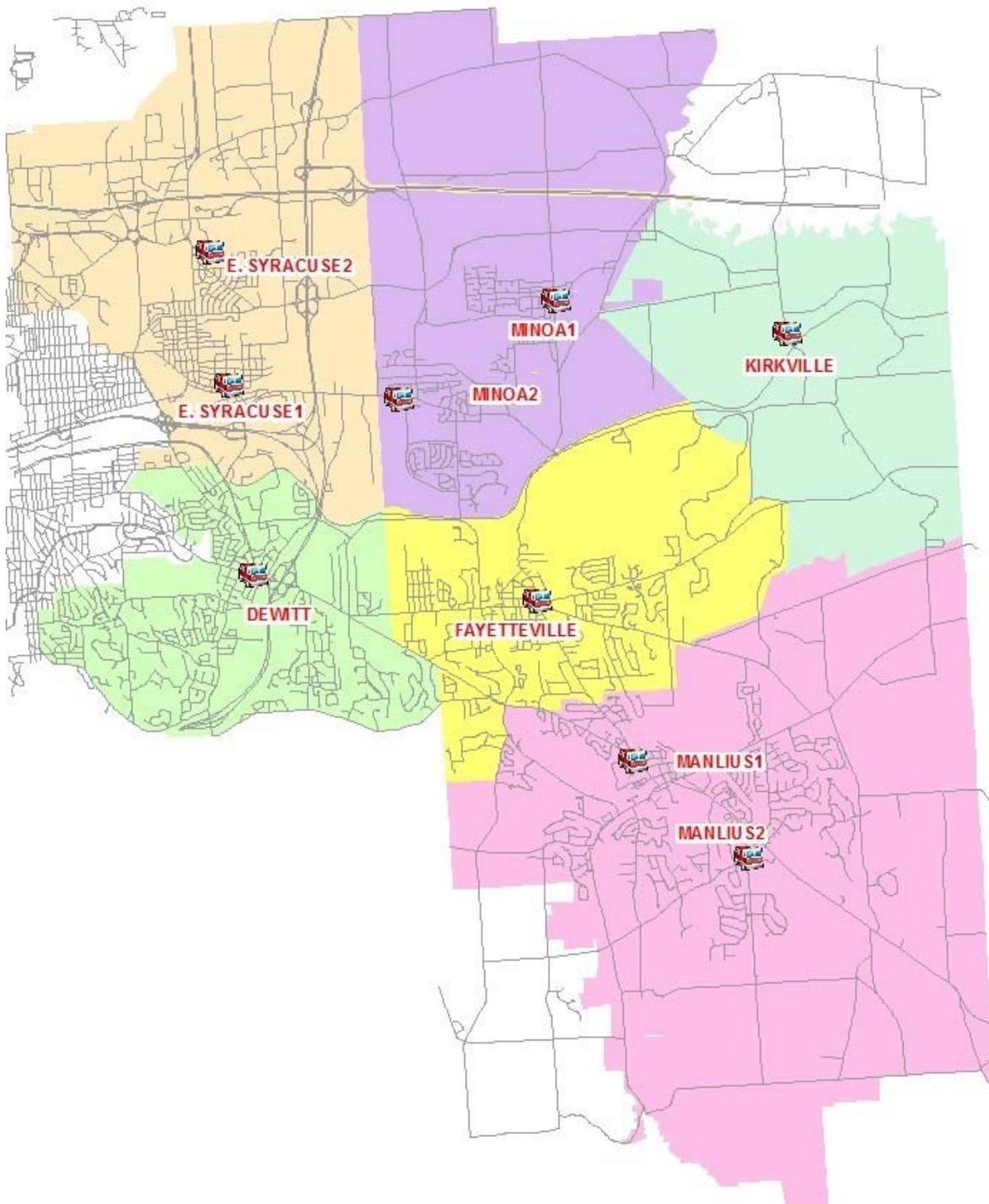
Minoa Volunteer Fire Department

Fire Department Responses for 2007 and 2008						
Fire Department	2007 EMS Calls	2007 Fire Calls	Total	2008 EMS Calls	2008 Fire Calls	Total
Minoa FD	1011	457	1468	1043	530	1573
Dewitt FD		1768	1768		1675	1675
East Syracuse FD		1016	1016		968	968
Fayetteville FD	2202	645	2847	2385	715	3100
Manlius FD	1370	553	1923	1458	668	2126
Kirkville FD		161	161		114	114

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Minoa Volunteer Fire Department

- Our Closest Mutual Aid Trucks would be the East Syracuse Truck 1 or Truck 2 and Fayetteville Truck 1.
- Distance to the Minoa District Line
- East Syracuse Truck 1 1.62miles
- East Syracuse Truck 2 3.2miles North Side
- Fayetteville Truck 1 1.71miles

Mutual Aid Response

- Fayetteville's Truck Response
3100 Alarms that Fayetteville responds to every year. That is one call every 2 ½ - 3 hours all day every day.
- East Syracuse's Truck Response
They answer around 1000 calls per year but that is with a 100% Volunteer response and with a National average 8 minute response time in the East Syracuse response district.
- That would put the mutual aid truck either 2nd or third due to any house fire in the Minoa Fire District.

Minoa Volunteer Fire Department

Engine Company Operations

- Rescue Victims
- Water Supply
- Initial Fire Attack
- Back Up Fire Attack (2nd Line)
- Exposure Protection
- Heavy Water Stream
- Tactical Use of Protective Systems (Standpipes)
- Overhaul

Minoa Volunteer Fire Department

Truck Company Operations

- Rescue Victims
- Ventilation (Vertical and Horizontal)
- Laddering
- Forcible Entry
- Check for Fire Extension
- Ladder – Pipe Operations
- Utility Control
- Salvage
- Overhaul

Minoa Volunteer Fire Department



Minoa Volunteer Fire Department



Minoa Volunteer Fire Department



Minoa Volunteer Fire Department



Minoa Volunteer Fire Department



Minoa Volunteer Fire Department



Minoa Volunteer Fire Department



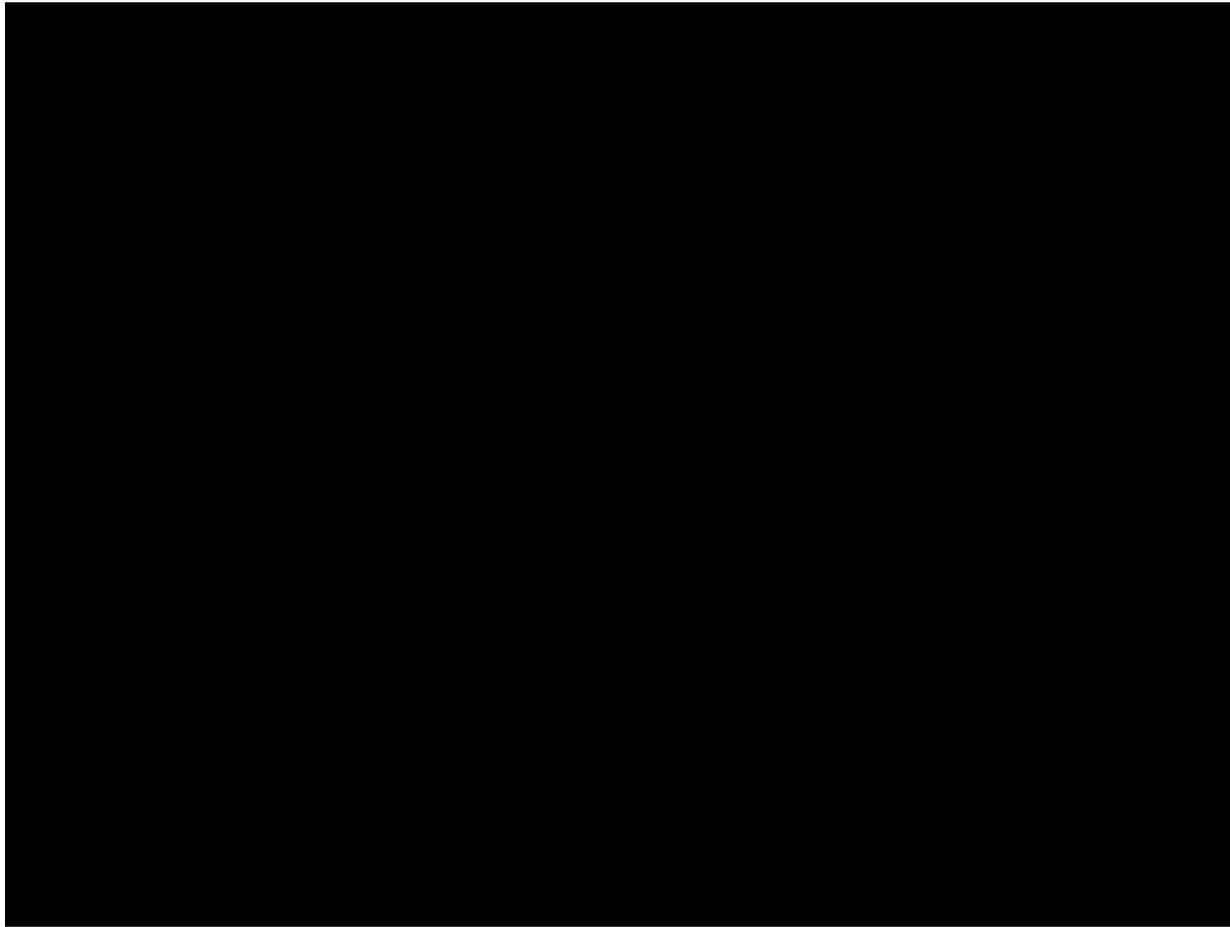
Minoa Volunteer Fire Department



Minoa Volunteer Fire Department



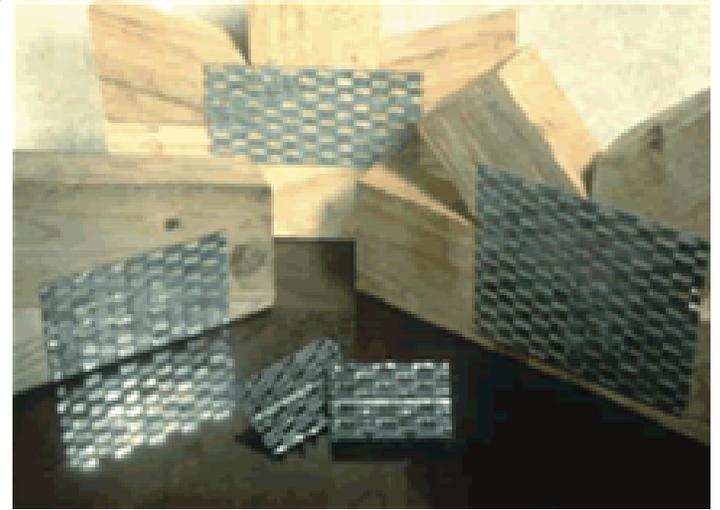
What We Try To Avoid



What We Try To Avoid



Light Weight Building Components



Minoa Volunteer Fire Department



Minoa Volunteer Fire Department



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Minoa Volunteer Fire Department



The Safer Alternative



The Safer Alternative



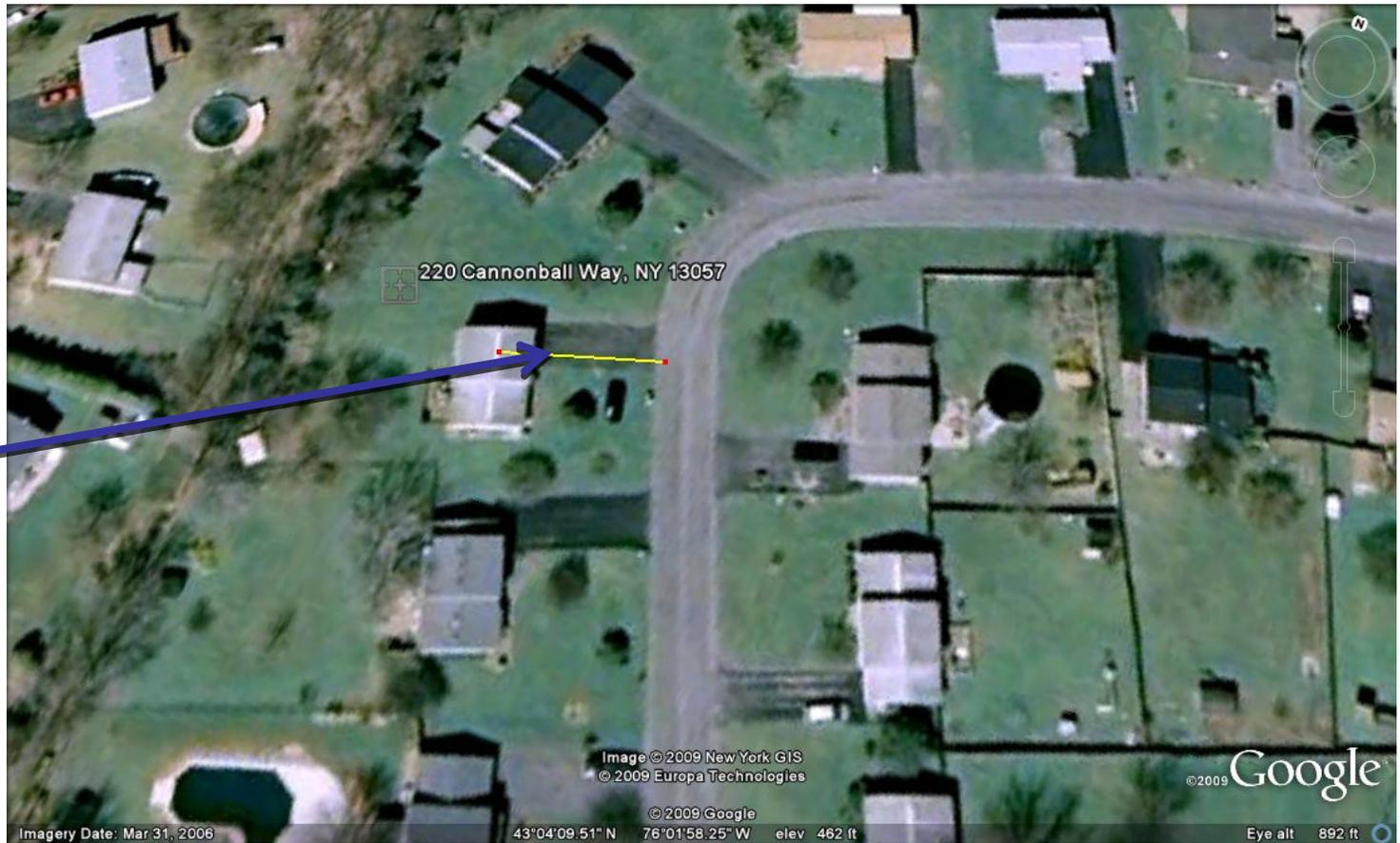
The Safer Alternative



The Safer Alternative



Housing Set Backs



62 feet set
Back to the
ridge vent

Housing Set Backs



77 feet set
Back from
Ridge vent

Housing Set Backs

80 feet
Set back
To the
Ridge vent



Housing Set Backs

70 feet set
Back from
Ridge vent



The Options

- When the Vehicle replacement committee sat down to evaluate our options regarding this replacement we looked at several areas.
 1. **Utilization**, How will the Minoa FD use an aerial device.
 - a) Both Vertical and Horizontal ventilation.
 - b) Basic Firefighting capabilities. This unit can be utilized as a first arriving pumper.
 - c) Elevated Master Stream
 - d) Unlimited use on the CSX Rail lines
 - e) Mass decontamination for Hazardous Materials Incidents

The Options

- f) 7 ESM School buildings (1 administration building, 3 elementary schools, 1 junior high, and 1 high school) with about 3200 children occupied daily, also the ESM Transportation facility .
- g) Several Industrial type facilities. Meadowbrook Treatment Plant, Agway Fuel Farm. CSX (5) 1,000,000 gallon fuel tanks. Bartlett Tree Service, Q-Scapes.
- h) We currently have 5 housing developments that are built with light weight construction material. Metal gusset plates are used as well as OSB and glued connections.
- i) We also have 2 Adult facilities and 2 Adult independent living facilities.
- j) We also have 4 multi family apartment complexes with at least one additional apartment complex in the works.

The Options

- k) On the CSX railroad their hydrant system is notorious for 8PSI when our standard hydrant system averages 90 PSI. We would be able with a 100' ladder to extend into the Rail yard with this unit as a portable water supply.



The Need is There

- It is imperative that the truck arrives either first or second due.



The Bidders

- **Pierce Fire Apparatus** **\$738,554.00**
 - Pierce 100 ft. Aerial Ladder on a Velocity Chassis
- **Ferrara Fire Apparatus**
\$752,807.09
 - Ferrara 107 ft. Aerial Ladder on a Inferno Chassis
- **E-ONE Fire Apparatus**
\$700,044.00

E-ONE



Pierce



Ferrara



The Selection Criteria

- Ladder design and material
- Positive latching waterway
- Outrigger spread
- Outrigger design
- All Terrain Set-up
- Deployment time
- Aerial Length
- Turning Radius
- Tank Capacity
- Pump Capacity
- Warranty
- Maintenance
- Overall Vehicle Weight

Ladder Material

- Both the Emergency One and the Pierce Ladder components are made of Aluminum.
 - This significantly lowers the overall weight of the vehicle.
- The Ferrara Ladder Components are made of Steel Tubing.
 - This was one of several exceptions submitted by Ferrara.
 - Although a very nice ladder truck due to the Steel ladder the committee does not make a recommendation for purchasing this apparatus

Outrigger Design

- This is probably the most important Safety point of the selection process.

E-ONE

- E-ONE incorporates (2) sets of underslung stabilizers integrated with the vehicle frame rails as well as the Aerial Torque Box



E-ONE



Pierce

- Pierce is equipped with (4) hydraulically operated out and down (H-Style) Stabilizers.



Failures

- The committee believes that safety should be our number One deciding factor.
- E-One has never had a catastrophic Failure.

What is a Catastrophic Failure



What is a Catastrophic Failure



What is a Catastrophic Failure



E-ONE vs. Pierce

- No other company in business today other than E-ONE can say that they have never had a catastrophic failure.

Committees Recommendation

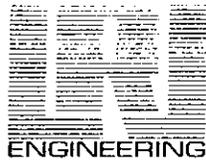
- The committee unanimously recommends the E-ONE 100' HP Aerial Ladder with Cyclone II Chassis.
- We understand how bad the economy is in today's world, but we have shown you that the need is there. I also believe we have shown you that we should also side with a company with a flawless safety record and choose high bid.
- The difference between low bid and high bid is.....

\$21,687.00

Committees Recommendation

**I Believe Safety Warrants The Extra Cost
!!!!**

THANK YOU !!!



L.J.R. ENGINEERING, P.C.

ELTA BUSINESS PARK

8394 ELTA DRIVE

CICERO, NEW YORK 13039

RECEIVED
NOV 16 2009
VILLAGE OF MINOA

November 12, 2009

Village Board
Village of Minoa
240 N. Main Street
Minoa, New York 13116

Attn: Mr. Richard Donovan, Mayor

Re: Minoa Farms – Part Two Phase 3A
File No. 331.005

Dear Board Members:

It is our understanding that the developer of the above referenced project wishes to file the Final Plat for Phase 3A which includes twenty-three (23) lots along Beresford Lane. I understand from the project surveyor that copies of the Final Plan have been provided to the Village Clerk.

Subsequent to receipt yesterday of a plan entitled “Minoa Farms Pt. 2, Phase 3A Final Plan” prepared by D.W. Hannig L.S., P.C. last revised 11/06/09, we have reviewed the plan submitted and offer the following comments related to the Phase 3A Final Plan:

1. The lot layout and configuration appear to be in substantial conformance with the approved Preliminary Subdivision Plan.
2. The Village attorney should review ROW and easement descriptions for conformance with the plan and for completeness. He should also review any proposed protective covenants.
3. The Village sanitary sewers, storm sewers and roadway within Phase 3A have been installed as shown on the Final Plan.
4. The “Typical Lot Layout” detail should be revised such that the sump pump/roof drain connection is clearly labeled.
5. Note 2 on the “Proposed Typical Plumbing Layout” detail should be revised to state: “Sump pump discharges for footings and floor drains along with roof drains shall be piped and connected to the sump pump lateral installed by the developer at the street.”

We have also received as-built topography of the overland drainage ways as prepared by D.W. Hannig L.S., P.C., last revised 11/06/09. We have reviewed this information against the approved Contract Drawings and also performed a site inspection yesterday. Based on this review and inspection, I offer the following comments relative to the status of construction:

Within Phase 3A:

1. Sanitary sewers and drainage facilities have been installed and tested as required. Based on as-built information provided, these facilities have been installed in substantial compliance with the approved Contract Drawings.
2. OCWA has completed installation of their public water supply facilities.
3. Gas, electric, telephone and cable T.V. facilities have not yet been installed.
4. The road binder course has been placed. I noted four or five areas during my site inspection where the road has settled to some degree along utility trench crossings. These areas should be repaired prior to placement of the road top course.
5. The temporary turn-a-round is partially paved and partially compacted stone. If this is determined to be problematic for Village snowplows, the Village should consider if the turn-a-round should be fully paved or fully compacted stone.
6. The road right-of-way has been seeded and mulched, however, significant portions of the site remain disturbed. These areas should be stabilized with a temporary seed mixture and mulch.
7. The rear yard swale behind lots 61-69 needs to be fine graded, topsoiled, seeded and mulched.
8. The rear yard swale behind lots 31-36 needs to be fine graded, topsoiled, seeded and mulched. It should also be noted that standing water was observed within the rear yard swale behinds lots 31-34. Based on my review of the provided as-built topography, this may be due to the fact that the swale is currently flatter than designed, and the temporary swale that it is intended to drain to, is not diverting the upstream contributory area as intended. This should be remedied.
9. Catch basin sumps should be cleared of any sediment accumulated during construction.
10. It was recently discovered that what appears to be an old manure burial area is located at the rear of lots 31 and 32. At one point, contaminated groundwater was seeping from this area with a distinct manure smell and flowing into the Village's drainage system behind lots 22 – 30. This odor was brought to our attention by residents living on Forest View Lane. The contractor has been made aware of the situation and has taken some temporary measures to ensure the groundwater is not flowing to the Village' system. Unless this area is excavated and the contaminated soil removed and disposed of properly, this may be a continual problem for the Village and/or residents in the area. I would suggest that not only the Village has an interest in resolving the issue, but I would think the developer and any potential homebuilder would as well.

Outside of Phase 3A:

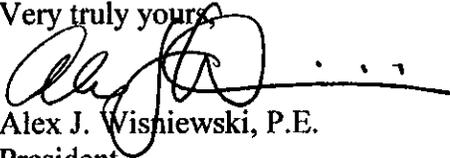
1. Construction of the Village Park has not yet been completed. Unfinished work includes: the installation of a concrete sidewalk along the park entry road; the completion and restoration of the mulch trail system; the striping of the parking area located at the end of South Central Ave; and restoration of remaining disturbed areas within the park area.
2. The road top course has been placed throughout the remainder of the development. Several of the catch basin grates have been partially paved over and are not able to be opened. This was brought to the attention of the paving contractor during the top course placement, but has not yet been addressed. This should be attended to.
3. The drywell that the developer agreed to install in the Norbert Place cul-de-sac has not yet been installed.

Finally, although some work remains to be completed, the developer has the option to file the map subject to receiving Village Board approval and securing all work that is not completed. As such, it would be our recommendation that the Village Board may consider approval of the Final Plat for Phase 3A (23 lots) contingent on the following:

- Approval by the Village attorney
- Approval by the Village D.P.W. Superintendent
- Completion of incomplete work within Phase 3A and/or receipt of adequate securities for incomplete work
- An agreement with the developer as to the resolution of the manure burial area concern
- An agreement with the developer as to the resolution of the three items outside of Phase 3A as listed above

If you have any questions or require further input, please feel free to contact me. As you are aware, I will be on an airplane the evening of November 16th, but while I'm on the ground I will be available by mobile phone if you need to contact me.

Very truly yours,



Alex J. Wisniewski, P.E.
President
L.J.R. Engineering, P.C.

Cc: Suzanne Snider
Dave Hannig
Elliot Lasky
Tom Peterelli
Steve Primo
Dan Shulman