



Northville Plymouth Fire Advisory Board Meeting Agenda

Monday, November 1, 2021 4:00 p.m.
Northville City Hall 215 W. Main St. Northville, MI

- 1) **Roll Call**
Chair Marques Thomey, Vice Chair Brian Turnbull, Jim Rachwal, Paul Sincock, Pat Sullivan
- 2) **Approval of Meeting Minutes for July 19, 2021**
- 3) **Fire Inspection Report**
- 4) **Training Report**
- 5) **Personnel Staffing Report**
- 6) **Run Volume Report**
- 7) **Review of Northville Station Response Times**
- 8) **Review of Plymouth Station Response Times**
- 9) **Financial Report**
- 10) **Other Business**
- 11) **Next Meeting Date**
- 12) **Adjournment**



Northville Plymouth Fire Advisory Board

Meeting Minutes

Monday, July 19, 2021 4:00 p.m.
Zoom Meeting

1. ROLL CALL

Present: Chair Marques Thomey, Vice Chair Brian Turnbull (arrived at 4:03), Member Jim Rachwal, Member Paul Sincock, Member Pat Sullivan

Others Present: Chief Matt Samhat, Captain Jim Davison, Plymouth Public Safety Director Al Cox

2. APPROVAL OF MEETING MINUTES

Sincock made a motion, seconded by Sullivan, to approve the minutes of the April 19, 2021 meeting.

MOTION PASSED 4-0

3. FIRE PREVENTION

Samhat said he was putting together a committee for Fire Prevention Week activities. He reported that for the second quarter of the year, the department conducted 215 inspections.

4. TRAINING REPORT

Samhat said department members recently participated in vehicle extrication and hose advancement training.

5. PERSONNEL STAFFING REPORT

Samhat reported that there are currently 56 staff members, including 25 at Station One and 31 at Station Two.

6. RUN VOLUME REPORT

Samhat reported that through the second quarter of 2021, there were 705 runs: 277 at Station One and 428 at Station Two.

7. REVIEW OF NORTHVILLE STATION RESPONSE TIMES

The group reviewed Northville response times provided by Samhat

8. REVIEW OF PLYMOUTH STATION RESPONSE TIMES

Sincock provided Plymouth response times. He and Thomey expressed concern over a low participation rate.

9. OTHER BUSINESS THAT MAY COME BEFORE THE NORTHVILLE-PLYMOUTH FIRE ADVISORY BOARD

Turnbull congratulated Samhat for being named chief and thanked those involved in the hiring process.

10. NEXT MEETING DATE

The next meeting will be on Monday, October 18, 2021 at 4:00 p.m.

11. ADJOURNMENT

Turnbull made a motion, seconded by Sullivan, to adjourn the meeting at 4:24 p.m.

MOTION PASSED 5-0

Respectfully submitted,

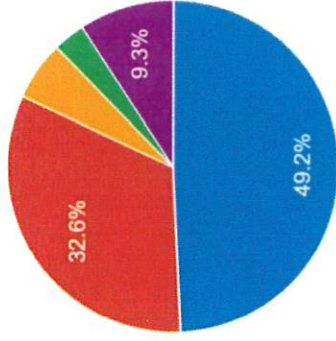
Paul J. Sincock, Recording Secretary



Northville City Fire Department

Serving the cities of Northville and Plymouth

Fire Inspection Report



- New Inspection
- Re-inspection
- Complaint
- Occupancy Measurement
- Other

Inspector	Inspections Per Inspector												YTD Total
	January	February	March	Quarterly 1	April	May	June	Quarterly 2	July	August	September	Quarterly 3	
Prieur	44	7	19	70	11	7	29	47	22	40	7	69	187
O'Donnell	4	1	5	10	0	0	1	1	5	0	0	5	17
M. Davison	0	1	0	1	0	0	0	0	0	0	0	0	1
Lt Rice	0	28	76	104	54	14	78	146	77	108	32	217	516
Perchman	0	0	5	5	6	6	9	21	4	6	2	12	41
Total Inspections	48	37	105	190	71	27	117	215	108	154	41	303	762
City	Inspections By City												Total
	January	February	March	Quarterly 1	April	May	June	Quarterly 2	July	August	September	Quarterly 3	
Northville	4	1	10	15	6	6	10	22	9	6	2	17	58
Plymouth	44	36	95	175	65	21	107	193	99	148	39	286	704
New Inspections	Inspection Types												Total
	January	February	March	Quarterly 1	April	May	June	Quarterly 2	July	August	September	Quarterly 3	
New Inspections	45	33	67	145	13	18	85	116	27	80	11	118	382
Re-Inspections	2	4	37	43	58	8	32	98	76	59	27	162	353

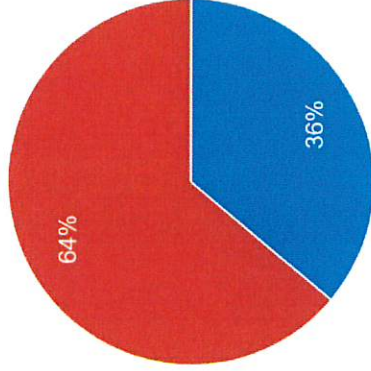


Northville City Fire Department

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Training Report

Total Training Sessions:
210



Individual/Outside Training: 64%

Scheduled Dept Training: 36%

	January	February	March	Quarterly 1	April	May	June	Quarterly 2	July	August	September	Quarterly 3	YTD Total
Thurs Training Hrs	375	377	318	1070	381	347	312	1040	349	231	321	901	3047
Sessions	5	7	7	19	10	8	7	25	10	8	9	27	75
Individual Training Hrs	56	429	278	763	596	287	51	934	18	64	105	187	1884
Sessions	6	10	16	32	13	6	5	24	3	8	7	18	74
Outside Training Hrs	103	81	199	383	100	56	17	173	2	0	45	47	603
Sessions	9	11	24	44	11	3	3	17	1	0	3	4	65
USAR Training Hrs	16	16	8	40	16	58	12	86	0	8	6	14	140
Sessions	1	1	1	3	1	3	1	5	0	1	1	2	10
HazMat Training Hrs	20	15	17	52	8	8	21	37	6	15	37	58	147
Sessions	3	3	2	8	1	1	3	5	1	2	4	7	20



Northville City Fire Department

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Run Volume Report

	Jan	Feb	Mar	Q 1	Q1 %	Apr	May	Jun	Q 2	Q2 %	Jul	Aug	Sep	Q 3	Q3 %	YTD Total	YTD %	
St. 1																		
Medicals	25	22	33	80	67.8%	39	39	38	116	70.7%	37	34	45	116	58.0%	312	64.7%	
Fire/Other	12	16	10	38	32.2%	15	7	26	48	29.3%	22	35	27	84	42.0%	170	35.3%	
Station 2 Runs	1	3	5	9		1	1	3	5		2	3	2	7		21		
Generated In Error	1	0	1	2		1	1	3	5		2	1	0	3		10		
# Of St. 1 Calls	37	38	43	118		54	46	64	164		59	69	72	200		482		

	Jan	Feb	Mar	Q 1	Q1 %	Apr	May	Jun	Q 2	Q2 %	Jul	Aug	Sep	Q 3	Q3 %	YTD Total	YTD %
St. 2																	
Medicals	61	49	42	152	77.6%	59	74	70	203	82.9%	88	76	72	236	74.9%	591	78.2%
Fire/Other	7	16	21	44	22.4%	7	14	21	42	17.1%	24	33	22	79	25.1%	165	21.8%
Station 1 Runs	2	3	0	5		3	0	2	5		7	2	3	12		22	
Generated In Error	2	1	0	3		3	2	4	9		6	2	2	10		22	
# Of St. 2 Calls	68	65	63	196		66	88	91	245		112	109	94	315		756	

HazMat				0					3					3		6	
USAR				0					0					0		0	

Dept Totals	Jan	Feb	Mar	Q 1	Q1 %	Apr	May	Jun	Q 2	Q2 %	Jul	Aug	Sep	Q 3	Q3 %	YTD Total	YTD %
Medical	86	71	75	232	73.9%	98	113	108	319	78.0%	125	110	117	352	68.3%	903	72.9%
Fire/Other	19	32	31	82	26.1%	22	21	47	90	22.0%	46	68	49	163	31.7%	335	27.1%
Total	105	103	106	314		120	134	155	409		171	178	166	515		1238	
St. 1 %					37.6%					40.1%					38.8%		38.9%
St. 2 %					62.4%					59.9%					61.2%		61.1%



Northville City Fire Department

Serving the cities of Northville and Plymouth

Staffing

<u>Total Staffing</u>		<u>Unassigned</u>	
FF/Paramedic	4	FF/EMT	1
FF/Specialist	1		
FF/EMT	27		
FF/MFR	6		
FF	15		
Paramedic	1		
EMT	4		
Cadet	1		
Total Personnel	59	Total	1

<u>Station 1</u>		<u>Station 2</u>	
FF/Paramedic	2	FF/Paramedic	2
FF/Specialist	0	FF/Specialist	1
FF/EMT	12	FF/EMT	15
FF/MFR	0	FF/MFR	6
FF	8	FF	7
Paramedic	1	Paramedic	0
EMT	4	EMT	0
Cadet	1	Cadet	0
Total	28	Total	31



Northville City Fire Department

Serving the cities of Northville and Plymouth

Times & Personnel

Station 1

	January	February	March	Q 1	April	May	June	Q 2	July	August	September	Q 3
<u>Avg Run Times (Metrics)</u>												
Alarm Processing Time	0:01:33	0:00:54	0:00:57	0:01:08	0:01:05	0:01:02	0:01:35	0:01:14	0:00:49	0:01:03	0:00:46	0:00:53
Turnout Time	0:06:02	0:05:40	0:04:09	0:05:17	0:05:19	0:06:21	0:04:15	0:05:18	0:05:00	0:04:23	0:05:03	0:04:49
Travel Time	0:02:27	0:02:17	0:02:00	0:02:15	0:02:14	0:02:27	0:01:42	0:02:08	0:02:19	0:02:27	0:02:06	0:02:17
Call-Arrival Repose Time	0:10:09	0:08:52	0:06:54	0:08:38	0:08:39	0:09:52	0:07:38	0:08:43	0:08:09	0:07:53	0:07:59	0:08:00
Disp-Arrival Response Time	0:08:28	0:07:57	0:05:56	0:07:27	0:07:33	0:08:47	0:05:59	0:07:26	0:07:19	0:06:49	0:07:12	0:07:07
<u>Avg Personnel Response</u>												
Avg Personnel Response/Call	8	7	6	7	6	5	6	6	6	7	6	6
00:00 - 07:00	4	4	5	4	4	5	3	4	4	3	3	4
07:00-17:00	8	6	6	7	7	5	7	6	7	7	5	6
17:00-00:00	9	9	10	9	8	6	8	7	7	8	8	7



Northville City Fire Department

Serving the cities of Northville and Plymouth

Times & Personnel

Station 2

	<u>January</u>	<u>February</u>	<u>March</u>	<u>Q 1</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Q 2</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>Q 3</u>
Avg Run Times (Metrics)												
Alarm Processing Time	0:02:08	0:01:00	0:00:53	0:01:20	0:01:08	0:00:57	0:01:02	0:01:02	0:01:05	0:01:05	0:00:56	0:01:02
Turnout Time	0:06:15	0:05:48	0:05:10	0:05:45	0:05:54	0:05:45	0:04:55	0:05:31	0:05:07	0:04:55	0:04:45	0:04:56
Travel Time	0:03:05	0:02:11	0:02:05	0:02:27	0:02:20	0:02:22	0:02:19	0:02:20	0:02:18	0:02:36	0:02:20	0:02:25
Total Repose Time	0:11:36	0:09:01	0:07:56	0:09:31	0:09:16	0:09:05	0:08:13	0:08:51	0:08:29	0:08:38	0:08:04	0:08:23
Disp-Arrival Response Time	0:09:23	0:07:58	0:07:02	0:08:08	0:08:04	0:08:07	0:07:08	0:07:46	0:07:22	0:07:32	0:07:08	0:07:21
Avg Personnel Response												
Avg Personnel Response/Call	9	9	8	9	8	7	8	8	7	8	7	7
00:00 - 07:00	6	6	4	5	5	6	6	6	4	5	5	5
07:00-17:00	10	10	9	9	9	7	8	8	7	8	7	7
17:00-00:00	10	10	10	10	9	8	9	9	8	9	8	9



CAD-130 Average Response Time By Type - NCFD Monthly Report
CCAD-130

9/1/21



Incident Type	Num of Incidents	Avg Create -> Disp	Avg Dispatch -> Arrive
AC - ASSIST CITIZEN	1	00:03:17	00:02:39
AF - ALARM	13	00:00:40	00:07:28
DW - DOWN WIRE	14	00:01:47	00:09:17
FIRE - STRUCTURE	1	00:01:36	00:06:08
ME1 - MEDICAL PRIORITY 1	31	00:01:01	00:05:39
ME3 - MEDICAL PRIORITY 3	2	00:00:57	00:06:16
MUTAID - MUTAID	2	00:00:07	00:01:55
OI - ODOR INVESTIGATION	1	00:00:40	00:03:47
PA - POLICE ASSIST	1	00:00:04	00:06:50
PI - PIA	3	00:01:54	00:03:37
Average:		00:01:10	00:06:33

City of Northville Fire Department

FY 2021

	Original Budget	1st Qtr Amendment	2nd Qtr Amendment	3rd Qtr Amendment	4th Qtr Amendment	Amended Budget	Actual thru 6/30/21	% of Budget Used	Actual thru 6/30/21	Plymouth Allocation	Plymouth Cost
Administrative											
Wages - Clerical	9,855	-	-	145	-	10,000	9,895	99.0%			
Wages - Clerical OT	145	-	-	(145)	-	-	-	100.0%			
Wages - Chief & Officers	78,880	-	-	1,290	12,505	92,675	92,656	100.0%			
Training Wages	82,610	-	-	1,240	30,000	113,850	100,485	88.3%			
Disability Insurance	6,095	-	-	-	-	6,095	6,092	100.0%			
Uniforms & Clothing	9,500	-	-	2,500	1,500	13,500	12,807	94.9%			
Cleaning Allowance	550	-	-	-	-	550	550	100.0%			
Contractual Services	2,500	-	-	-	(1,500)	1,000	30	3.0%			
Technology Support & Services	4,985	(1,140)	-	1,655	(1,565)	3,935	3,935	100.0%			
Legal Services	200	-	-	-	-	200	-	0.0%			
Employee Physicals & Drug Tests	17,400	-	-	-	-	17,400	16,822	96.7%			
Medical/Certificate Renewals	450	-	-	-	-	450	466	103.6%			
Telephone & Internet Service	520	-	-	2,300	-	2,820	2,516	89.2%			
Vehicle Allowance	6,000	-	-	-	-	6,000	6,000	100.0%			
Conferences & Meetings	500	-	-	-	-	500	93	18.6%			
Liability & Property Insurance	3,490	(130)	-	-	-	3,360	3,356	99.9%			
Memberships & Dues	1,980	-	-	-	-	1,980	1,163	58.7%			
Education & Training	13,700	-	-	(1,000)	-	12,700	8,025	63.2%			
Fringe Benefits	60,800	-	-	(440)	-	77,360	72,883	94.2%			
Unemployment Compensation	-	-	-	-	-	-	337,774.57	58%	195,909.25		
Operations											
Wages - Runs	447,485	-	-	(2,980)	(90,000)	354,505	338,379	95.5%			
Wages - Mutual Aid	20,000	-	-	10,000	10,000	40,000	36,039	90.1%			
Wages - Inspections & Station Covera	78,675	-	-	1,180	10,000	89,855	87,096	96.9%			
Supplies	48,885	-	-	-	-	48,885	48,335	98.9%			
Fuel for Power Tools	250	-	-	-	-	250	83	33.1%			
Automotive Parts	2,000	-	-	-	-	2,000	1,873	93.7%			
Radio Maintenance	1,700	-	2,000	-	-	3,700	3,507	94.8%			
Vehicle Insurance - Aerial	6,840	390	-	-	-	7,230	7,228	100.0%			
Automotive Service	21,000	-	-	-	(4,000)	17,000	13,611	80.1%			
Fringe Benefits	72,490	1,205	-	(4,190)	(12,000)	57,505	59,575	103.6%	595,725.78	58%	345,520.95
Northville Only - Admin & Operations											
Covid Hazard Pay	-	15,743	-	-	-	15,743	15,743	100.0%			
Wages - Special Events	3,380	-	1,930	(2,530)	-	850	-	0.0%			
Supplies	-	-	-	-	-	1,930	1,928	99.9%			
Fuel & Oil	3,500	-	-	-	-	3,500	2,874	82.1%			
Contractual Services	2,325	-	-	-	(1,000)	1,325	698	52.7%			
Mutual Aid/EMS Participation Fees	2,660	1,300	-	-	-	3,960	3,955	99.9%			
Vehicle Insurance	18,620	180	-	-	-	18,800	18,798	100.0%			
Equipment Rental	-	-	-	30	-	30	30	100.0%			
Hydrant Rental	10,145	-	-	-	-	10,145	10,144	100.0%			
Fringe Benefits	425	-	-	(275)	-	150	-	0.0%			
Unfunded Pension Contribution	12,880	-	-	-	-	12,880	12,878	100.0%			
Retiree Healthcare	14,110	-	-	(1,210)	1,080	13,980	13,980	100.0%	81,028.24	0%	-

City of Northville Fire Department
FY 2021

	Original Budget	1st Qtr Amendment	2nd Qtr Amendment	3rd Qtr Amendment	4th Qtr Amendment	Amended Budget	Actual thru 6/30/21	% of Budget Used	Actual thru 6/30/21	Plymouth Allocation	Plymouth Cost
Plymouth Only - Admin & Operations											
Wages - Special Events	20,280	-	-	(15,280)	-	5,000	2,104	42.1%			
Mutual Aid/EMS Participation Fees	3,005	1,460	-	-	-	4,465	4,461	99.9%			
Liability & Property Insurance	120	(30)	-	-	-	90	89	98.9%			
Fringe Benefits	2,535	-	-	(2,475)	590	650	254	39.1%			
Unfunded Pension Contribution	1,840	-	-	-	-	1,840	1,840	100.0%			
Retiree Healthcare	2,010	-	-	(30)	(80)	1,900	1,896	99.8%	10,643.84	100%	10,643.84
Fire Academy											
Wages - Instructors	-	2,390	-	-	-	2,390	2,388	99.9%			
Fringe Benefits	-	295	-	-	-	295	294	99.8%	2,682.48	0%	-
Contingency											
Contingency	21,120	(4,715)	(3,930)	(7,323)	-	-	-	100.0%	-	58%	-
Total Operations	<u>1,118,440</u>	<u>15,948</u>	<u>-</u>	<u>(17,538)</u>	<u>(27,470)</u>	<u>1,085,228</u>	<u>1,027,855</u>	<u>94.7%</u>	<u>51,392.75</u>	<u>100%</u>	<u>51,392.75</u>
5% Overhead (per agreement)							<u>51,393</u>		<u>1,079,247.66</u>		<u>603,466.79</u>
Total Operations							<u>1,079,248</u>				
Debt Service - Aerial Truck	52,939	-	-	-	-	52,939	52,939	100.0%	52,939.00	58%	30,704.62
Equipment Fund Contribution	133,675	-	-	(225)	-	133,450	133,450.00	100.0%	133,450.00	58%	77,401.00
							<u>1,265,636.66</u>		<u>1,265,636.66</u>		<u>711,572.41</u>

Budget to Actual Analysis			
	Budget	Actual	Difference
Operations	1,085,228	1,027,855	57,373
Overhead	54,261	51,393	2,869

Paid by Plymouth	
402-000-592.08	77,401.00
101-000-642.05	640,665.62
Billed to Plymouth	718,066.62
	<u>(6,494.21)</u>

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LOCAL NEWS

Monroe names Chad J. Tolstedt as city's first director of public safety

The director of public safety position was created following a reorganization plan adopted by city council in July. Tolstedt will be sworn in on Oct. 18.



BREAKING NEWS Arrest warrant issued for defendant in Stone-Foltz hazing death case [Read More »](#)



Credit: City of Monroe

Author: Jenson Strock
Published: 2:35 PM EDT October 15, 2021
Updated: 2:35 PM EDT October 15, 2021

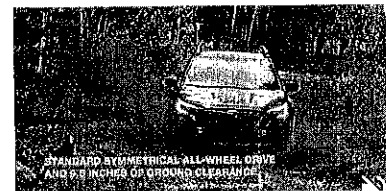


MONROE, Michigan — Monroe City Council accepted city manager Vincent Pastue's recommendation for the municipality's first-ever director of public safety on Thursday.

Chad J. Tolstedt will take on the new role, which oversees public safety operations for the city's police and fire departments.

The position was created following a reorganization plan adopted by city council in July, which was meant to address budget challenges resulting from the DTE power plant tax devaluation settlement. The reorganization includes an operations plan with the goal of optimizing police and fire responses and improving internal working relationships.

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FEATURED BY 

Tolstedt will be tasked with bringing the department in line with the policies set forth by city council, as well as best industry practices to make certain the public safety and public service is the focus.

In a press release, Tolstedt said he was honored to take on city's new role, acknowledging that the job that lies ahead is not without struggle.

"The city council had tough decisions to make. I am pleased that I was appointed to this position and promise the City of Monroe residents that we will work hard to ensure their safety," he said.

Tolstedt said his goals are to work toward stability and cohesion between the two operations, continue to foster working relationships with other local first responders, implement innovation and industry best practices, and to connect with citizens.

"We have great police and fire employees," Tolstedt said. "I look forward to moving forward with them and continuing to build towards a solid foundation."

Tolstedt will be sworn into his new position on Monday, Oct. 18.

ABOUT CHAD J. TOLSTEDT

Tolstedt served on the Monroe Police Department for over 22 years and previously held the position of captain.

During his tenure, Tolstedt was heavily involved in the development of a community officer program and oversaw numerous city events. He was a member of the Special Response Team, the City of Monroe Pension Board, Mayor's Traffic Committee and was an alternate for the 911 Board.

Tolstedt grew up in Northville, Mich. He attended Western Michigan University (WMU) where he obtained a Bachelor's of Arts.

After graduating from WMU, Tolstedt attended the Wayne County Regional Police Academy through Schoolcraft College and was then hired by the City of Monroe in April of 1999.

He relocated to Monroe shortly after being hired, and has been a proud resident of Monroe for more than 20 years.

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Since his employment with the city, he has obtained a Master's degree in Organizational Management from Spring Arbor University (SAU), attended Eastern Michigan University's School of Police Staff and Command Executive Leadership Program, and attended the Federal Bureau of Investigations National Academy (FBINA) in Quantico, VA, where he studied upper-level management.

Tolstedt is also a certified firefighter and attended Fire Fighter Officer Command School.

"I am truly grateful to my past command officers, teachers, my pastor, and my family for what they have invested in me and for the support they have given me over the years. I am eager to continue to serve the citizens of the City of Monroe in this new capacity," Tolstedt said.

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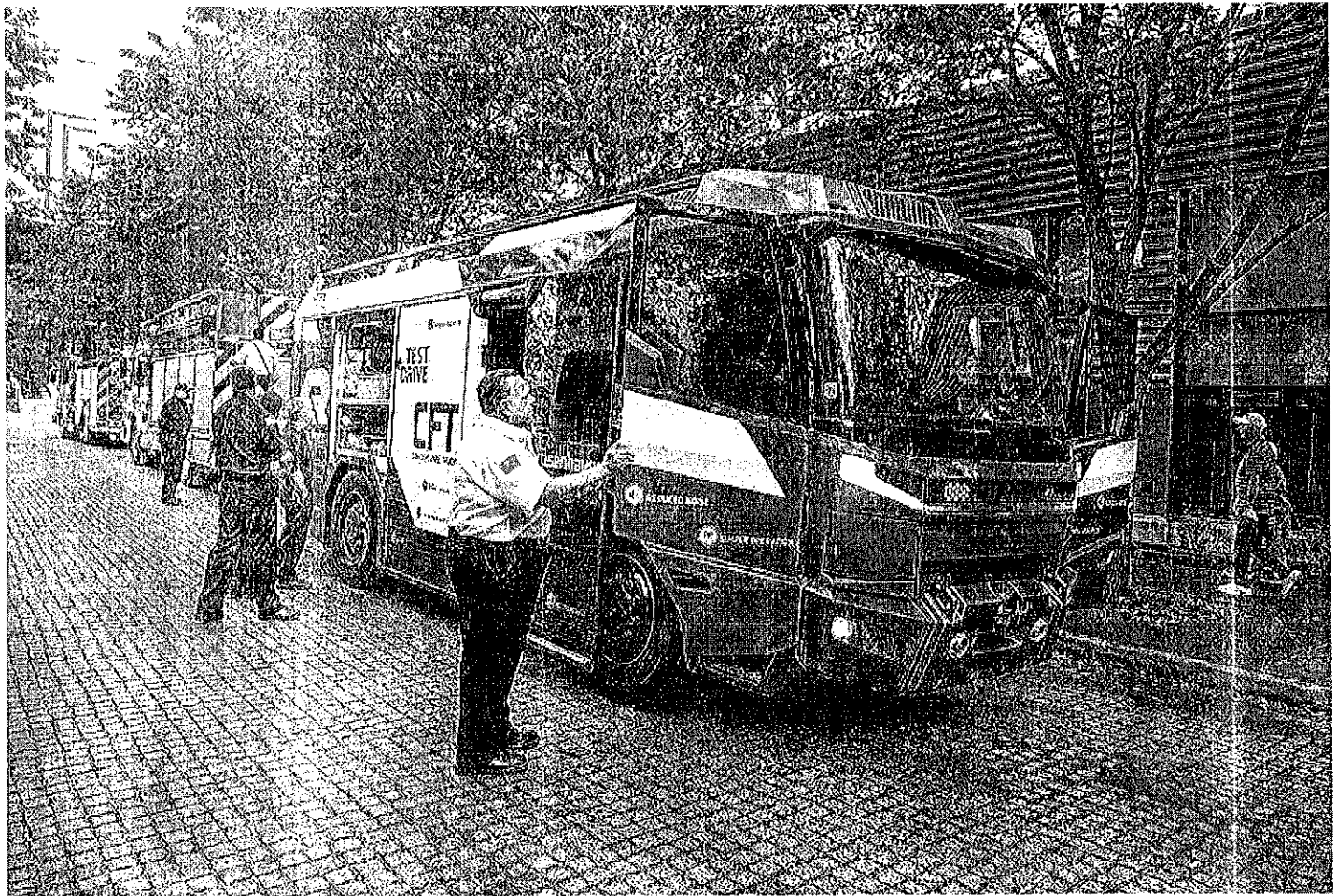
FEATURED

A look at the next generation of fire fighting

NIAGARA FALLS: Local firefighters get a glimpse of Empire Emergency Apparatus equipment.

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James Neiss/staff photographer Niagara Falls firefighters and city officials got a look at an all-electric Rosenbauer concept fire truck on Old Falls Street hosted by Empire Emergency Apparatus on Lockport Road. Here, Niagara Falls Fire Chief Joseph Pedulla checks it out.

JAMES NEISS PHOTO



It looks something like a cross between a robot, a bus and an RV. Until it lights up and moves. Then it's a fire truck. An electric-powered fire truck.

Empire Emergency Apparatus of Lockport Road in Niagara Falls hosted a demonstration of the pumper on Old Falls Street in Niagara Falls for firefighters from Niagara Falls, Buffalo and North Tonawanda on Friday.

Todd McBride of Rosenbauer America showed off the advanced technology on the truck, a 7-year old demo model.

LED lights ring the back light up work areas with glare-free, shadow free illumination. Ladders and hoses are stored internally.

North Tonawanda Fire Chief Joe Sikora was there for the demonstration.

"It is quite a change from what we are used to," Sikora said. "Times are changing. Fire trucks have been the same for a long, long time."

The truck is filled with automation. For example, on many traditional internal combustion trucks, multiple switches and knobs need to be engaged before departing on a call. Additional tasks are due upon arrival. That has all changed.

"I would say one word," Niagara Falls fire Chief Joe Pedulla said, " 'Tesla'. We have to adapt to the new generation. It is just the progression of life."

With the electric fire truck, parking brake release engages appropriate lights and readies the truck to respond.

Upon arrival, parking brake engagement opens gear bays and equipment for immediate access. Those bays have shelves that swing in-and-out like an easy-close kitchen cabinet. When time is lives seconds matter.

The truck is faster and more maneuverable as well. With 4-wheel steering and no drive train or transmission, the water tank sits lower in the body reducing the center of gravity in the four-wheel-drive truck.

"That's why we say this thing handles like a sportscar," McBride said.

Indeed, during the demonstration, McBride took a test ride. The truck easily hit 50 mph before stopping at First Street and using its 4-wheel steering to pivot almost in place.

Pumps operate independently of the drive motors. A diesel generator is available if the batteries run down. It has enough power to run the pumps and recharge batteries. Even so, in typical use, up to five runs are possible before recharging is needed.

A truck is currently being built for Los Angeles. A different one is in service in Berlin, McBride said. In 440 calls over 4 months it has used 2.4 gallons of diesel.

As McBride spoke, the two most recently built Niagara Falls fire trucks sat at the curb. Both were built by Empire whose President Mike McLaughlin was there.

Empire builds a wide array of emergency vehicles including 12 to 15 fire trucks a year and about 450 other vehicles.

"Business is OK," McLaughlin said, "we've been slowed a little by the supply chain, waiting for vehicles and because of the labor market. A build takes 14 to 16 months rather than 12."

It's difficult to estimate cost for the truck because, while it may be initially more expensive at \$1 to \$1.5 million, the equipment it takes to outfit it increases cost.

Niagara Falls Chief Joe Pedulla said lower maintenance and operating costs are a significant advantage. For example, he said his department just paid \$3,000 to replace the alternator on a 2003 truck.

McLaughlin is stoked about the advances the Rosenbauer truck represents.

"When you start looking at greenspace, it's quieter, it's greener, everything is recyclable. There is no fiberglass," McLaughlin said. "Look at the auto market. We don't drive 55 Chevys any more. This technology is from the '80s and '90s packed into a fire truck. People need to see the benefit."

McLaughlin said the first five years of maintenance is included in the cost of the truck. Overall, given the lack of maintenance, for example things like oil changes and fluids, the cost of ownership will be significantly reduced.

"Being the home of Tesla," McLaughlin said, "we should get the first electric fire truck in New York state here."