

Fire Master Plan



Developed in partnership by





Fire Master Plan

- Where we are
- How do we best serve the community
- How do we get there over the next 10 years
- Community Risk Assessment as separate document but part of the same process





Community Risk Assessment

- New provincial requirement
- What are the risks in the community?
- What options are there to reduce those risks?
- Fire Master Plan utilizes the CRA to help design a strategy to meet the community needs
- To be updated every 5 years





Consultation

- Community (survey / public info session)
- Firefighters (survey, station discussions, review of draft, town hall mtg)
- Leadership (one on one interviews)
- Senior municipal staff
- Council (one on one)
- Various stakeholders





Performance Measures / Standards

- The Ontario Fire Marshal's Office and Emergency Management (OFMEM) Public Safety Guidelines
- *The Fire Protection and Prevention Act*
- The National Fire Protection Association (NFPA) standards
 - NFPA 1201 – Standard for Providing Emergency Services to the Public
 - NFPA 1250 – Standard for Risk Management in the Fire Service
 - NFPA 1300 – Standard for Community Risk Assessment
 - NFPA 1221 – Standard in Relation to Communications/Dispatching Services
 - NFPA 1720 – Standard for Volunteer Fire Departments
 - NFPA 1730 – Standard for Fire Prevention and Education Activities
 - NFPA 1901 – Standard for Automotive Fire Apparatus





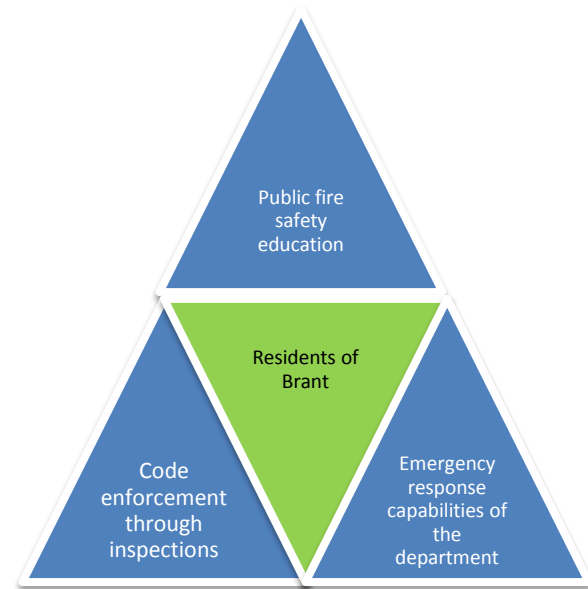
Performance Measures / Standards

- The Commission on Fire Accreditation International, a program that evaluates a Fire Department based on related NFPA standards, local legislation and industry best practices (the parent organization for CFAI is the Centre for Public Safety Excellence (CPSE))
- OFMEM's Integrated Risk Management program
- The *Ontario Health and Safety Act*, National Institute for Occupational Safety and Health (NIOSH)
- Ontario Fire Service – Section 21 Guidelines
 - The Section 21 Committee is based on Section 21 of the *Ontario Occupational Health and Safety Act*. This committee is charged with reviewing industry safety concerns and developing recommended guidelines to reduce injuries for the firefighters.
- Fire Underwriters Survey (FUS) technical documents



Three Lines of Defence

- Education
- Inspections and Enforcement
- Emergency Response

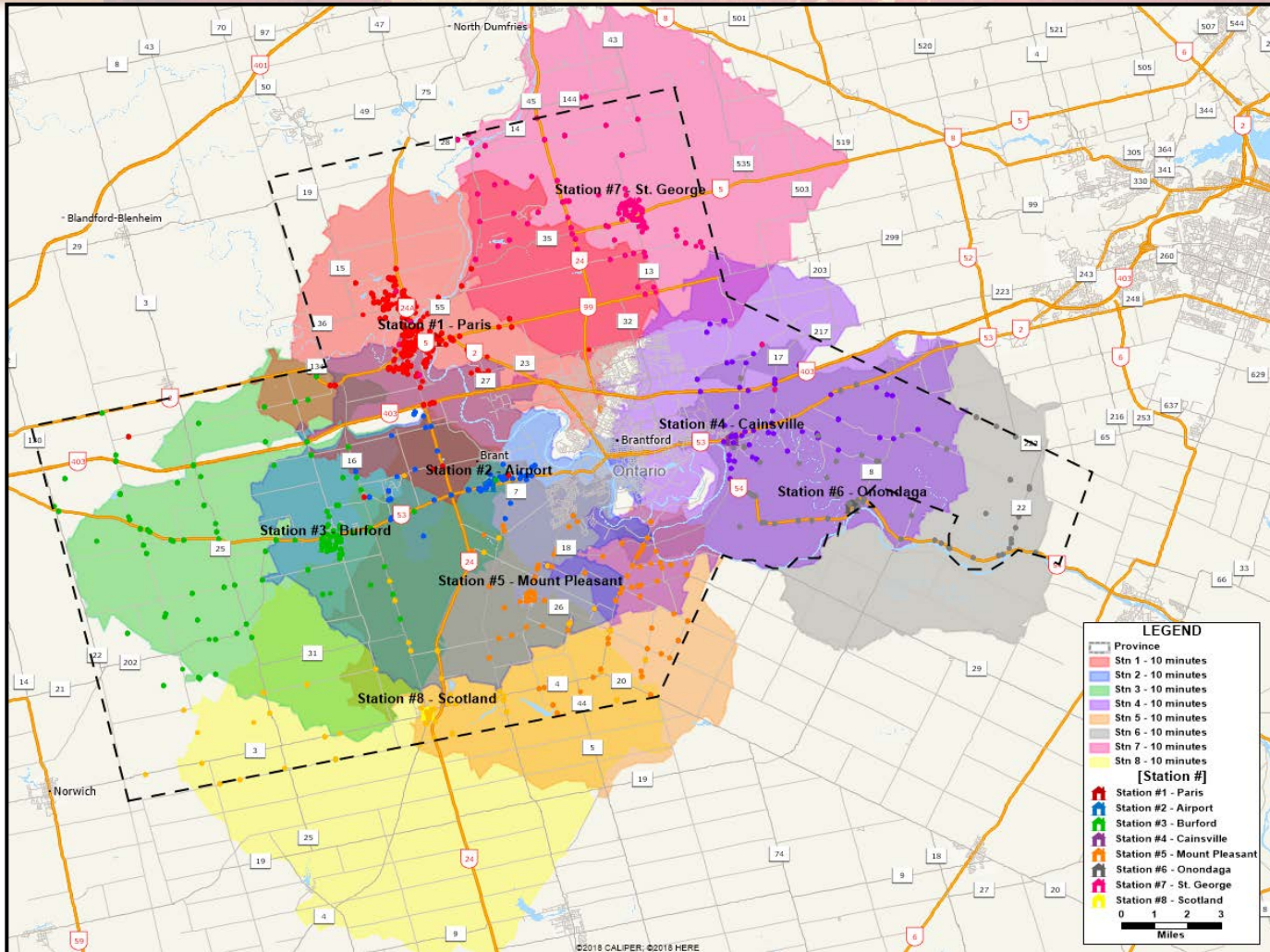




Findings

- Continued community growth
- Large county geographically with wide mix ranging from agriculture to urban mix and industry
- Demographics changing
- Increased legislative requirements / demands





Ten-minute travel time overlay of 2019 call locations – current stations



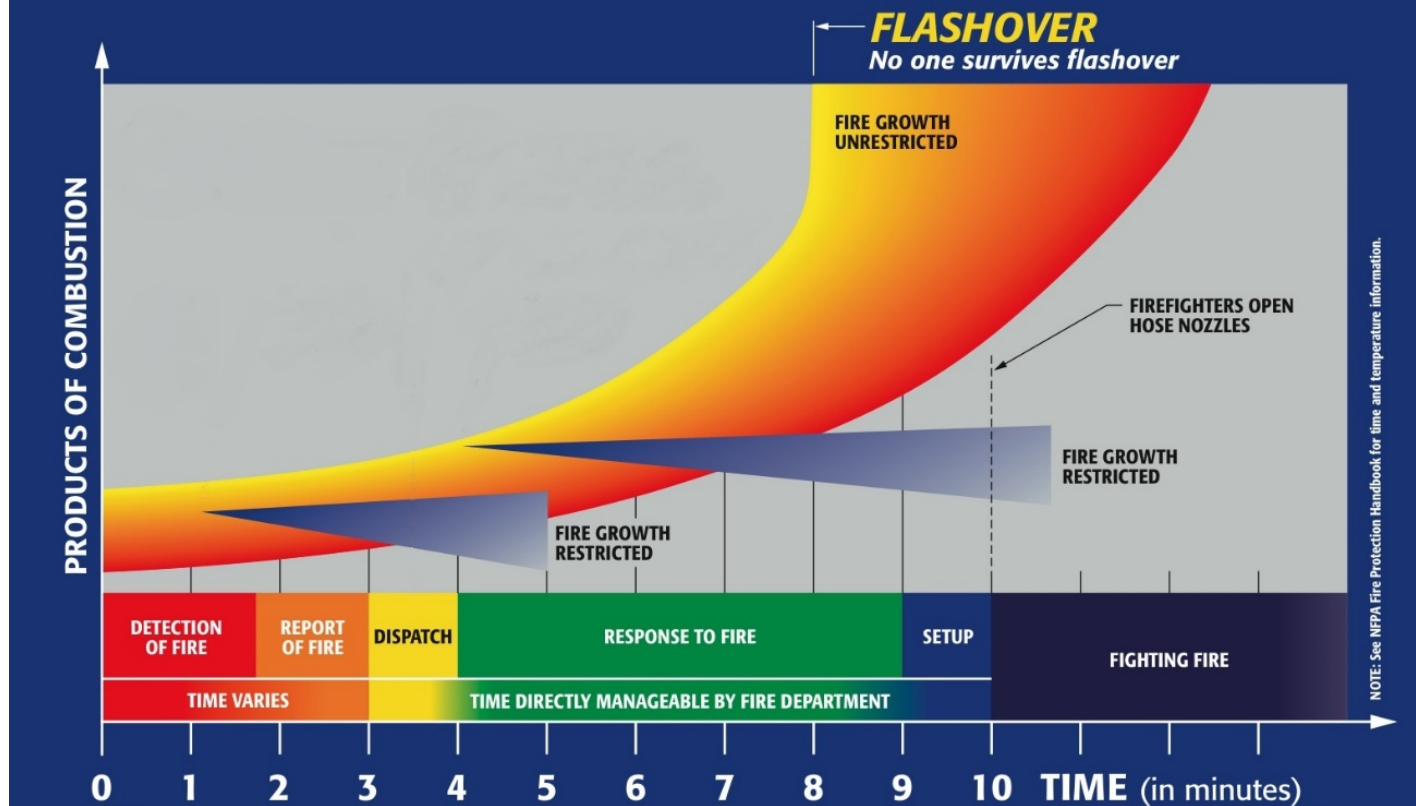


Findings

- County making forward steps replacing aging stations
- Growth focused in proximity of Paris and Hwy 403
- Paris is experiencing increased traffic congestion



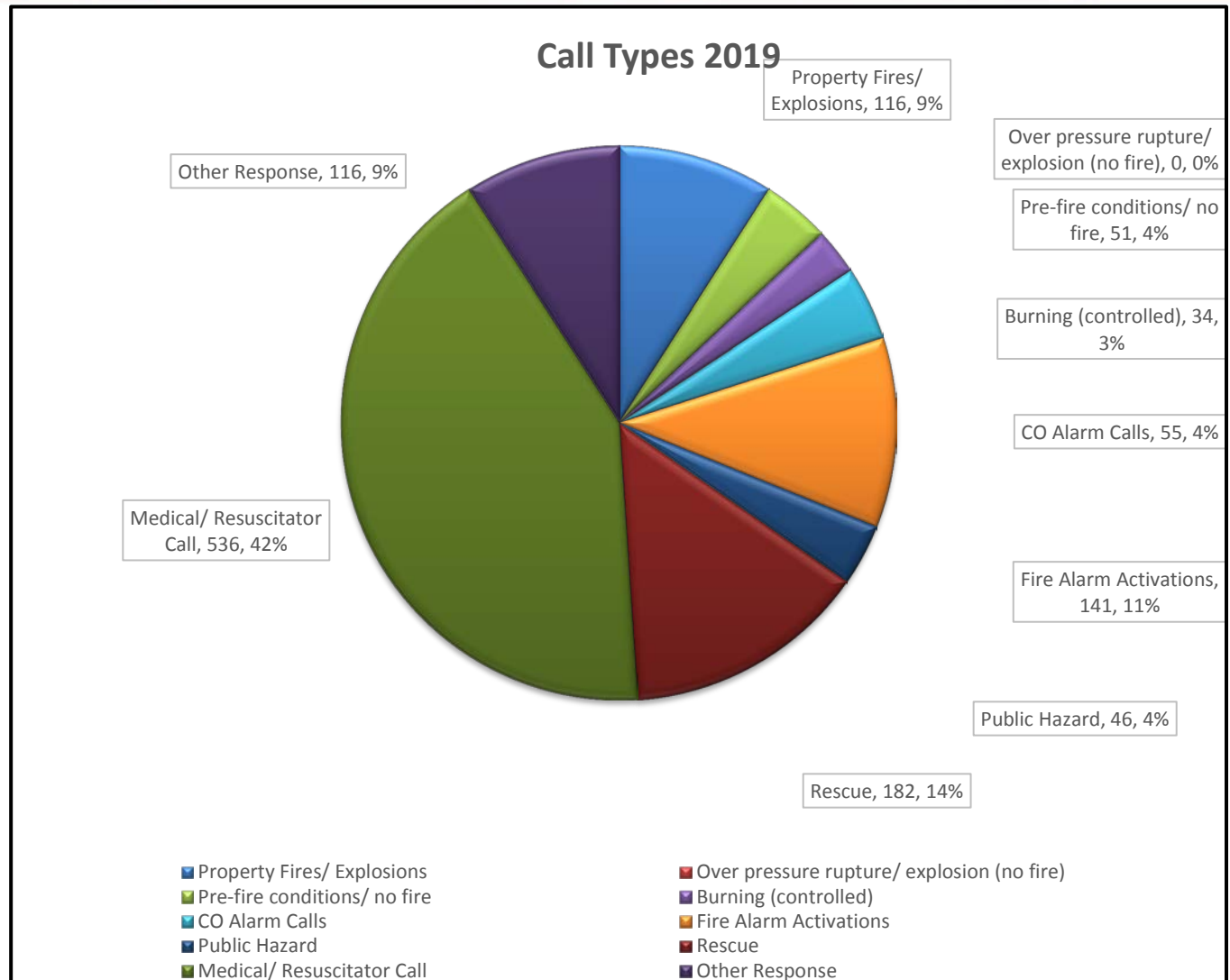
TIME vs. PRODUCTS of COMBUSTION



Time is of the essence in all areas – detection, reporting, dispatch, fire department response.



Not just fires!
Medical calls,
motor vehicle
collisions,
rescues,
carbon
monoxide calls,
etc.





Moving forward

- Two types of recommendations – Strategic and Operational
- Strategic require Council involvement
- Operational can be responded to internally
- Moving forward slides are the strategic recommendations





Moving forward - Strategic

- Hire 3 career firefighters to provide day shift staffing Monday to Friday (0700-1700 hrs) at Paris - Station 1. Minimum staffing of 2 firefighters – **short-term (1-3 years)**
- Assign the position of Duty Officer to rotate on-call coverage along with the Fire Chief and Deputy Chief.– **short-term (1-3 years)**





Moving forward - Strategic

- Hire an additional Fire Prevention Officer /Public Fire Life Safety Educator dedicated to conducting public education. May also conduct inspections as required. - **short-term (1-3 years)**
- Promote a current Fire Prevention Officer to the position of Chief Fire Prevention Officer. - **short-term (1-3 years)**
- Consider the purchase and appropriate placement of a mobile training unit to effectively accommodate live fire training needs. - **mid-term (4-6 years)**





Moving forward - Strategic

- Hire a full-time Training Officer in the short-term. - **short-term (1-3 years)**
- Hire a second part-time Training Officer position to assist with the implementation and delivery of training programs. – **mid-long-term (4-10 years)**
- Issue a “Request For Information” to fire dispatch centres to look at capabilities, pricing, and options to meet future requirements of fire communications. - **short-term (1-3 years)**





Moving forward - Strategic

- Design and construct/lease a north Paris station to be located in the area of Grand River St. N and County Road 52.
 - Purchase a pumper/tanker for this station
 - Will require training and gear for additional firefighters.
 - mid-term (4-6 years)
- Design and construct a new Station 1 HQ and Training Centre in the vicinity of Rest Acres Rd and Hwy 403 – dispose of the current Station 1 and 2. - long-term (7-10 years)





Moving forward - Strategic

- The installation of direct capture exhaust system extractors is recommended in all stations. Stations 4, 6 & 8 will be outfitted in the new fire stations. - **short-term (1-3 years)**
- Driveway replacement should be considered for Burford - Station 3. - **short-term (1-3 years)**
- Back-up power generators should be installed for stations 2, 3 & 7. - **short-term (1-3 years)**






Moving forward - Strategic

- Bunker gear storage rooms should be provided for stations 1, 3, 5 & 7. - **short-term (1-3 years)**
- Fire Chief review potential options of an in-house service/share with County Operations for mechanical services, maintenance of generators, gas powered equipment, apparatus and service vehicle maintenance. - **short-term (1-3 years)**
- County of Brant and the Six Nations of the Grand River develop a fire services agreement including cost recovery mechanisms for assistance provided. - **short-term (1-3 years)**





Moving forward – Operational examples

- Update the Establishing & Regulating by-law
- Continue to monitor and evaluate call statistics
- Update the Tanker Shuttle accreditation
- Begin succession planning in Fire Prevention and senior officer positions prior to any retirement announcements





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