

Dillon Report Analysis



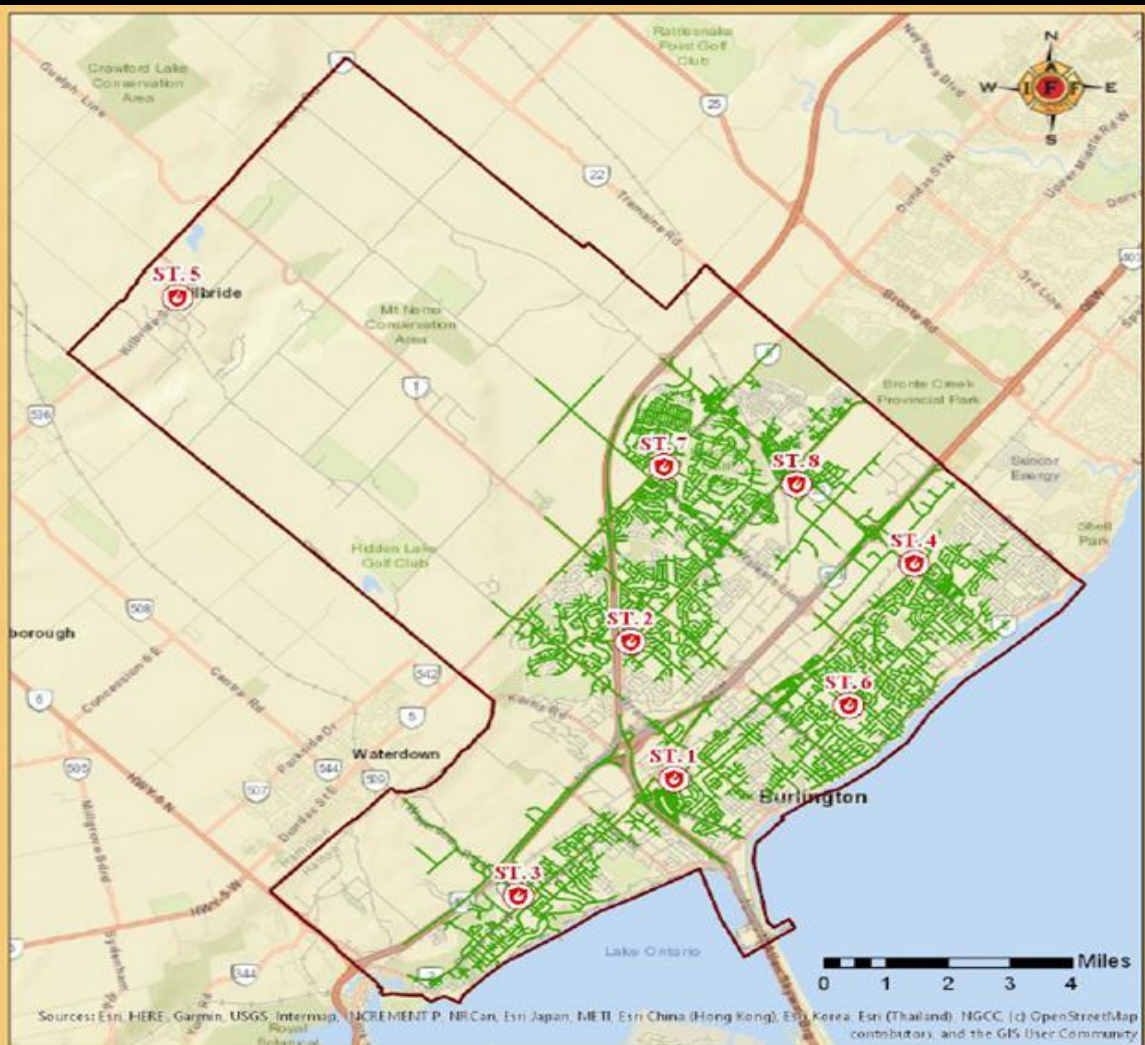
BURLINGTON PROFESSIONAL
FIREFIGHTERS  ASSOCIATION




June 9, 2022

Consensus Standards

NFPA® standards are recognized as an industry best practice

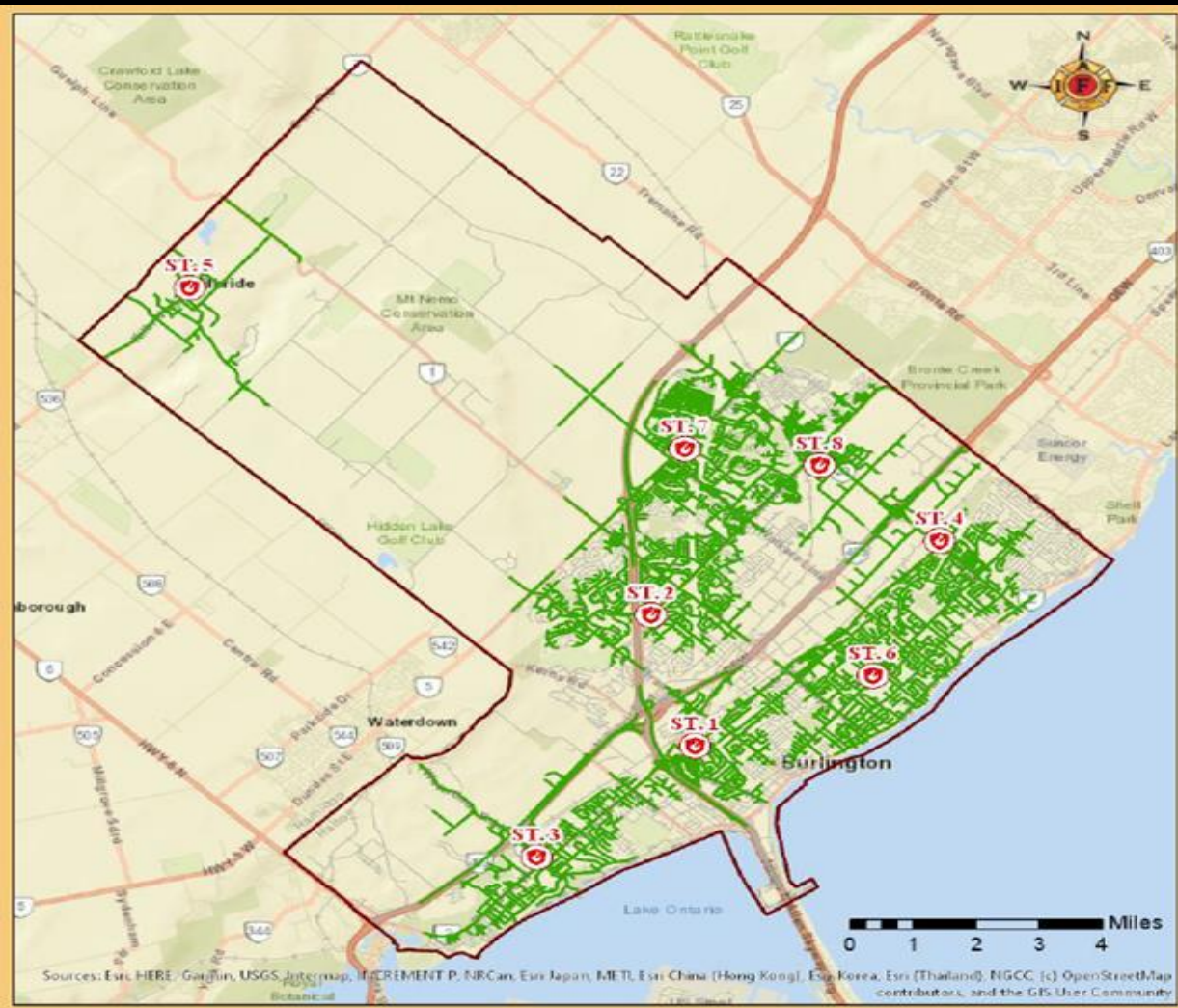
- Burlington Fire Department is a **career department** as defined by National Fire Protection Association (NFPA®) 1710: *Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments*
- NFPA® 1720: *Standard for the Organization and Deployment of Fire Suppression Operation, Emergency Medical Operations, and Special Operations to the Public by Volunteer Fire Departments*, **is not applicable to Burlington**






-  Fire Station
-  51.4% of area roads covered with a minimum of 4 firefighters within 4 minutes
-  Response Area

Burlington Fire Department Existing Emergency "2 In/2 Out" Capabilities Minimum of 4 Firefighters within 4 Minutes

*Assumes all units available to respond immediately upon dispatch



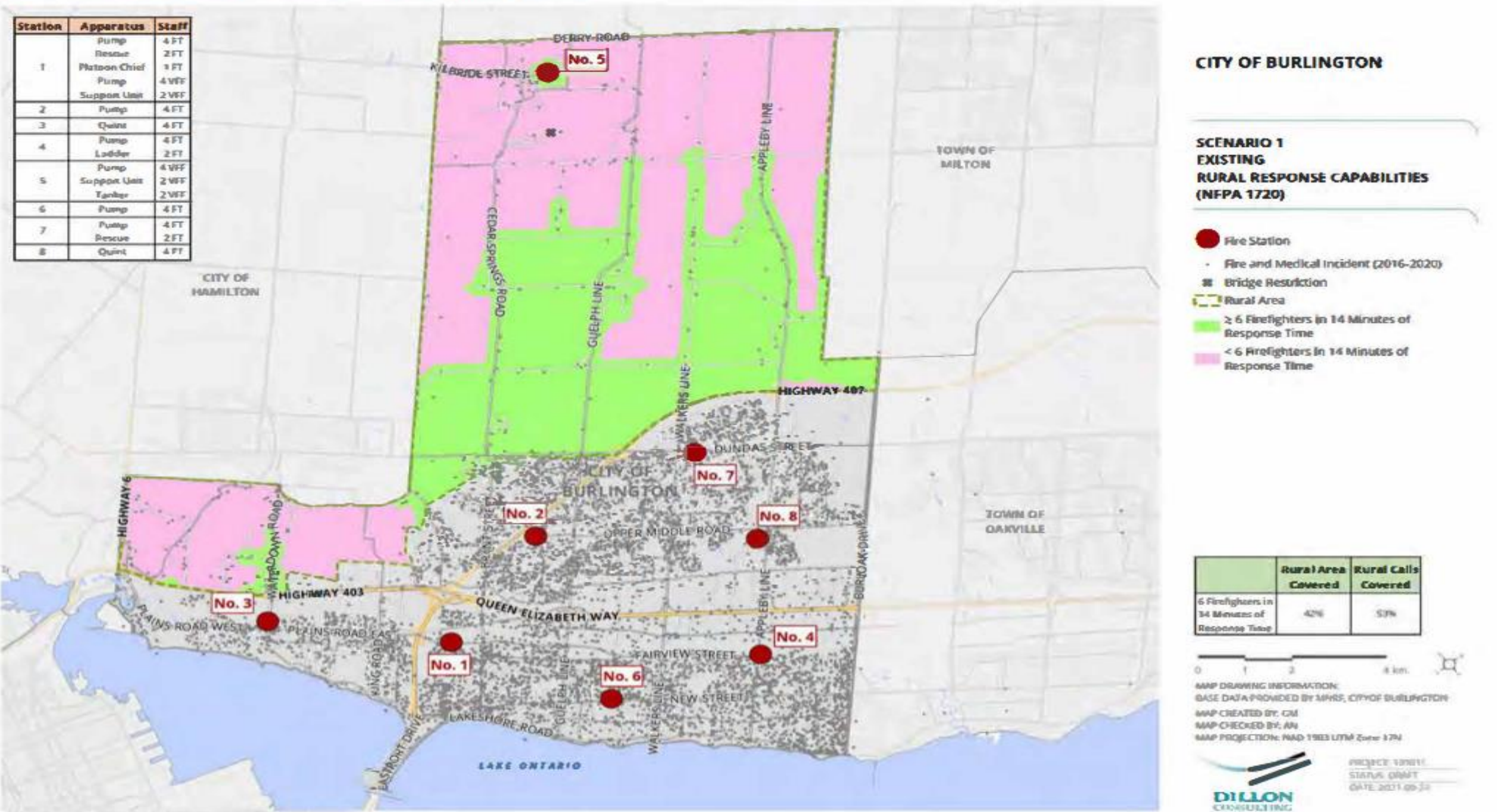
-  Fire Station
-  53.8% of all area roads covered with a minimum of 4 firefighters within 4 minutes
-  Response Area

Burlington Fire Department Emergency "2 In/2 Out" Capabilities Minimum of 4 Firefighters within 4 Minutes Recommended Staffing

*Assumes all units available to respond immediately upon dispatch

Burlington, ON Local 1552

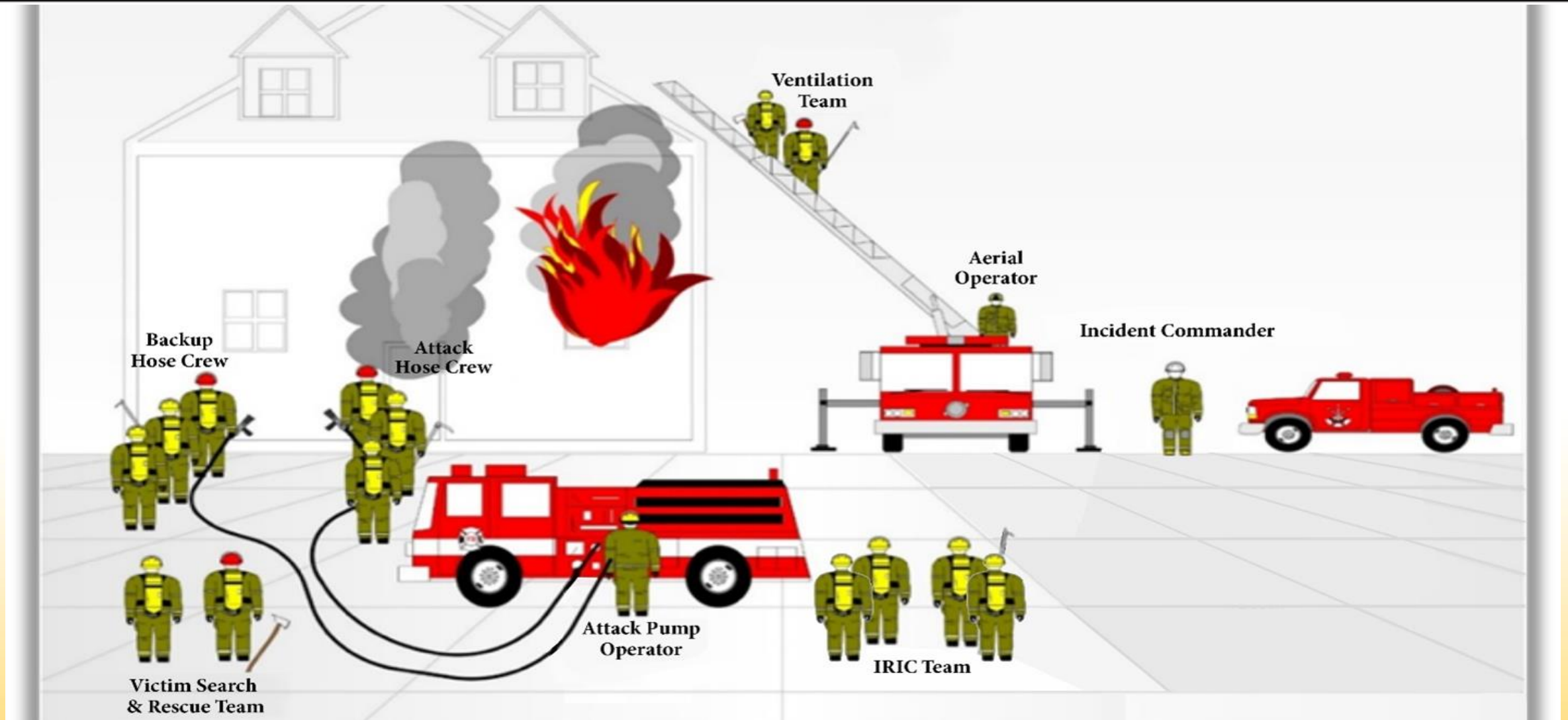
Figure 22: Existing Response Capabilities – Rural Area (N.F.P.A. 1720)



NFPA 1720

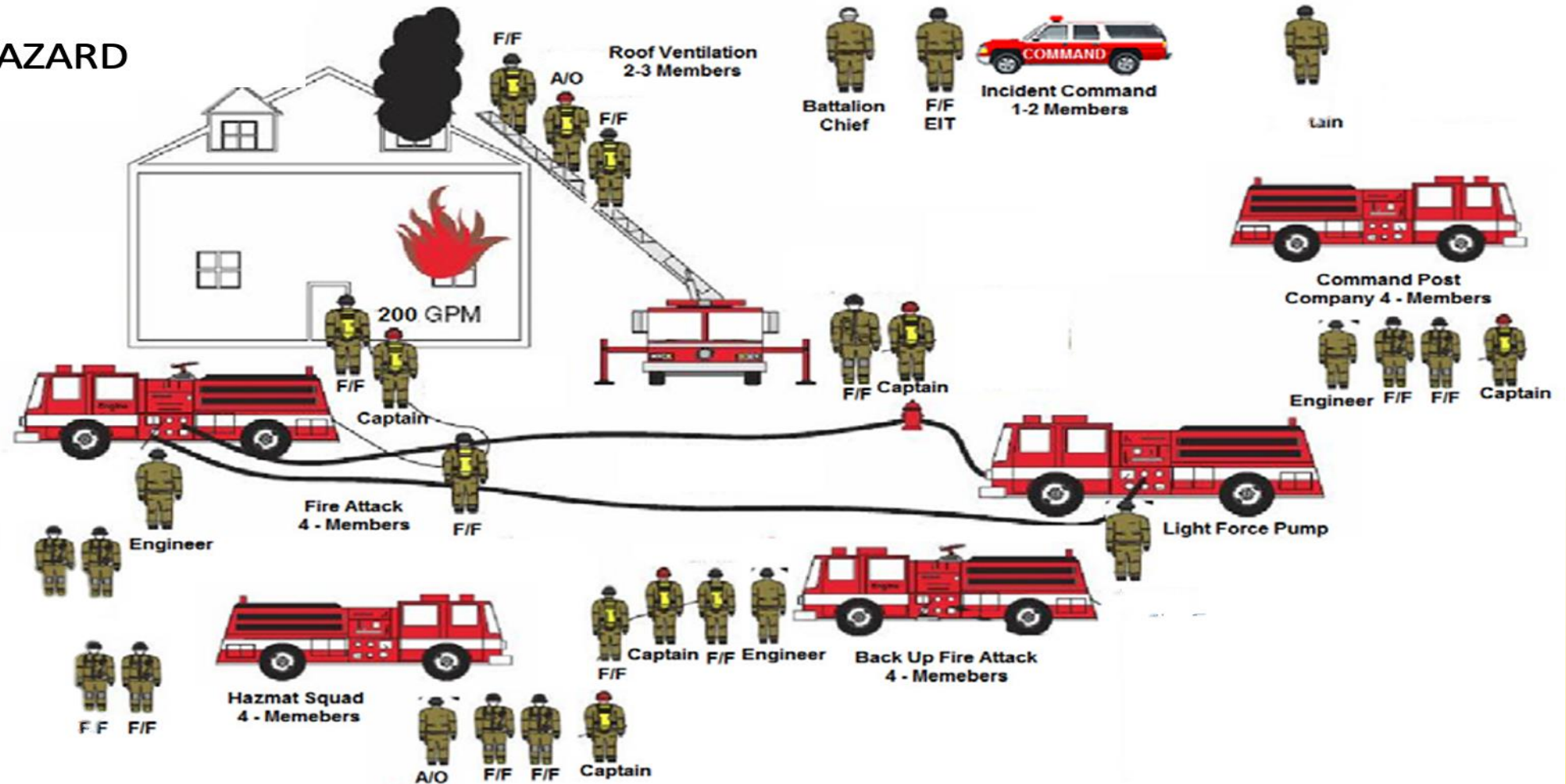
- Not applicable to Burlington Fire Department
- NFPA 1720 occupancy fits into the low-hazard category

Single-Family Initial Full alarm Assignment



Medium Hazard Effective Response Force

MEDIUM HAZARD



High Hazard Effective Response Force



<u>Assignment</u>	<u>Required Personnel</u>
Incident Command	1 Incident Commander 1 Incident Command Aide
Uninterrupted Water Supply	1 Building Fire Pump Observer 1 Fire Engine Operator
Water Flow from Two Handlines on the Involved Floor	4 Firefighters (2 for each line)
Water Flow from One Handline One Floor Above the Involved Floor	2 Firefighters (1 for each line)
Rapid Intervention Crew (RIC) Two Floors Below the Involved Floor	4 Firefighters
Victim Search and Rescue Team	4 Firefighters
Point of Entry/Oversight Fire Floor	1 Officer 1 Officer's Aide
Point of Entry/Oversight Floor Above	1 Officer 1 Officer's Aide
Evacuation Management Teams	4 Firefighters (2 per team)
Elevator Management	1 Firefighter
Lobby Operations Officer	1 Officer
Trained Incident Safety Officer	1 Officer
Staging Officer Two Floors Below Involved Floor	1 Officer
Equipment Transport to Floor Below Involved Floor	2 Firefighters
Firefighter Rehabilitation	2 Firefighters (1 must be ALS)
Vertical Ventilation Crew	1 Officer 3 Firefighters
External Base Operations	1 Officer
2 EMS ALS Transport Units	4 Firefighters
Required Minimum Personnel for Full Alarm	36 Firefighters 1 Incident Commander 6 Officers



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Imagine This



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Conclusion

- Additional resources are needed to protect the citizens and fire fighters
- Staffing station 5 will provide better protection and faster response
- Increased staffing in the downtown core will allow for assembly of an effective response force, enhancing safety to the citizens and responders