

Board of Fire Commissioners

Fire District #2

Township of South Brunswick

Regular Meeting
Third Monday at 7:30 P.M.
Monmouth Junction Fire House

P.O. Box 114
Monmouth Junction, N.J. 08852

AGENDA ***July 15, 2013*** ***7:30 PM***

1. Notice of Compliance

This meeting is being held in compliance with the Public Law Meeting Notice of the Public Laws of 1975. Notice of this meeting was given by way of annual notice filed with the Township Clerk, The South Brunswick Post, The Home News & Tribune and posted on the bulletin board of the South Brunswick Township Municipal Building, March 2013.

2. Roll Call

3. Address from the Floor

4. Approval of Minutes

A. June 17, 2013 Regular Meeting

5. Professional Reports

A. Fire Chief

B. District Coordinator

C. Insurance Chairman

D. Treasurer

E. Legislative Report

6. Order of Business

A. Discussion on Hurst Rescue Tools

B. Resolution 13-18 Authorizing an Emergency Supplementary
Authorization for Vehicle Extrication Equipment

C. Items Timely and Important

7. Voucher List

(See Attached)

8. Address From Floor

9. Adjournment

Voucher List

<i>A</i>	Kleen-Tec Maintenance, LLC	415.00
<i>B</i>	Midco Waste #689	219.38
<i>C</i>	Verizon Wireless	302.88
<i>D</i>	PSE&G	1,859.73
<i>E</i>	Verizon	277.06
<i>F</i>	Alan Landscaping, LLC	668.75
<i>G</i>	Paramount Exterminating Co.	300.00
<i>H</i>	Motorola Solutions, Inc.	1,543.86
<i>I</i>	Deutsche Bank National Trust Co.	179,646.52
<i>J</i>	Air & Gas Technologies, Inc.	1,373.00
<i>K</i>	Absolute Fire Protection Co.	2,189.05
<i>L</i>	Electronic Measurement Labs, Inc.	494.00
<i>M</i>	McMaster-Carr	231.84
<i>N</i>	McMaster-Carr	29.35
<i>O</i>	Access Health	420.00
<i>P</i>	Fire Security Technologies, Inc.	3,275.00
<i>Q</i>	New Pig Corporation	417.14
<i>R</i>	Witmer Public Safety Group, Inc.	73.00
<i>S</i>	Witmer Public Safety Group, Inc.	421.49
<i>T</i>	TASC Fire Apparatus Inc.	1,425.00
<i>U</i>	Middlesex County Fire Academy	236.00
<i>V</i>	The Bannister Company	76.00
<i>W</i>	Township of South Brunswick	22,541.44
<i>X</i>	Township of South Brunswick	20,000.00
<i>Y</i>	Township of South Brunswick	3,075.81
<i>Z</i>	Monmouth Junction Vol. Fire Department	424.30
<i>AA</i>	Roth Bros., Inc.	961.28
<i>BB</i>	Fire and Safety Services, LTD	1,733.75
<i>CC</i>	Scott Smith	57.03 63.03
<i>DD</i>	United Communications Corp.	35.07
<i>EE</i>	<i>FIRE AND SAFETY SERVICES, LTD</i>	865.00

approved 8-19-13 JS

REGULAR MEETING
SOUTH BRUNSWICK TOWNSHIP
BOARD OF FIRE COMMISSIONERS – DISTRICT #2
July 15, 2013

1. CALL TO ORDER

The meeting was called to order by Chairman Spahr at 7:36 pm followed by a salute to the flag.

2. NOTICE OF COMPLIANCE

Chairman Spahr read the Public Laws Meeting Notice of the Public Laws of 1975.

3. ROLL CALL

Present: Comm. Bellizio
 Comm. Potts
 Comm. Smith
 Comm. Young
 Chairman Spahr

4. ADDRESS FROM THE FLOOR

No one from the floor desired to address the Board.

5. APPROVAL OF MINUTES

A motion made by Comm. Potts seconded by Comm. Bellizio to approve the minutes of the June 17, 2013 regular meeting. Roll call Comm. Bellizio-yes, Comm. Potts-yes, Comm. Smith-yes, Comm. Young-yes, Chairman Spahr-yes.

6. PROFESSIONAL REPORTS

Chief's Report

Chief Scott Smith reviewed the June 2013 Activity Report (see attached).

Chief Smith reported that all three Township Fire Departments participated in the annual Township Fireworks standby on Friday July 5th.

Chief Smith reported that the Fire Department is moving forward with the disbanding of the trench rescue team. Chief Smith mentioned that he is working on revisions to the trench rescue standard operating guideline, as well as the dispatch protocol. Chief Smith will be meeting with one of the team leaders from the Middlesex County Urban Search & Rescue team to gauge their interest in obtaining our trench rescue trailer and associated equipment. Chief Smith further reported that he will be looking to meet with representatives from the Township Department of Public Works to inform them of our decision to disband the team.

Chief Smith reported that the portable radio that was approved for purchase last month for use on mutual aid calls was ordered and received. Chief Smith expects to have the radio programmed in the next week or two.

Chief Smith reported that he has been in contact with a company in Pennsylvania to manufacture custom replacement netting to secure the cross-lay hose lines on Engine 206. Chief Smith reported that the current netting is difficult to disconnect and catches the hose as it is being deployed. Chief Smith expects the netting to cost approximately \$250.00 and will be installed in-house.

District Coordinator's Report

Coordinator Smith reviewed the July 2013 Coordinator's Report (see attached).

Insurance Chairman's Report

Coordinator Smith reviewed the July 2013 Insurance Report (see attached).

Treasurer's Report

Comm. Young reported that there was one deposit since the last meeting. The deposit was made on July 12, 2013 in the amount of \$250.00 from the South Brunswick Township Election Account for use of the building during the primary election.

Comm. Young distributed the latest monthly financial reports to the Commissioner's mailboxes earlier this afternoon.

Legislative Report

Comm. Potts reviewed the July 2013 Legislative Report (see attached).

7. ORDER OF BUSINESS

Discussion on Hurst Rescue Tools

Chief Smith reported that the Fire Department is encountering difficulties with the current rescue tools when operating at motor vehicle accidents. Specifically, Chief Smith reported that the high-strength steels utilized in new vehicle construction has resulted in increased patient extrication times when attempting to utilize the current hydraulic cutters. Chief Smith provided a document to the Commissioners which details background information on the rescue tools currently in service, as well as information on the new vehicle technology that is causing these increased times.

Although he anticipated researching the topic this year and providing a plan for purchase in the future, Chief Smith recommends purchasing this replacement equipment as soon as possible, following a serious accident last week where similar difficulties with the rescue tools were again encountered. Chief Smith recommended a purchase of (1) Hurst high-pressure cutter, (1) Hurst high-pressure power unit, and (2) 16' high-pressure extension hoses. Chief Smith provided a quote from Tasc Fire Apparatus, who is the authorized Hurst vendor for the area, in the amount of \$15,290.25 under NJ State Contract.

Comm. Young reported that following initial discussion on this topic last week, he began researching what actions were necessary to purchase the equipment. Comm. Young determined that there were two issues; one being that the equipment would be considered capital, and two that these items were not included in the budget for 2013. Comm. Young contacted the State twice to obtain guidance going forward, and read through the statutes concerning emergency

appropriations. After reading the statute and confirming with the State, Comm. Young determined that the Township Committee would have to approve the emergency appropriation. Comm. Young spoke with Township Finance Officer Joe Monzo several times, and drafted a resolution for adoption by the Board which was approved by Fire District Attorney Richard Braslow. Comm. Young reported that Mr. Monzo requested a letter from the District's auditor and attorney stating that they concur with the appropriation. Comm. Young reported that the auditor was reluctant to provide such a letter in order to maintain his independency. However, Mr. Braslow did draft a letter to Mr. Monzo expressing his opinion that the appropriation is appropriate and in line with the statute.

Comm. Young reported that the resolution, once passed by the Board, must be passed by the Township Committee by at least 2/3 of its full membership. This step is intended to serve as an oversight function as the purchase was not included in the Fire District budget approved by the DCA. Once the resolution is passed by the Township Committee, the equipment can be ordered.

Resolution #13-18, Authorizing an Emergency Supplementary Authorization for Vehicle Extrication Equipment

A motion made by Comm. Bellizio seconded by Comm. Smith to approve Resolution #13-18. Roll call Comm. Bellizio-yes, Comm. Potts-yes, Comm. Smith-yes, Comm. Young-yes, Chairman Spahr-yes.

Timely and Important

Comm. Young reported that he and Comm. Potts met with the Fire Department's contract committee earlier this evening. Comm. Young further reported that a second meeting has been scheduled for August 5th, which is before the next District and Fire Department meetings. Comm. Young mentioned that he anticipates holding an executive session at the next District meeting to discuss the contract.

Chairman Spahr expressed his appreciation to Comm. Young for his hard work in preparing the emergency appropriation paperwork for the anticipated purchase of the rescue tools.

8. VOUCHER LIST

Comm. Young reported that the voucher list has been amended to include one correction and one additional item. Item #CC to Scott Smith was changed to \$63.03. Item #EE was added to Fire and Safety Services, LTD. in the amount of \$865.00.

A motion made by Comm. Smith seconded by Comm. Bellizio to approve the voucher list as amended. Roll Call Comm. Bellizio-yes, Comm. Potts-yes, Comm. Smith-yes, Comm. Young-yes, Chairman Spahr-yes.

9. ADDRESS FROM THE FLOOR

No one from the floor desired to address the Board.

10. ADJOURNMENT

A motion to adjourn was made by Comm. Young seconded by Comm. Bellizio and by a voice vote all voted in affirmative. Meeting adjourned at 8:23 pm.

Respectfully Submitted

Scott Smith, Fire District Coordinator

Monmouth Junction Volunteer Fire Department
Monthly Activity Report
June 2013

INCIDENT RUNS

10	System Malfunctions
8	False Calls
2	Structure Fires
1	Vehicle Fires
1	Dumpster/Trash/Refuse Fires
	Trees, Brush, Grass, Mulch Fires
	Fires, Other
	Extrications
	Rescue Call (Elevator, Trench, Confined Space, etc.)
3	Arcing / Shorted Electrical Equipment/ Electrical problem
3	Spill / Leak No Ignition
1	Assist Police / EMS
1	Hazardous Condition
	Smoke Scare / Odor Removal / Problem
	Service Call
1	Stand-By / Cover Assignment/ Cancelled en route
1	Other

32 Total Runs for 199.52 Man-Hours

DEPARTMENT ACTIVITIES

1	Board of Fire Commissioners Meeting
1	Chief's Meeting
1	Line Officer's Meeting
	Work Night
1	Regular Department Monthly Meeting
1	Work Details
1	OEM Meeting
2	Drills
	Training Sessions
1	Parade/Wet-Down

230.5 Man-Hours

Total Man-Hours for June 2013: 430.02

Fire Safety:

Referrals Sent – 9 Responded to Scene – 3



Monmouth Junction Volunteer Fire Department

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Topic: Capabilities & Limitations of the Hurst Hydraulic Rescue Tools (“Jaws of Life”) currently in service by the MJFD.

Intent: It is the intent of this document to provide background information on the rescue tools in service, the status of their condition, and suggestions for improvements going forward.

Background Information: Motor vehicle extrication operations were first performed by police officers from the South Brunswick Police Department, starting in the early 1970’s. After discussion, it was decided that the MJFD could best perform this service to the Township. In the mid 1970’s, the MJFD took over vehicle extrication, utilizing the tools owned by the Police Department. In 1987, the Fire District purchased a Ford F-350 with utility body for use as a light rescue vehicle, dedicated to vehicle extrication. Much of the customization of the body and compartments of the rescue truck over the years were performed by members of the Fire Department. In 2008, the Fire District purchased a Ford F-550 with rescue body from E-One to replace the 1987 Ford F-350. This new vehicle provides a larger rescue body with additional storage space compared to the previous vehicle.

Rescue Tools: Since the Fire Department took over vehicle extrication, the MJFD has operated Hurst hydraulic rescue tools that operate at 5,000 psi. Over the years, tools and pumps have been replaced in order to maintain a varied selection of equipment to handle the numerous challenges of vehicle extrication. All Hurst rescue tools and pumps receive annual preventive maintenance by an outside vendor to ensure that the equipment is operating per manufacturer’s specifications. Most recently, this service was performed by Tasc Fire Apparatus on June 11, 2013. All equipment was found to be in proper working order.

New Challenges: Increasingly, automobile manufacturers have been introducing new technology to their vehicles that, while producing increased safety to vehicle occupants in the event of an accident, has also increased the challenges to rescuers to perform a safe and efficient extrication. This new technology has included the use of air bags, seat belt pretensioners, hybrid & alternate-powered vehicles, and most challenging of all, reinforced and high-strength steels used in body construction. These high-strength & ultra-high strength steels have been the topic of numerous training classes and fire service publication articles in recent years as

the fire service attempts to keep pace with this new technology. These steels, such as Boron and Martensite, are being used by nearly every automobile manufacturer in practically every model to increase crashworthiness and reduce vehicle weight. With each passing year, as older vehicles are “retired” and new models are introduced, it can be expected that incidents involving these vehicles will increase dramatically.

Since at least 2011, the MJFD has been encountering vehicles during training sessions and actual emergency responses that are constructed with reinforced and/or high-strength steels. The result has been increased extrication times while performing the most common techniques, specifically roof removal which requires the cutting of the roof posts.

Recent Examples: Two glaring examples of situations where difficulty has been encountered have occurred within recent months.

Following a motor vehicle accident where a new South Brunswick Police car (2012 Chevrolet Caprice) was struck on Route 1, the MJFD was asked to assist the maintenance division of Public Works with removing equipment from the vehicle. On 5-7-2013, firefighters utilized the Jaws of Life to remove the two passenger's side doors. Once the doors were removed, firefighters attempted to remove the “B-post” in order to allow the mechanics to remove the cage from the rear of the vehicle. Both hydraulic cutters utilized had great difficulty removing the post, which was reinforced with a steel plate. More than 6 cuts were required to cut just the top of the post, where the same technique on older vehicles would take only one cut in the past.

Most recently, on July 8, 2013, the MJFD was dispatched to Ridge Road in front of Indian Fields School for an accident with extrication. Firefighters arrived to find a head-on accident involving a 2001 Jeep Grand Cherokee and a late model SUV. Despite the significant damage to his vehicle, the driver of the SUV was able to exit his vehicle on his own, most likely as a result of the increased safety features of his newer vehicle. However, the driver of the Jeep was heavily entrapped, with significant internal and extremity injuries. Firefighters again encountered difficulty cutting roof posts, resulting in a slightly longer extrication and delayed transportation to the hospital for advanced care.

Recommendations:

It is the recommendation of the Chief and Line Officers of the Monmouth Junction Volunteer Fire Department to purchase a new Hurst high-pressure cutter, pump and two (2) hoselines. This new system, operating at 10,000 psi, has been specifically engineered to allow rescuers to perform extrications on vehicles equipped with new vehicle technology.

Summary:

It can be guaranteed that rescuers will encounter vehicles constructed with high-strength and ultra-high-strength steels increasingly with each new vehicle model year. Failure to keep up with this technology will result in significant delays in the extrication of crash victims in life or death situations.



Monmouth Junction Volunteer Fire Department

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2013 Hurst High-Pressure Purchase

Prices reflect quote from Tasc Fire Apparatus dated 6-11-2013

- Hurst HP S700 Cutter - \$6,400.00
- Hurst HP P620SG MiniMate Power Unit Simo - \$8,175.00
- Hurst 16' Grey Extension Hose – Quantity (2) @ \$760.00 each = \$1,520.00

* All tools equipped with Streamline Fittings

NJ State Contract # A80968

Total Cost = \$16,095.00

Minus 5% Discount for State Contract (\$804.75) = \$15,290.25

Equipment for Trade-In:

- Chrysler 2-Cycle Industrial Engine (Pump)
 - o Model #70023
 - o Serial #1497
- Hurst Model 0-150 "O-Cutter"
 - o Serial #0448

Fire District Coordinator's Report

July 15, 2013

- I received a phone call from the First Aid Squad the evening of 6-18-2013 reporting that a car had driven through the grass next to the front apron at Station 21. The Squad members were able to get a license plate number and we had the Police Dept. respond for a report. The officers determined the vehicle was owned by a resident on Kelly Way and a ticket was issued to the driver for the incident. As there was only minor damage to the grass, no insurance claim was made.
- Working with the First Aid Squad, we disposed of the metal lockers at Station 21 that the PEOSHA inspector cited to have secured to the wall. I also ordered and installed signs labeling the doors in the compressor room. I e-mailed the PEOSHA inspector on 6-28-2013 detailing that all violations have been abated, and also included pictures. We received a letter on 7-5-2013 informing us that all violations have been abated and we are in full compliance.
- Paramount Exterminating performed a treatment at Stations 20 & 21 on 6-19-2013.
- Engine 208 returned from its preventive maintenance service at Absolute on 6-20-13.
- As reported last month, one of our multi-gas meters was removed from service and recommended for replacement by Approved Fire Protection due to failed parts. I took the meter to Electronic Measurement Labs where they replaced a sensor, calibrated the meter, and found it to be in good condition. I subsequently took 2 other multi-gas meters to EML on 6-21-2013 for service after experiencing problems during training. Both meters were repaired and back in service on 6-27-2013. EML is certified by the major manufacturers to calibrate and service their gas meters. However, their prices are much greater than Approved, who will come to our facility to calibrate all meters at once. Due to their quality of service, I will look to utilize EML for our gas meter calibration.
- Donald C. Rodner was on site on 6-26 & 6-27-2013 to troubleshoot a problem with the AC unit for the meeting room. It was determined that the end bell on the roof top compressor had a small crack, causing a leak of refrigerant. The techs returned on 7-10-2013 and replaced the cracked part. This is the same unit that was replaced last July. There will be no charge for the repairs as the unit is under warranty.
- Fire Security Technologies was on site on 6-28-2013 to perform the annual fire alarm system service and smoke detector sensitivity testing at both stations. Station 20 requires the replacement of 9 smoke detectors, replacement of 1 battery, and troubleshooting of a problem with the waterflow switch for the sprinkler system. Station 21 requires the replacement of 1 smoke detector and 4 batteries. Total cost of the repairs is \$1,655.00. I hope to have the repairs scheduled shortly.

- Nat Alexander Company was on site on 7-2-2013 to test the confined space supplied air system regulators, Truck #201 regulators, and Rit-Pak system. These units were not due for inspection until November, but I decided to move the testing up in order to more closely coincide with the testing of the new air packs. All units are in proper working order at this time.
- While performing the truck check on 7-3-2013, Doug Wolfe discovered that the on-board charger on Truck #201 was not working. This was the fourth time the on-board charger failed. Chuck Spahr, Chuck Smith, and Doug installed a new Kussmaul Electronics charger on 7-9-2013. This is the same brand charger that has been installed in Engines 204 & 208.
- After speaking with Chairman Spahr & Comm. Young, I decided to work on 7-4-2013 for the holiday and save the comp. time for later in the year.
- Engine 204 is scheduled to go for its preventive maintenance service at Absolute Fire Protection on 7-15-2013.
- I completed a total of 16 pre-plans in June for a total of 75 for the year.

Insurance:

- In regards to open injury claim for the firefighter injured as a Good Samaritan on 9-25-2012, we received a copy of a check issued from VFIS to Quest Diagnostics in the amount of \$372.90 for visit on 3-31-2013. This should close out all invoices on this claim. Total amount paid on this claim was \$3,297.11.

FIRE DISTRICT #2 SOUTH BRUNSWICK TOWNSHIP
LEGISLATIVE REPORT 7-15-13

A-2593 Requires designated fire command structure in municipal emergency operations
S- 1397 involving mutual aid. Passed both houses, conditional veto by the governor.
Both Houses have concurred with the veto. The bill is back to the governor.

A-2596 Bill would remove the existing requirement that all one and two family
S-1824 residential structures be equipped with fire extinguishers. Conditional veto.
Commissioner DCA to perform a study and report back to the governor.
Assembly has concurred with the Gov. Veto recommendations are now in the Senate.

S-1778- "Thomas A Canzanlla Twenty First Century First Responder Protection Act"
Concerns workers compensation for public safety workers
This bill has passed both houses and sits on the governor's desk. The bill has
been fought very hard by the League of Municipalities.
Passed both houses, now on the Governors desk.

A-1551 Makes numerous changes to the Open Public Meeting Act.
Passed in the Assembly 4-29-13 Received in the Senate 5-9-13
Assigned to Senate Judiciary Committee

S-2 Senate President Sweeny's bill on consolidation and shared services. Passed in
the senate 11-29-12 has had no movement in the Assembly.
Assigned to Housing & Local Government Services.

S-2812 Permits municipality, fire district, or authority to approve transfer of certain
A-1560 firefighters from PERS to PFRS.

A-4073 This bill deals with the use of Drones by police and the Fire Service.

A-3362 Exempts certain properties acquired by municipalities after October 1 from
County, School and Fire taxes for the following tax year. Passed in the Assembly, sits in
Senate Budget & Appropriations Committee.

A-266- Requires that Fire Departments be notified of roof mounted solar panels on
residential and non-residential structures: requires exterior disconnect. Passed in the
Assembly referred to Senate Environmental and Energy Committee.



Respectfully R. Potts/ Secretary

RESOLUTION 13-18

THE COMMISSIONERS OF FIRE DISTRICT NO. 2
IN THE TOWNSHIP OF SOUTH BRUNSWICK, COUNTY OF MIDDLESEX,
STATE OF NEW JERSEY
AUTHORIZING AN EMERGENCY SUPPLEMENTARY APPROPRIATION
FOR VEHICLE EXTRICATION EQUIPMENT
PURSUANT TO N.J.S. 40A:14-78.11 THRU 40A:14-78.14

WHEREAS, an unforeseen emergency has arisen with respect to equipment limitations of existing Vehicle Extrication Equipment (aka "Jaws of Life") currently being utilized by the Monmouth Junction Volunteer Fire Department resulting in increased extrication times and, no adequate provision to replace the existing equipment was made in the 2013 budget, and N.J.S. 40A:14-78 provides for the creation of an emergency appropriation to meet a pressing need to protect the public safety and health for the purpose mentioned above, and

WHEREAS, the total amount of emergency appropriations created, including the appropriation to be created by this resolution, is \$15,300 and does not exceed 3% of the total operating appropriations in the current year 2013 budget,

NOW THEREFORE BE IT RESOLVED by the Board of Fire Commissioners of Fire District No. 2 in accordance with N.J.S. 40A:14-78.11 THRU 40A:14-78.14 at a public meeting held on the 15th day of July, 2013 as follows:

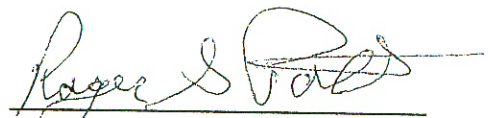
1. An emergency appropriation is hereby made in the amount of \$15,300 to provide for the replacement of existing vehicle extrication equipment.
2. The emergency appropriation set forth in Section 1 hereof shall be expended from existing Capital Fund Balance assigned for Future Capital Outlay.
3. The emergency appropriation will be provided in full by the fire district as a deferred charge in the 2014 budget.
4. A copy of the resolution shall be filed immediately with the local governing body of the Township of South Brunswick.

5. This resolution shall not take effect until the local governing body of the Township of South Brunswick shall by a vote of not less than 2/3 of its full membership approve the emergency appropriation and certify its approval to the fire district.

It is hereby certified that this is a true copy of a resolution adopted by the Board of Fire Commissioners at a regular meeting held on July 15, 2013.

Recorded Vote:

K. Bellizio	YES
R. Potts	YES
C. Smith	YES
T. Young	YES
C. Spahr	YES


Roger S. Potts, District Clerk