



HALIFAX

Halifax Regional Fire & Emergency

Operational Review

Regional Council

11-Dec-18

Background

- May 2001, Administrative Order 24
- February 2006, “Service Delivery Standards for HRFE”
- February 2014, Pomax, Fire Dispatching Operational Review
- March 2015, Regional Council directed staff to return to Council with a revised Fire Service Delivery Target and review of Administrative Order 24
- January 2016, OPTA (FUS) Municipal Consulting Services “Fire Protection Services Study” and service review
- December 2018, Pomax Consulting Inc report - “Review Administrative Order 24 and Halifax Fire and Emergency Service Delivery Levels and 2006 Standards of Response”



HALIFAX

HRFE Snap Shot

- Composite Service Delivery Model
 - 445 Career Firefighters
 - 500 Volunteer Firefighters
 - Emergency Management
 - Safety/Training/Fire Prevention/Logistics
- 51 Fire Stations
 - 9 - 24hr Career Stations
 - 9 - 24hr Career Composite Stations (Career & Volunteer)
 - 11 - 10.5hr Career Composite Stations (Career & Volunteer)
 - 22 - Volunteer Stations
- 114 Heavy Fire Apparatus



HALIFAX

Pomax Report Summary

Administrative Order 24

- Participate in Federally funded Heavy Urban Search & Rescue (HUSAR) program
- Training of firefighters and other members

2006 “Service Delivery Standard”

- Performance monitoring and analysis
- Alarm handling (call taking & dispatch)
- Turnout times for firefighters
- Response times (travel times) for first arriving fire apparatus
- Response times (travel times) for multiple unit response in urban fire protection districts
- Special circumstances around the Halifax International Airport



HALIFAX

HRFE Operational Review Recommendation 1

Repeal and replace Administrative Order 24



HALIFAX

Administrative Order

- Update terminology and naming conventions.
- New language describing HRFE's responsibility for Emergency Management Coordination.
- New language describing HRFE's responsibility as the Local Assistant to the Fire Marshall with respect to inspections, investigations and code enforcement.
- Removal of outdated language.
- Revisions to minimum service levels and types as well as improved Schedule of definitions.



HALIFAX

Proposed Service Type and Level

Category	Service Type	Minimum Service Level
Firefighting	Structural	Offensive
	Wildland	Ground Cover Fires
	Marine (Vessel)	Defensive & Support
Emergency Medical	Medical First Response	Advanced Medical First Responder**
Technical Rescue	Vehicle Rescue	Technician Level*
	Surface Water Rescue	Technician Level
	Ice Rescue	Technician Level
	Confined Space Rescue	Technician Level
	Rope Rescue	Technician Level
	Trench Rescue	Technician Level
	Structural Collapse	Technician Level*
	Urban Search & Rescue	Heavy*
Hazardous Materials	Hazardous Materials Response	Technician Level



HALIFAX

* Contingent on Federal HUSAR program participation

Proposed Service Type and Level cont.

Category	Service Type	Minimum Service Level
Fire Prevention & Education	Fire Prevention & Education	Fire Code Inspections and Enforcement, Fire Cause and Public Education
Emergency Management	Coordination of Municipal Emergencies	Emergency Planning, Preparedness and Response
Ground Search & Rescue		Assistance



HALIFAX

* Contingent on Federal HUSAR program participation

HRFE Operational Review

Recommendations 2 & 3

- Accept the proposed “Emergency Response Time Targets”
- Direct HRFE to develop a multi-year response strategy for implementation of the Emergency Response Time Targets in accordance with the Business Planning and Budget cycle.



HALIFAX

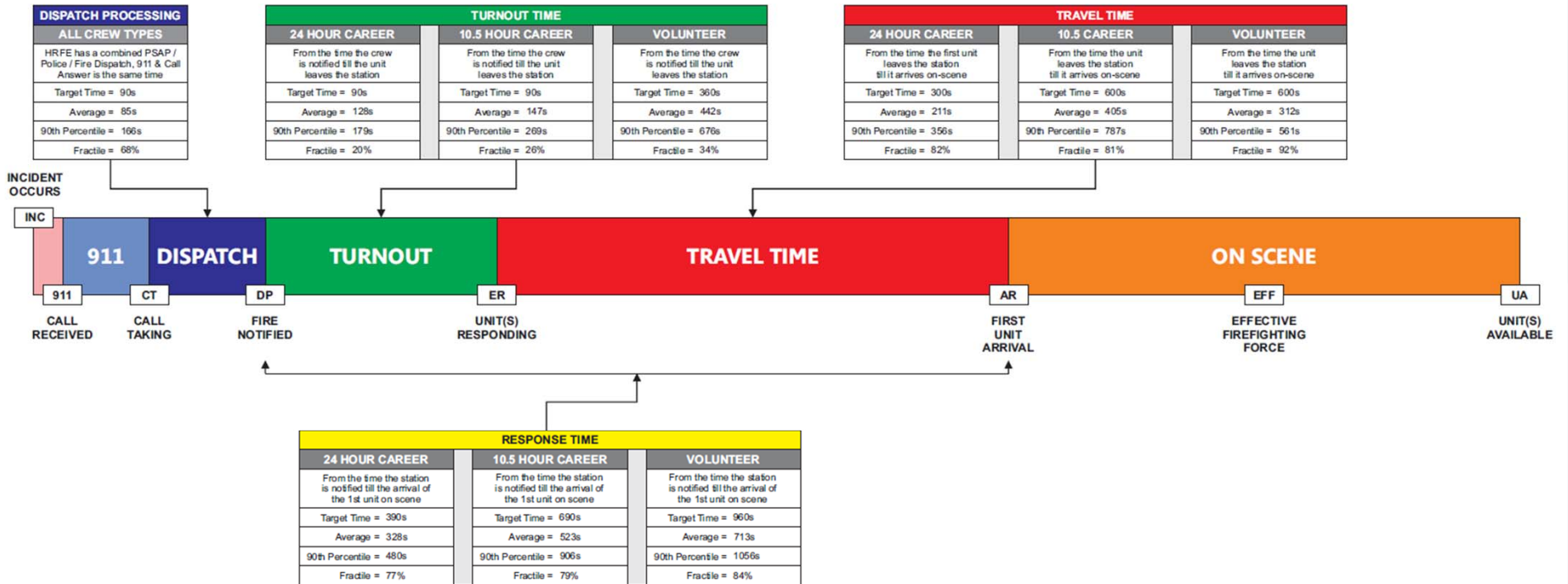
Proposed Emergency Response Time Targets

Target Time	Responding Crew	2006 (s)	Proposed (s)
Dispatch	Structure Fires and Medical Emergencies	60	90
Turnout			
	Structure Fire Emergencies		
	Urban Career	60	90
	Urban Volunteer	--	360
	Rural Career	60	90
	Rural Volunteer	360	360
	Medical Emergencies		
	Urban Career	60	60
	Urban Volunteer	--	360
	Rural Career	60	60
	Rural Volunteer	360	360
Travel			
	Urban Career	300	300
	Urban Volunteer	300	300
	Rural Career	600	600
	Rural Volunteer	600	600
1st Alarm	Urban Career	480	480



HALIFAX

Anatomy of a call



SOURCE: 2018 INCIDENT DATA
DECEMBER 10, 2018



HALIFAX

How many firefighters does it take to put out a “typical” structure fire? (NFPA 1710 5.2.4.2)

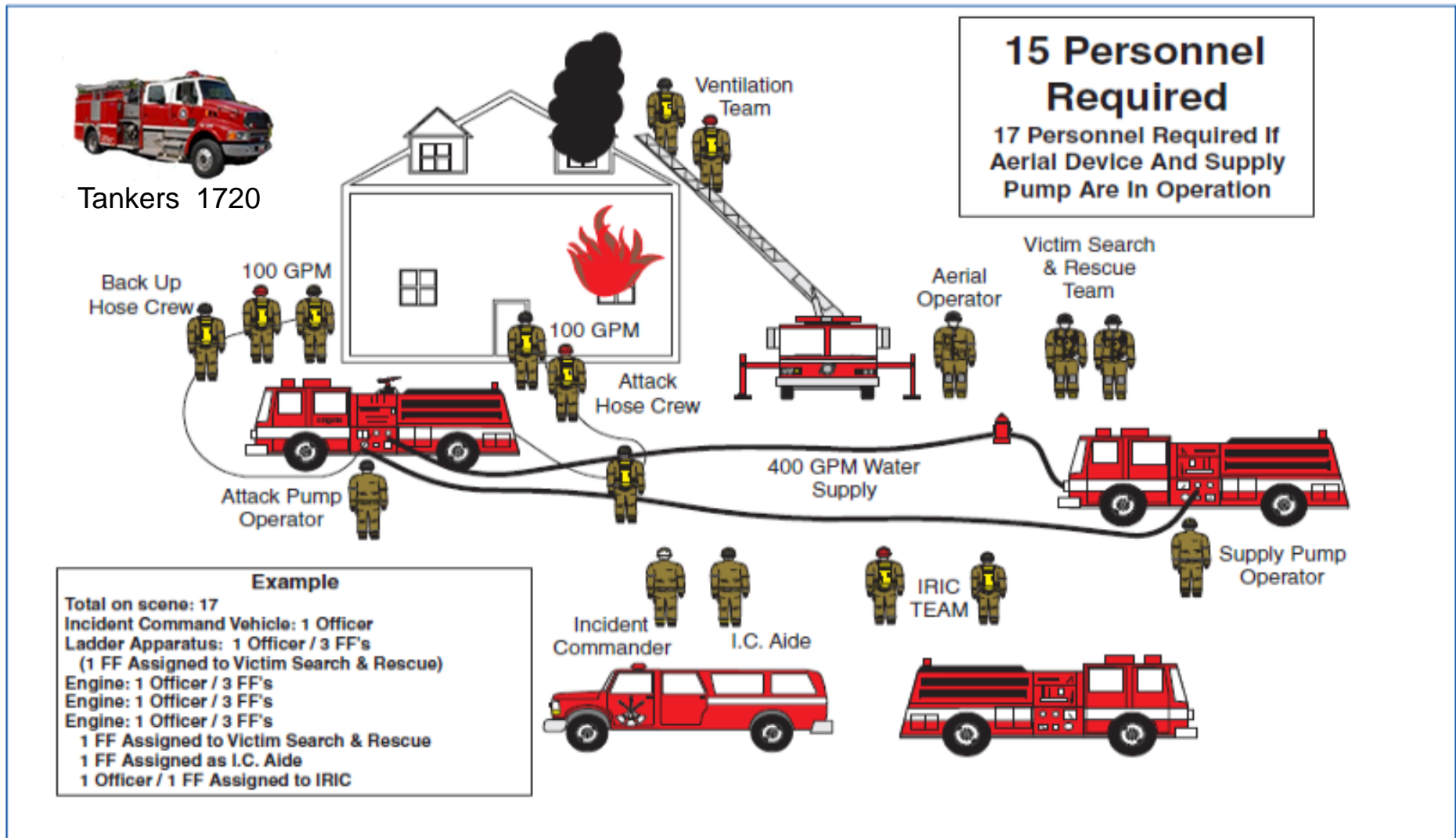
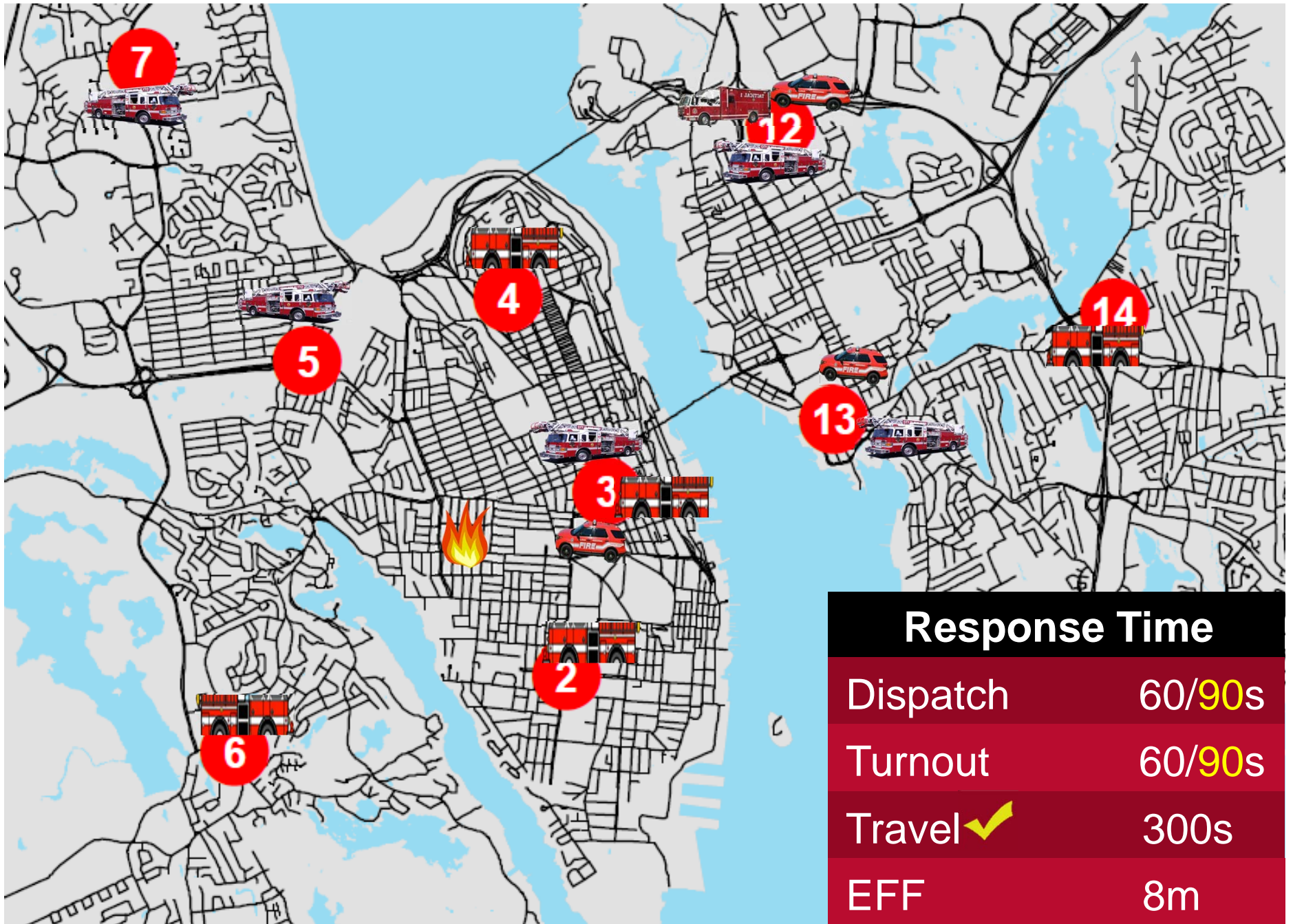
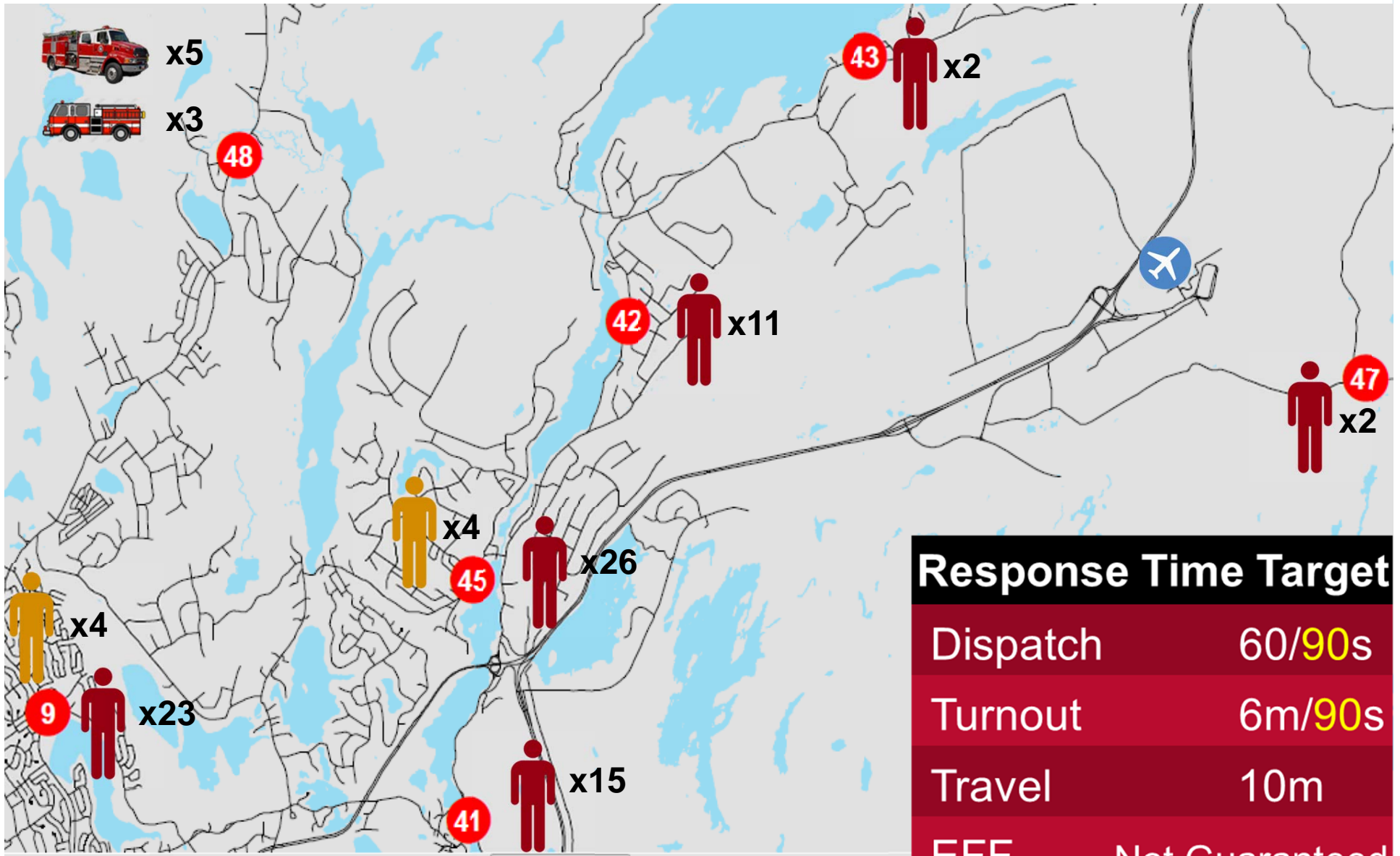


FIGURE 1-1. INITIAL FULL-ALARM ASSIGNMENT CAPABILITY DEPLOYED WITHIN EIGHT MINUTES (480 SECONDS)



Station 45 Fall River & Halifax International Airport



HRFE Operational Review Recommendation 4

Authorize and direct staff to prepare a business case including financial implications to be included for consideration in the 2019/20 & 2020/21 HRFE Budget and Business Plan to increase career staffing at fire station 45 (Fall River) from 0700-1730 Monday through Friday to 24 hours per day, 7 days per week.



HALIFAX

Proposed Staffing Changes at Station 45

Increase staffing at Station 45 (Fall River) with 24 hour composite staffing.

Strengths:

- Improve response to community of Fall River
- 210 persons /km²
- Assured 24/7 response with aerial/quint to Halifax International Airport

Weaknesses:

- Increased staffing costs (15 FTE's)
- Distance to HIA -14.6 km
- Response time approx.10 minutes



HALIFAX

Questions?



HALIFAX