



Fire and Paramedic Services Proposed Optimization Plan

Public Information Sessions



Why Optimization?

- ❖ Council adopted the Fire and Paramedic Services Strategic Plan
- ❖ Council directed staff to produce a report to optimize Fire and Paramedic Services
- ❖ A proposal for Council's consideration
- ❖ Scope of the Report:
 - Services
 - Stations
 - Equipment
 - Staffing

Key Service Goals

- ❖ Ensure our response model addresses all community risks
- ❖ Establish a modern fire and paramedic service that has no boundaries or barriers
- ❖ Ensure our services make our community safer

One City, One Service

Paramedic Services

One City, One Service



Paramedic Stations/Posts
2000: 6 2017: 11 (+45%)

Full-Time Paramedic Staff
2000: 59 2017: 97 (+64%)

Part-time Paramedic Staff
2000: 27 2017: 46(+70%)

Frontline Paramedic Fleet (vehicles)
2000: 16 2017: 31 (+ 94%)

Fire Services

No Change



Fire Stations
2000: 24 2017: 24

Full-Time Fire Fighters
2000: 108 2017: 108

Volunteer Firefighters (Budgeted)
2000: 350 2017: 350

Frontline Fire Fleet (vehicles)
2000: 73 2017: 73

(0% change for all numbers)

Paramedic Service Response



Current

65.4%

4 minute drive

Optimized

68.2%

4 minute drive

Current

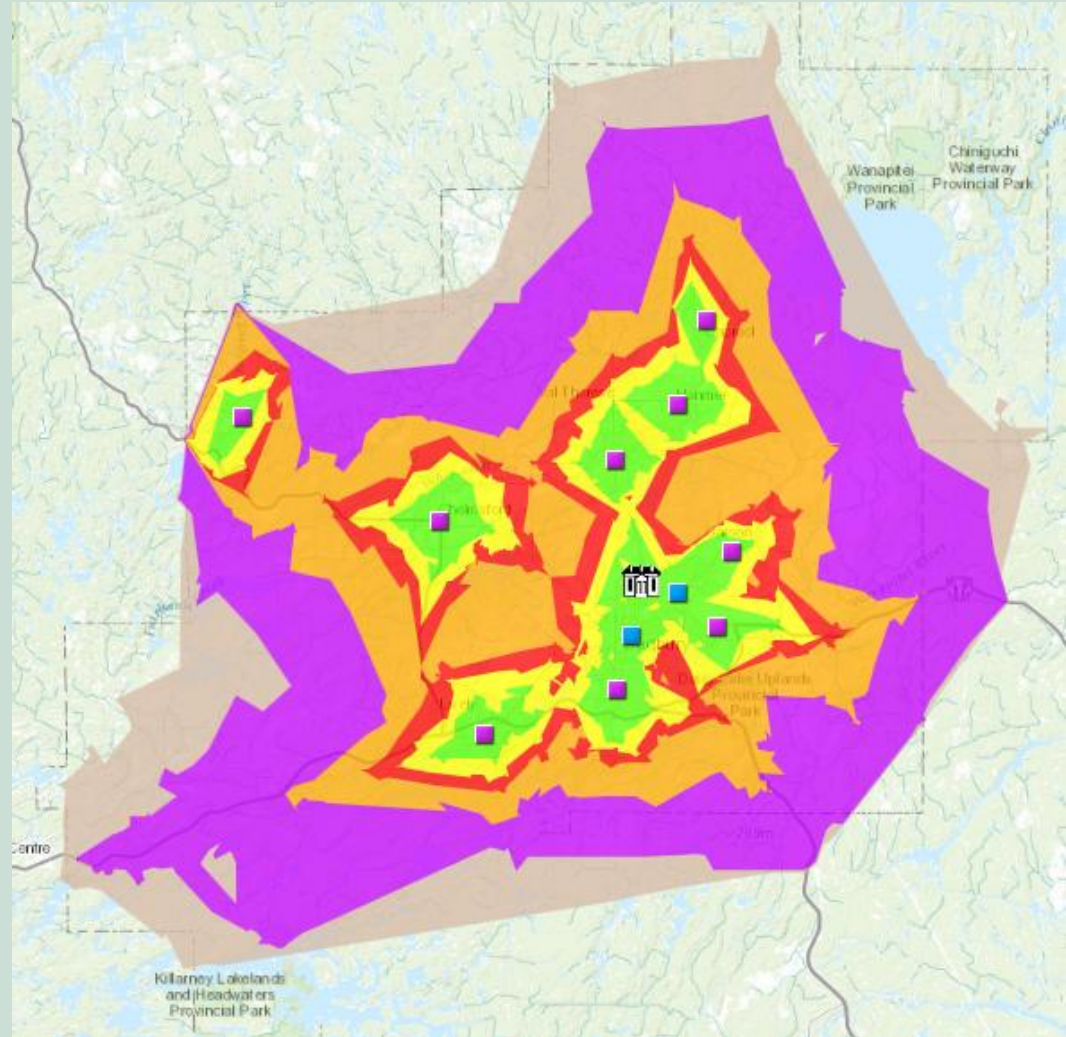
86.7%

8 minute drive

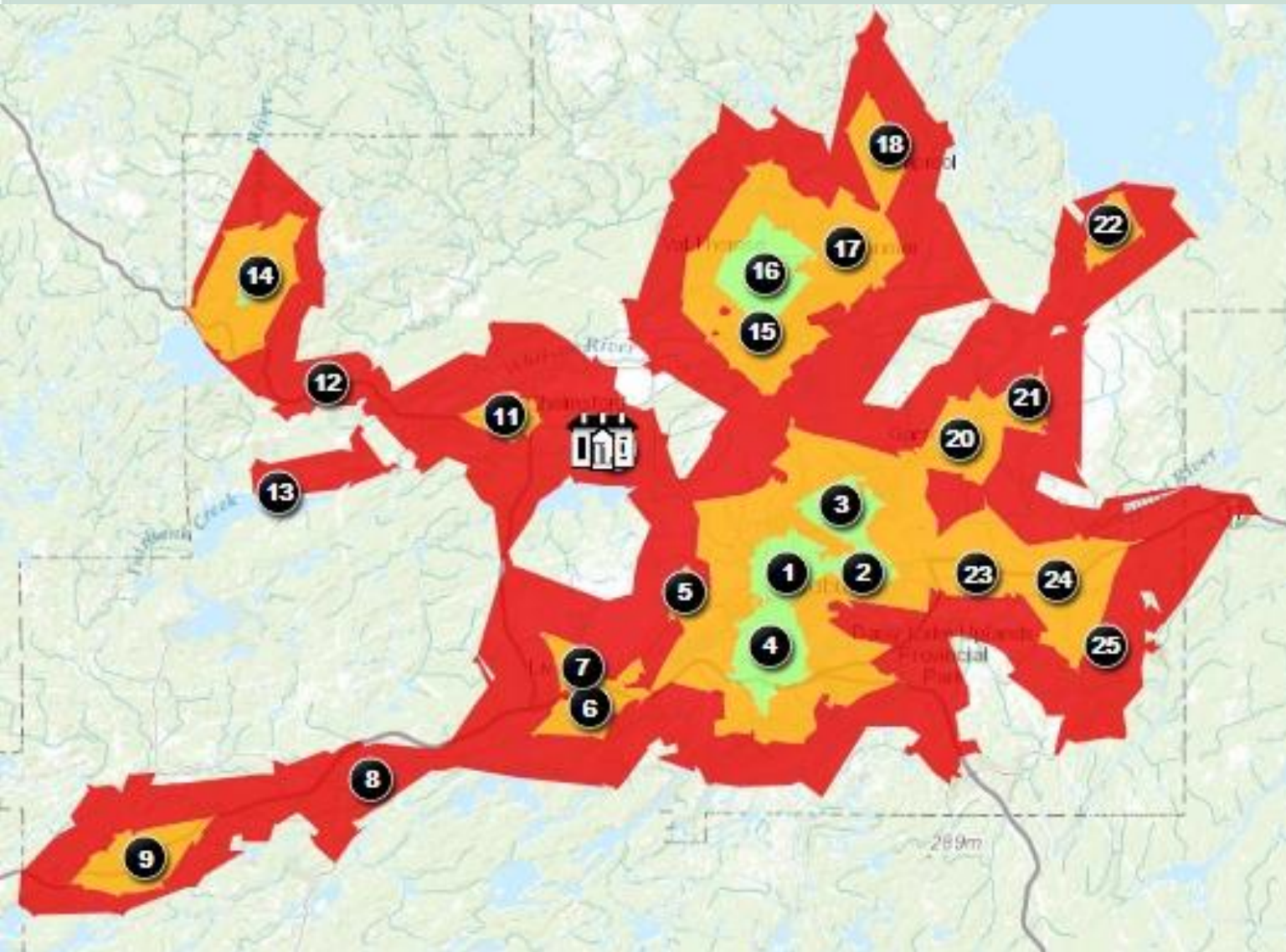
Optimized

88.9%

8 minute drive



Fire Response Current



Fire Station
Status Quo



Fire Station
Optimized



Fire and Paramedic
Headquarters



Fire Response
Times (minutes)

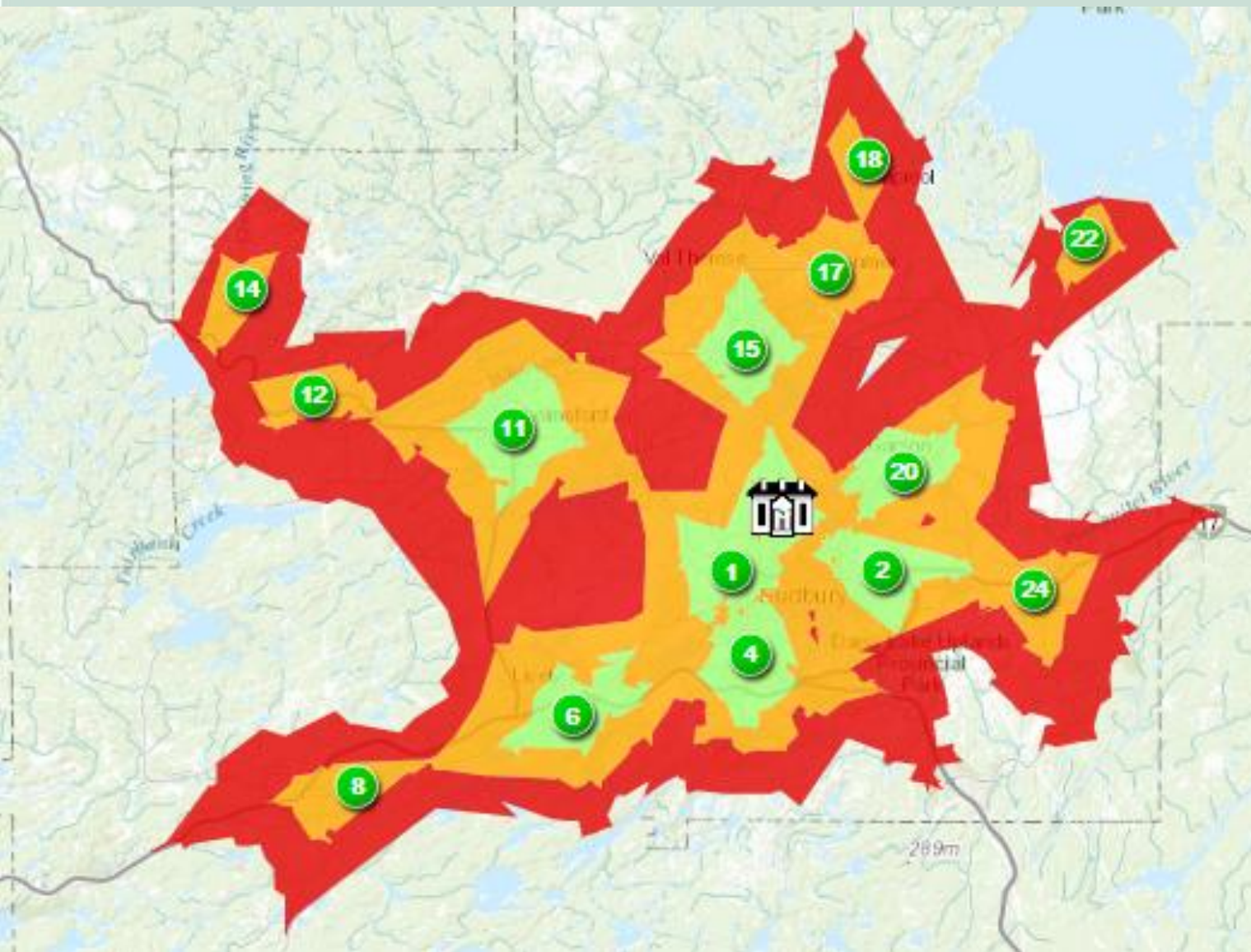


5:20

9:00

14:00

Fire Response Optimized



Fire Station Status Quo



Fire Station Optimized



Fire and Paramedic Headquarters



Fire Response Times (minutes)

- 5:20
- 9:00
- 14:00

Fire Response Before and After

5:20 minute response

Current

Optimized



42%

1-4 person response

53%

guaranteed 4-person
minimum response

Increase = **26.2%**

9 minute response



69%

1-4 person response

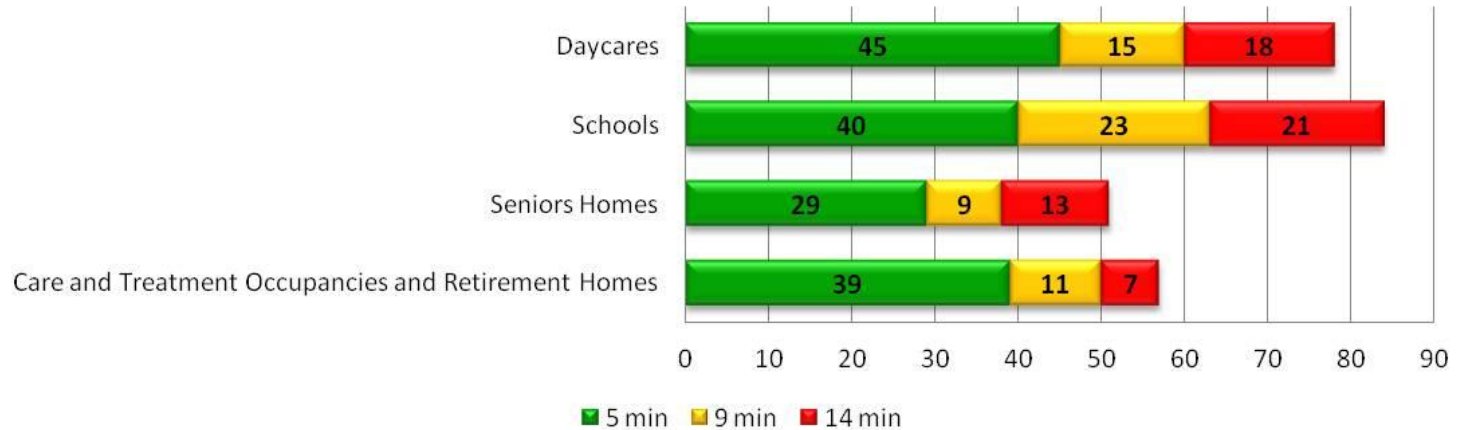
90%

guaranteed 4-person
minimum response

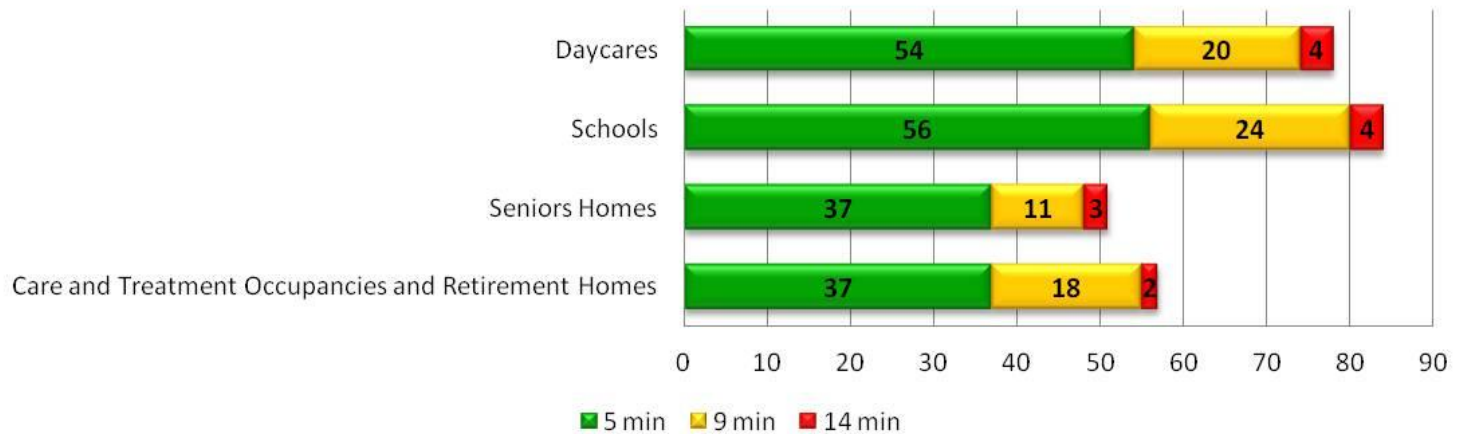
Increase = **30.4%**

Optimized Medical Tiered Response

Status Quo MTR



Optimized MTR



Fire Response: Solution

- ❖ Services that align with all community risks
 - Confined Space, Trench, HAZMat, Water & Ice Rescue and Medical Tiered Response
- ❖ Strategically located Composite stations that provide an immediate response (guaranteed response)
- ❖ Enhanced Volunteer response - From Home Response Model
- ❖ Better access to collaborative training for all firefighters
- ❖ Provide potential opportunities for fire insurance cost adjustments for residents / commercial properties

Fire Response: Collaboration

- ❖ Improved pre-incident planning for all residents, businesses and industrial properties
- ❖ Improved Fire Prevention (Inspections) and Public Education for all residents, businesses and industrial properties
- ❖ Ensure a work environment where all firefighters train and respond as a team to improve firefighter recruitment and retention

Costs of Service Delivery

- ❖ **\$ 35.5 million** 2016 net operating budget for Community Safety Department
 - Includes salaries, benefits, materials, fuel, purchased services, utilities, revenue, etc
- ❖ **\$ 36.3 million** costs of capital inventory for Fire Services only
 - Front-line vehicles (trucks, boats, trailers)
 - Major equipment (bunker gear, radio system, pagers, breathing apparatus, generators, auto extrication, etc)
- ❖ **\$ 20.4 million** cost to renovate existing 24 stations
 - Structural & mechanical only, does not address regulatory & legislative requirements, or size and configuration requirements

Overall Funding Shortfalls

- ❖ **Overall funding shortfall \$36.5 million**
 - **\$ 20.4 million** to renovate existing stations
 - **\$ 16.1 million** to replacement of vehicles and major equipment

Funding Challenges and Opportunities

- ❖ Ensure funding is in place to maintain, repair or replace stations, trucks and equipment
- ❖ Provide an opportunity to have a consistent community approach to fund the service
- ❖ Future costs between \$7.90 - \$16.84 each year (up to a max of 10 years) for every \$100,000 assessment value

Optimization

- ❖ 4 person immediate response at Garson, Chelmsford/Azilda, Waters/Lively & Val Caron
- ❖ Build 2 new paramedic posts Downtown and New Sudbury
- ❖ Build new shared stations at Elm West, Minnow Lake, Chelmsford/Azilda, Garson, Val Caron, Hanmer, Waters/Lively
- ❖ Build new central headquarters in city core

Optimization

- ❖ Renovate stations with plans to rebuild in future at Long Lake, Dowling, Levack, Capreol, Skead, Wahanpitaë, Whitefish
- ❖ Repurpose Lionel E Lalonde Centre
- ❖ Sell stations to reduce fiscal pressures
- ❖ Improved protection of growing population, businesses and industrial properties

The Optimized Solution

- ❖ Ensures our response model addresses all community risks
- ❖ Establish a modern response model that has no boundaries or barriers
- ❖ Ensures our Fire and Paramedic Service makes our community safer

Next Steps

- ❖ **March:** Public Information Sessions
- ❖ **April 26:** Council Meeting

