


Falmouth Fire-EMS

Station 3 – Engine 3
44 Allen Avenue Extension



Falmouth Fire-EMS

- Provides fire suppression and emergency medical services
- Responds to approximately 1500 emergencies each year.
- Combination department
 - 3 Fulltime staff – Chief, Asst. Chief, Office Administrator
 - 90 Call / Volunteer firefighters and emergency medical technicians
 - 12 Part-time per diem firefighter / paramedics.
- Daytime staffing
 - 3 fulltime staff (8:00 a.m. to 4:30 p.m. - Monday through Friday)
 - 1 part-time per diem paramedic (7:00 a.m. to 7:00 p.m. daily)
 - Any available call / volunteer staff.
- Night-time staffing
 - Call / volunteer staff
 - Regional Paramedic (7 p.m. to 7 a.m.) if needed from Cumberland

Stations

- Station 1 – Foreside Station - 287 Foreside Road
 - Engine 1 – 1984 Ford Pumper
 - Rescue 1 – 2002 GMC Heavy Rescue

- Station 2 - Central Station – 8 Bucknam Road
 - Engine 2 – 1995 International Pumper
 - Tower 2 – 1997 E-One 95-foot Tower/Ladder
 - Ambulance 2 – 1999 Ford Ambulance
 - Unit 2 – 2008 Chevy Pickup – Asst Chief/Duty Officer
 - Unit 3 – 2009 Toyota Prius – Staff/Training
 - Fire-EMS Administrative Headquarters

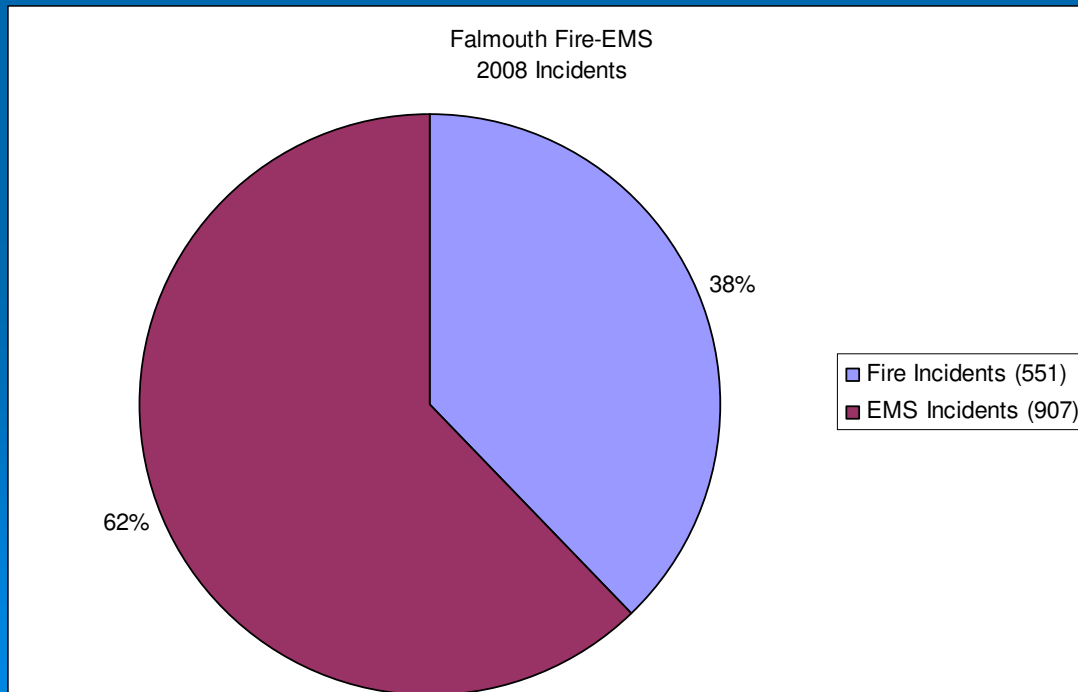
Stations

- Station 3 – Pleasant Hill Station – 44 Allen Ave. Ext.
 - Engine 3 – 1990 E-One Pumper
 - Antique Apparatus - 1923 REO Speedwagon

- Station 4 – West Falmouth – 5 Winn Road
 - Engine 4 – 2001 HME Pumper
 - Tank 4 – 1992 Autocar 2,000 Gallon Tanker
 - Ambulance 4 – 2007 Ford Ambulance
 - Utility 4 – 2005 GMC Pickup – Brush Truck/Tow Vehicle
 - MCI Trailer – Supplies for 25 injured patients
 - Rescue Sled – Is towed behind Parks' snowmobile for rescue

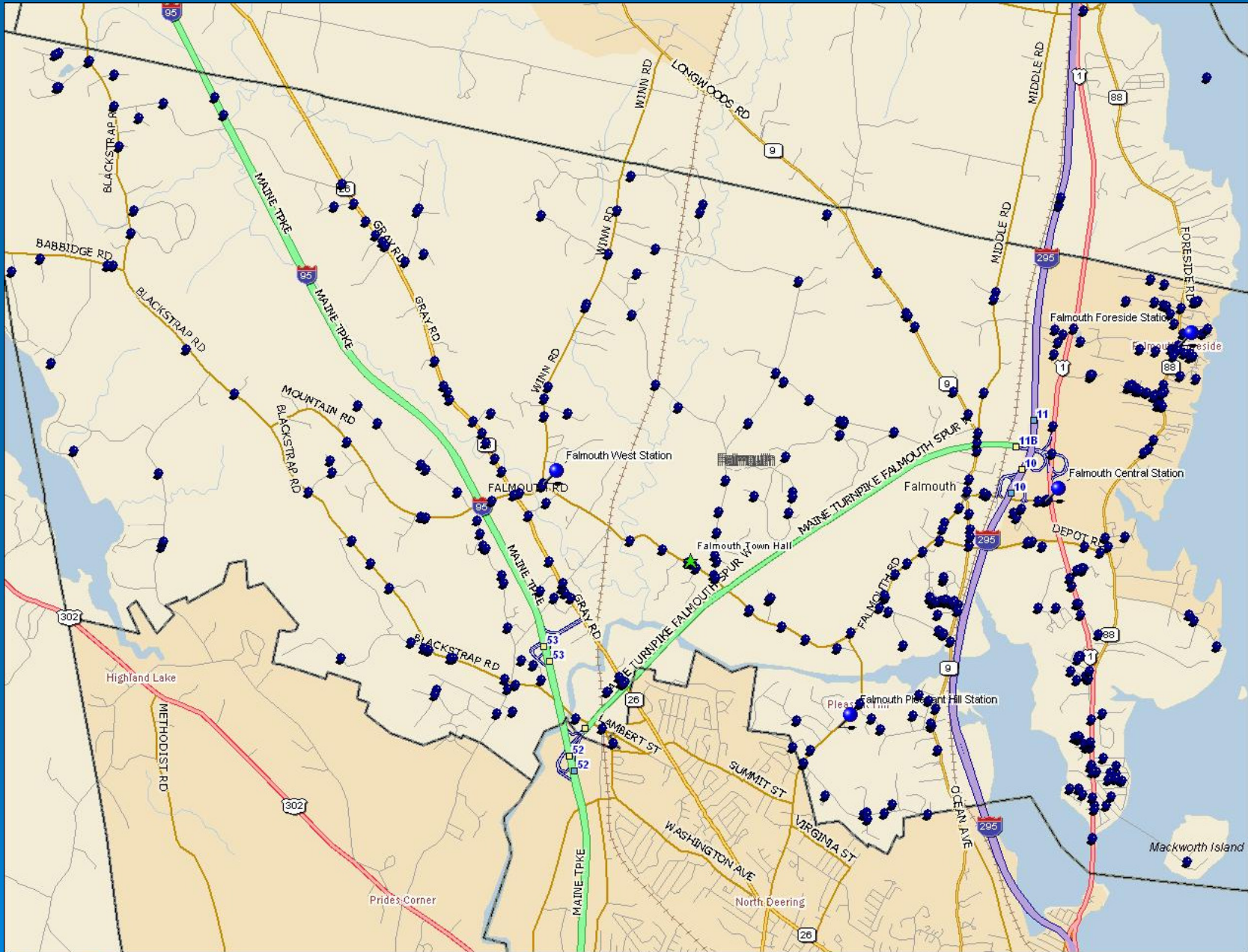
2008 - Incident Responses

- EMS-only incidents 907
- Non-EMS Incidents 551
- 2008 - Total Incidents 1,458

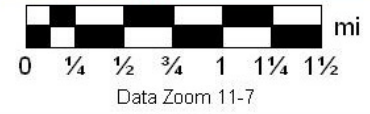


EMS Incidents (907)





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EMS Coverage

- Daytime (7 a.m. – 7 p.m.)
 - 1 Firefighter / Paramedic stationed at Central
 - Call / Volunteer EMS
 - Full-time Administration Staff as needed

- Night-time (7 p.m. – 7 a.m.)
 - Call / Volunteer Staff
 - Regional Paramedic from Cumberland as needed

Night-time EMS Coverage

- Regional Paramedic Partnership:
 - 2 Paramedics (EMS-only, not Firefighters) housed in Cumberland Town Hall.
 - Respond to incidents in Falmouth, Cumberland, Yarmouth, and North Yarmouth
 - Respond in “fly cars” to meet up with ambulance and crew.
 - Respond on Tier-1 level EMS calls automatically or to other calls as needed.

Night-time EMS Coverage (continued)

➤ Regional Paramedic Partnership:

- Not cross-trained as firefighters and do not respond to fire calls, no matter how serious
- Response is delayed in many parts of Falmouth
- May be unavailable due to calls in other towns
- Do not bring the ambulance
- Are not employees of Falmouth Fire-EMS
- Do not attend any Fire or EMS trainings at Falmouth Fire-EMS

Non-EMS Incidents (551)



Non-EMS Responses by Station



Station 1 (Foreside) 272 Incidents



Station 3 (Pleasant Hill) – 179 Incidents

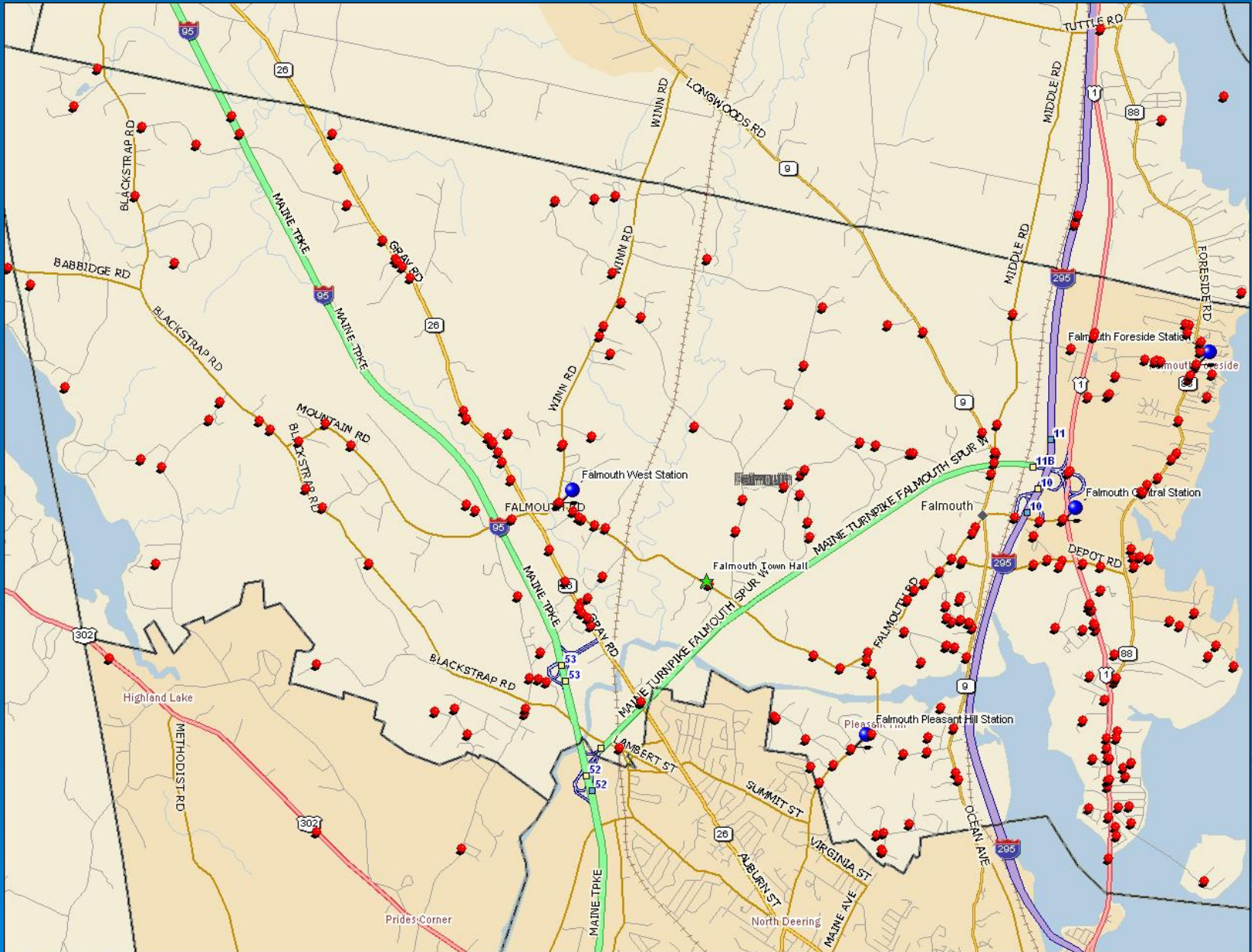


Station 2 (Central) – 331 Incidents



Station 4 (West Falmouth) – 266 Incidents

** Footnote: Responses by station total more than the 551 non-EMS responses due to multiple stations responding to certain incidents*



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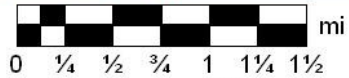
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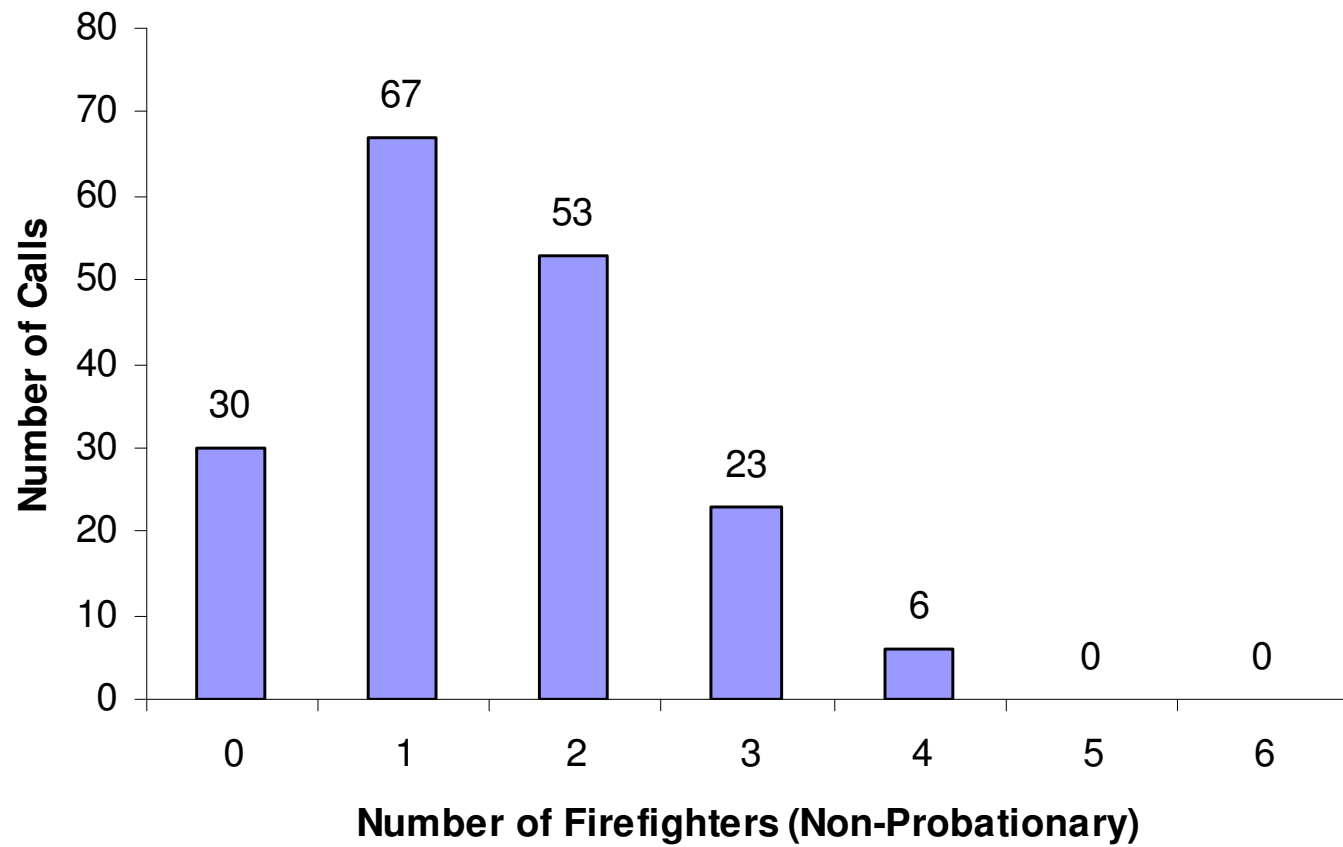
2008 Incidents – Engine 3

Alarm Sounding – (Fire / Carbon Monoxide)	89
Investigation of Smoke / Odor / Unattended burn	23
Motor Vehicle Crash	12
Assist Ambulance Crew on Medical Call	11
Public Assist / Furnace Problem / Water Problem	10
Fire - Other (chimney, cooking, electrical)	10
Wires Down	9
Fuel Spill / Leak	6
Station Coverage to Another Fire Station	5
Motor Vehicle Fire	3
Fire – Structure Fire	1
2008 - Total Incidents	179

2008 – Actions Performed – Engine 3

Stood by at scene, or at hydrant	42	23%
Did not respond - No Crew / Driver / Cancelled before response	37	21%
Cancelled en route to/as arrived on the scene	34	19%
Investigated Incident - no fire danger found	28	16%
Assisted other crews on scene with Investigation	10	6%
Assisted EMS	8	4%
Assisted at motor vehicle crash	7	4%
Performed Station Coverage	5	3%
Performed fire suppression of vehicle, brush, building	3	2%
Hooked up to hydrant and supplied another apparatus	3	2%
Call was unfounded	2	1%
Assist Police / DPW	2	1%
Disabled Heating Unit	1	1%
2008 - Total Incidents	179	100%

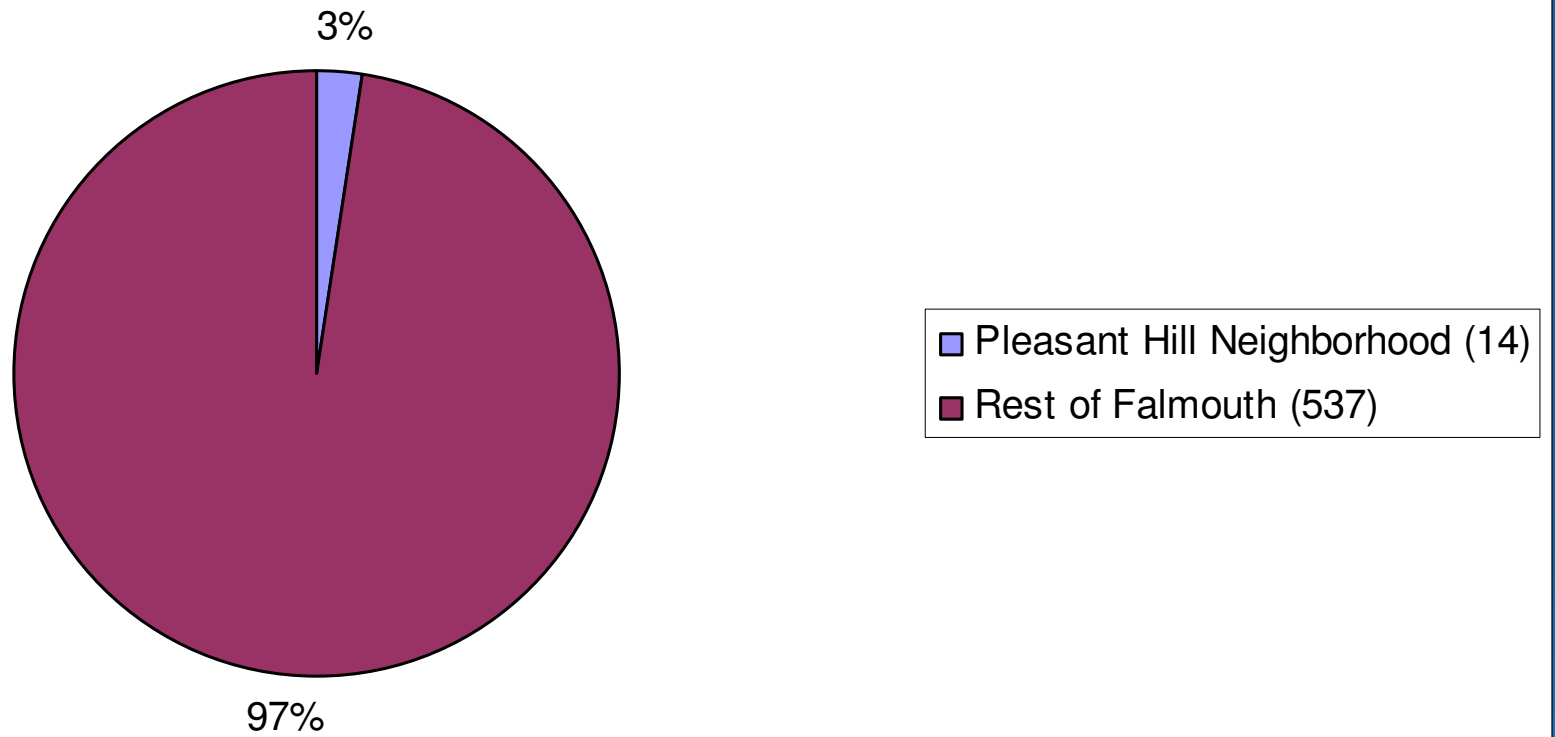
Falmouth Fire-EMS
Non-EMS Incidents 2008
of Firefighters Responding in Engine 3



2008 - Incidents in Pleasant Hill (14)

<u>Date</u>	<u>Address</u>	<u>Box</u>	<u>Description</u>	<u>Notes</u>
3/13/2008	Northledge Terrace	Desk	Smell of Propane	Investigated house - Nothing found
3/19/2008	Allen Avenue Ext	Still	CO alarm sounding	Investigated house - No CO found
4/16/2008	Pleasant Hill Road	Still	Chimney fire	Provided supply line for Engine 2
5/27/2008	Middle Road	Still	Wood pile on fire	Extinguished 10 ft x 5 ft pile of wood
7/23/2008	Pleasant Hill Road	Still	Wire sparking	Branch on Wire - Stood by for CMP
9/30/2008	Aster Lane	Still	Fire alarm sounding	Alarm malfunction – low battery
10/11/2008	Middle Road	Still	Furnace malfunction	E3 did not respond - No driver
10/25/2008	Allen Avenue Ext	Still	CO alarm sounding	Investigated house - No CO found
11/20/2008	Payeur Circle	Still	Alarm sounding	Not a fire alarm – Was burglar alarm
12/12/2008	Heather Lane	Still	Wires down	Ice Storm
12/12/2008	Ledgewood Drive	Still	Wires down	Ice Storm
12/12/2008	Middle Road	Still	Wires down	Ice Storm
12/12/2008	Clifton Road	Still	Wires arcing	Ice Storm
12/24/2008	Country Lane	Desk	Propane Leak	Investigated house - Nothing found

Falmouth Fire-EMS
Non-EMS Incidents 2008
551 Incidents



2007 – Incidents in Pleasant Hill (13*)

<u>Incident #</u>	<u>Date</u>	<u>Address</u>	<u>Box</u>	<u>Description</u>	<u>Notes</u>
9	1/3/2007	Oakland Street	Still	Fire alarm	Burnt Food
403	4/5/2007	Sherwood Drive	Still	Power line down	Contacted CMP
416	4/5/2007	Pine Road	Still	Tree limb on wires	Stood by for CMP
586	4/14/2007	Plumwood Way	Still	Fire Alarm	False Alarm / E4 covered for E3
640	4/30/2007	Stapleford Drive	Still	Fire Alarm	False alarm
679	5/9/2007	Allen Avenue Ext	Still	Brush fire	Extinguished small fire
704	5/13/2007	Jameson Drive	Desk	Structure fire	2 nd Alarm Fire
801	6/6/2007	Lower Methodist	Still	Propane leak	T4 covered for E3
916	7/1/2007	Lower Falls Road	Still	Smoldering mulch	Extinguished by homeowner
1031	8/2/2007	Pleasant Hill Road	Desk	Smoke in building	Furnace Problem
1107	8/18/2007	Carriage Road	Still	Smoldering mulch	Extinguished with water can
1231	9/25/2007	Pleasant Hill Road	Still	Fire alarm	Faulty detector
1466	11/25/2007	Ledgewood Drive	Still	Unpermitted burn	Extinguished with water can

2007 – Patriots Day Storm (16*)

<u>Incident #</u>	<u>Date</u>	<u>Address</u>	<u>Box</u>	<u>Description</u>	<u>Notes</u>
460	4/16/2007	Stonecrest Drive	Still	water in basement	E3 responded
462	4/16/2007	Allen Avenue Extension	Still	water in basement	E2 covered for E3
473	4/16/2007	Pleasant Hill Road	Still	water in basement	E4 covered for E3
486	4/16/2007	Ledgewood Drive	Still	trees/wires down	E2 covered for E3
499	4/16/2007	Ledgewood Drive	Still	water problem	B4 covered for E3
502	4/16/2007	Surrey Lane	Still	water in basement	E2 covered for E3
504	4/16/2007	Middle Road	Still	water in basement	R1 covered for E3
505	4/16/2007	Middle Road	Still	water problem	T2 covered for E3
508	4/16/2007	Stapleford Drive	Still	tree on house	T4 covered for E3
529	4/16/2007	Allen Avenue Extension	Still	water problem	E2 covered for E3
537	4/16/2007	Allen Avenue Extension	Still	water in basement	E2, B4 covered for E3
541	4/16/2007	Middle Road	Still	water in basement	E1 covered for E3
551	4/16/2007	Allen Avenue Extension	Still	water problem	E2, E4, B4 covered
568	4/16/2007	Allen Avenue Extension	Still	water in basement	E4 covered for E3
570	4/16/2007	Pleasant Hill Road	Still	water problem	E4/T4 covered for E3
573	4/16/2007	Middle Road	Still	water in basement	E4 covered for E3

*Engine 3 went out of service for mechanical problem

2008 Mutual Aid Changes

➤ Effective in July 2008

- Windham Engine 5 responds to incidents in the Babbidge Road area.
- West Cumberland Engine 102 and Engine 105 responds to incidents in the area of Hurricane Road and points north on Blackstrap Road and Gray Road.
- Engine 3 does not respond unless incident reaches the level of an additional alarm. Previously, Engine 3 would respond as the 2nd due pumper to the above areas.

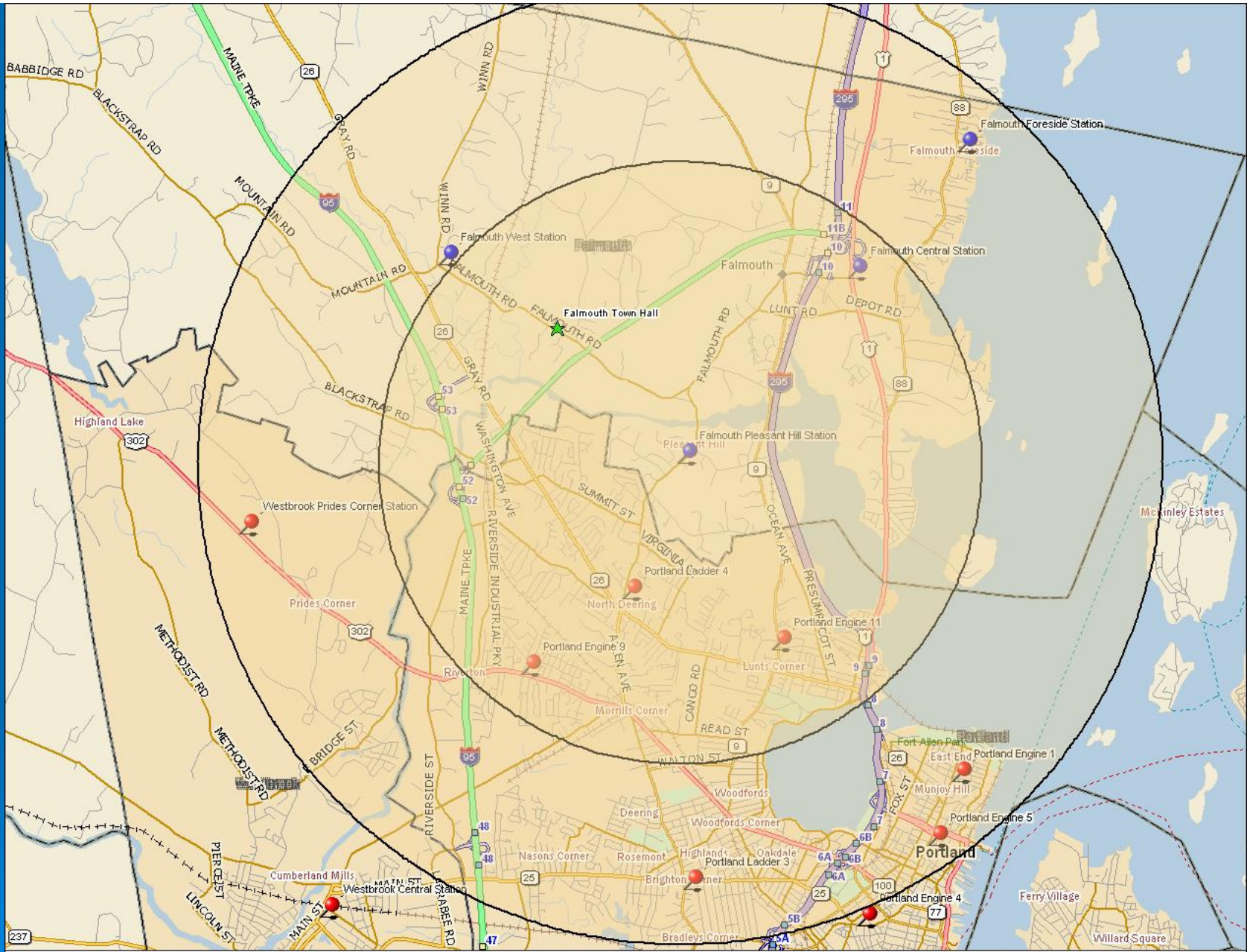
2008 Operational Changes


➤ Effective in July 2008:

- Daily Per Diem Firefighter/Paramedic housed at Central Station from 7 a.m. to 7 p.m. responds to all incidents when alarm calls for 2 companies or more.
 - Includes fire alarms, structure fires, vehicle fires, or reports of smoke.
 - The Firefighter/Paramedics were all issued structural firefighting gear in Summer 2008.
 - Firefighting equipment (including SCBA) were added to the ambulances.
- Single resource incidents do not require the ambulance to respond. These include mulch fires in the medians and parking lots, vehicles leaking gas, or public assist calls.
 - FF/Paramedic remains available in quarters unless requested.
- Initial responses to many incidents across town are reduced by the Per Diem FF/Paramedic arriving on scene before the Engine companies.

Area surrounding Pleasant Hill

- There are ten Fire Stations within a 4-mile radius of Station 3. There are 3 stations within a 2.5 mile radius of Station 3. Of the ten within the 4-mile radius, seven are staffed with career firefighters. The stations contain a total of:
 - 8 Engines
 - 2 Quints (Combination Engine and Ladder)
 - 2 Aerial Towers/Ladders
 - 7 Ambulances
 - 1 Heavy Rescue
 - 1 Tanker





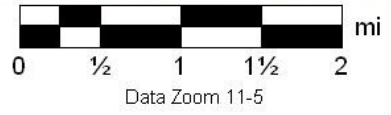
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Comparison to Other Communities

- Falmouth – 4 stations
 - 4 Engines
 - 1 Engine/Tanker
 - 1 Tower
 - 1 Heavy Rescue/Squad
- Yarmouth - 2 Stations
 - 3 Engines
 - 1 Tower
 - 1 Mini-pumper
- Freeport - 1 Station
 - 2 Engines
 - 1 Ladder
 - 1 Tanker
 - 1 Brush Truck

- Cumberland - 2 Stations
 - 2 Engines
 - 1 Engine/Tanker
 - 1 Ladder
 - 1 Squad (heavy rescue)
- Windham - 4 Stations
 - 4 Engines
 - 1 Tower (shared with Gorham)
 - 1 Ladder
 - 1 Tanker
 - 1 Heavy Rescue/Squad

Falmouth Fire-EMS without Station 3

- Falmouth Fire-EMS would operate with:
 - 3 Class A pumpers
 - 1 Pumper/Tanker
 - 1 Aerial Tower-Ladder
 - 1 Heavy Rescue
 - 1 Utility Truck
 - 2 Ambulances
- Falmouth would receive automatic mutual aid from Portland for the Pleasant Hill Area in response for sending Tanker and Ambulance automatic to airport.
- Current Station 3 personnel would shift to the other 3 companies.

Pleasant Hill Response without Station 3

- Fire Alarm (Still Box):
 - Engine 2 and Tower 2 from Central Station (Bucknam Road)
 - Engine 4 from Station 4 (Winn Road).

- Report of Fire / Smoke / Gas in building (Desk Box):
 - Ladder 4 from Portland (Allen Avenue)
 - Engine 2 and Tower 2 from Central Station (Bucknam Road)
 - Engine 4 from Station 4 (Winn Road)
 - Rescue 1 from Station 1 (Foreside Road)
 - Squad 1 from Cumberland (Tuttle Road) for FF Safety Team

- For all Alarms, firefighters from Pleasant Hill area would meet apparatus on scene.

Insurance Service Organization (ISO)

- The rating for the Town of Falmouth is currently a 4/9 classification. For homes in the hydrant areas the rating is a 4. For homes outside the hydrant areas, the water needed for fighting a fire is brought in on tankers and the rating is a 9. Pleasant Hill is within hydrant area.
- A preliminary discussion with both ISO and a private independent contractor specializing in ISO issues have both yielded the belief that the elimination of Station 3 would not effect the 4/9 rating.
- The required flow of water for a fire in Falmouth according to ISO is 3,500 gallons per minute. This can be accomplished by the remaining apparatus if Engine 3 is taken out of the equation.

Cost Savings

- The closing of Station 3 would save:
 - Fire Station operating expenses
 - Current needed building improvements
 - Future building improvements
 - Equipment replacement / maintenance
 - Vehicle replacement costs
 - Reduce Fire-EMS apparatus fleet by 1 pumper
 - Engine 3 is scheduled to be replaced in 2013

Cost Savings

- Operating Budget Savings:
- Annual Fire Station Operating Costs: \$7,500
 - (Includes heating fuel, electricity, IT costs, alarms)

- Capital Improvement Plan Savings:
- Building Improvements: \$200,000
- Engine 3 Apparatus: \$500,000
- Station 3 / Engine 3 Equipment: \$5,000 per year

- Annualized Savings:
- Fire Station Operating Costs: \$7,500 annually
- Building Improvements (\$200,000 / 20 years): \$10,000 annually
- Engine 3 Replacement (\$500,000 / 20 years): \$25,000 annually
- Engine 3 Equipment: \$5,000 annually
- Total Estimated Savings: \$47,500 annually

Building Improvement Items	Notes	Estimated Cost
Removal of Trees Surrounding Building	<i>Insurance company requirement (crane required)</i>	\$ 6,000
Remove wood floor from boiler room	<i>Insurance company requirement</i>	\$ 1,000
Repair Ceiling in Truck Bay	<i>Several Missing / Damaged Tiles (fire-rated ceiling required)</i>	\$ 3,000
Outside stairway from second floor	<i>Add canopy and provide for life safety issues</i>	\$ 2,500
Repair or Replace Chimney	<i>Chimney currently leaning and crumbling (incl. repair siding)</i>	\$ 2,500
Construction required to meet life safety code	<i>Life Safety 101 - Separation of apparatus bay and work area</i>	\$ 7,500
Truck bay floor drains need work	<i>Grease trap interceptor needed to meet DEP drain requirement</i>	\$ 5,000
Fire Alarm upgrade	<i>Install adequate detection and notification devices</i>	\$ 4,000
Replace air compressor	<i>Inappropriate electrical exposure on existing compressor</i>	\$ 500
Upgrade interior stairs to meet code	<i>Current layout does not meet code</i>	\$ 8,000
Update kitchen	<i>Hood system to be included</i>	\$ 10,000
New finishes	<i>Flooring, paint, etc</i>	\$ 5,000
Replace windows & exterior doors	<i>Eliminate two first floor windows and second floor door</i>	\$ 10,000
Upgrade the bathrooms	<i>New layout and a shower</i>	\$ 5,000
A way to exhaust truck exhaust from building	<i>Plymovent system (similar to other three stations)</i>	\$ 13,000
Rewire building to include life safety equipment and energy efficient lighting	<i>Residential wiring needs to be upgraded to commercial grade</i>	\$ 15,000
Meeting room floor has asbestos tile	<i>Testing and abatement and floor replacement</i>	\$ 16,000
Replace heating system	<i>Install Propane System similar to Stations 1, 2, and 3</i>	\$ 30,000
Sprinkler system	<i>Life Safety 101 - Install Sprinkler System</i>	\$ 25,000
Need septic system	<i>May require chamber system (also possible blasting)</i>	\$ 25,000

Total: \$ 187,000

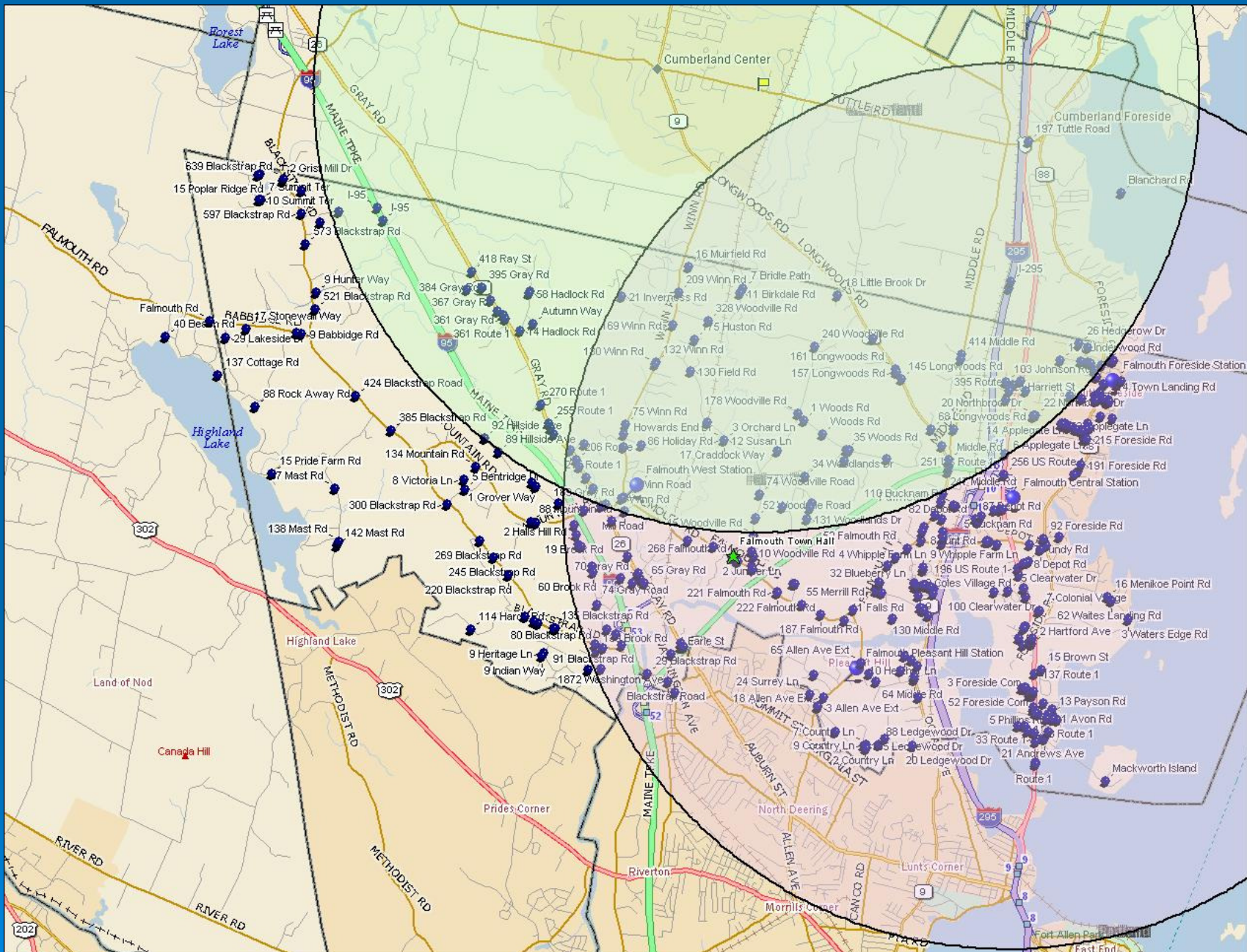
2009 Proposed Operational Changes

- Expand Per Diem Firefighter/Paramedic Program to cover nights from 7 p.m. to 7 a.m.
- Staff 1 cross-trained Firefighter/Paramedic at night at Central Station (similar to daytime)
- Use night-time Firefighter/Paramedics to respond to non-EMS calls.
 - Structure Fires, Vehicle Fires, Storm Coverage
- Guarantee 24x7 coverage in Falmouth
 - Decreased response time for Paramedics on scene
 - Night-time FF/Paramedic responds with ambulance

Night-time EMS Coverage (continued)

➤ Other Benefits:

- Better accountability of FF/Paramedics
- More night-time staff for other duties as needed
 - Attend Meetings
 - Perform Inspections
 - Perform equipment maintenance
- Ability to hold training sessions in evenings, when volunteer members are more available
- New employees could work with the night-time FF/Paramedics to gain experience
- Consistent, known responders, who report to Falmouth Fire-EMS Management
- Expansion of current successful daytime Per Diem program



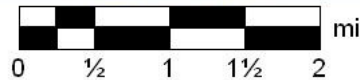
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Night-time EMS Coverage (continued)

- Estimated Cost of Firefighter / Paramedic (7 p.m. to 7 a.m.):
 - \$90,000
- Current Cost of Regional Paramedic Partnership:
 - \$60,000
- Additional Funds Needed to house FF/Paramedic at Falmouth Central Station:
 - \$30,000

Questions??

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