

# FIRE DEPARTMENT



## 2021 BUSINESS PLAN

### Vision Statement:

Provide the citizens of Halton Hills with exemplary service in a cost-effective manner.

### Mission Statement:

Provide fire protection and prevention services to protect our community and enhance life safety.

### Our Motto:

Our Family Protecting Your Family.



# FIRE DEPARTMENT

Town of Halton Hills By-law 2013-0051 is the establishing by-law for the Halton Hills Fire Department.

It provides clear and accurate policy direction reflecting how Council expects the Department to deliver on their core activities to meet the specific needs and circumstances of the Town of Halton Hills.

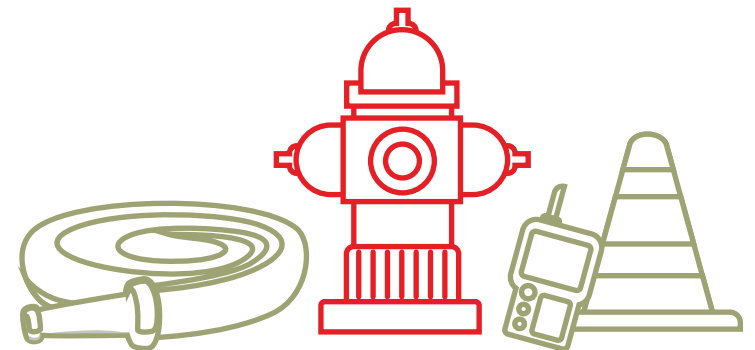
## DEPARTMENT OVERVIEW:

The Fire Protection & Prevention Act, 1997 is the governing legislation for Ontario municipalities. At its core, every municipality shall:

- Establish a program in the municipality which must include public education with respect to fire safety and certain components of fire prevention; and,
- Provide such other fire protection services as it determines may be necessary in accordance with its needs and circumstances.

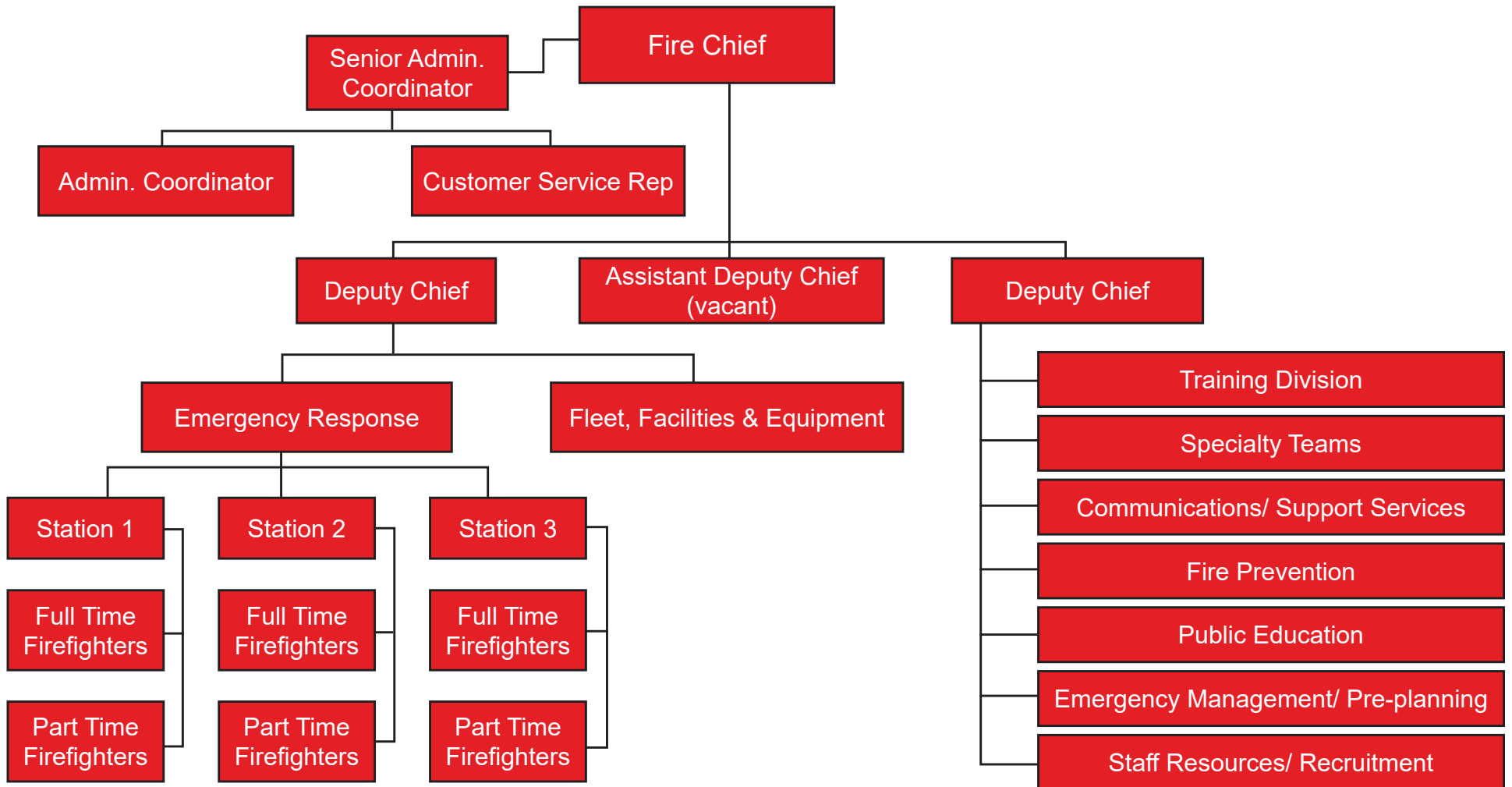
The Halton Hills Fire Department is a Composite Fire Service providing an all-hazards response capability to natural and human caused events from three strategically located stations. Based on the Ontario Fire Marshal's three lines of defence, our Divisions provide:

- Public Fire Safety Education and Prevention;
- Fire Safety Standards and Enforcement; and,
- Emergency Response.



# FIRE DEPARTMENT

▶ CURRENT ORG CHART:



# FIRE DEPARTMENT

## ► CORE ACTIVITIES:

### Core Services:

- **Public Education** activities that promote public fire safety in the community.
- **Inspection & Enforcement** activities add value to our services and ensure compliance with the provision of the Ontario Fire Code.
- **Emergency Management** activities related to preparedness, response, mitigation and recovery such as public education, staff training and scenario based exercises.
- **Emergency Response** to all natural and human-caused emergencies.

### Public Education:

- Programs and community special events such as hall tours, school and vulnerable occupancy visits to promote fire safety to students, families and seniors.
- Child car seat education and inspection.
- Fire extinguisher training.

### Inspection and Enforcement:

- Commercial and residential inspections that assist owners in maintaining fire safe facilities.
- The Home Safe Home voluntary inspection program that specifically targets residential homes to ensure working smoke and CO alarms are in place (and if necessary, the HHFD supplies them at no charge to the resident).
- Plans review.

### Emergency Management:

- Other such services as directed and approved by Council.
- Maintenance of the Town's Emergency Response Plan
- Compliance with Emergency Management & Civil Protection Act.

### Emergency Response:

- Fire suppression.
- Emergency patient care in support of Halton Region Paramedic Services.
- Technical rescue including but not limited to auto extrication, ice/water, high angle, confined space and large animal rescues.
- Hazardous materials response.
- Training including but not limited to operational, technical, behavioural and leadership training.
- Superior Tanker Shuttle Accreditation – a recognized ability to supply water for fire suppression to rural residents.



# FIRE DEPARTMENT



## ▶ 2020 ACCOMPLISHMENTS/SUCCESSIONS:

- Recruitment of part-time firefighter.
- Developed enhanced emergency driver training program.
- Developed enhanced training and prevention programs with new staff.
- Implemented 24-hour shift rotation.
- Ongoing training centre enhancements.
- Implemented second 24-hour truck in Acton.
- Continue to update the Regional Fire Mutual Aid Agreement with four fire departments and the Town of Halton Hills Emergency Response Plan.
- Acquisition of tanker/pumper.
- Updated Pandemic Plans as part of the Emergency Response Plan.
- Developed COVID-19 Recovery Plan.
- Developed enhanced part time training program.
- Support of the Emergency Control Group and Emergency Support Group during the COVID-19 declared emergency.
- Received donation from Enbridge gas of smoke and CO detectors (retail value of \$18,000).

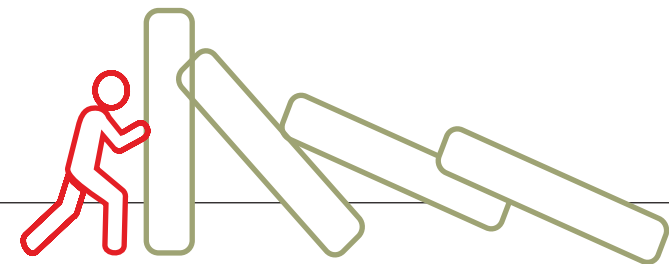


# FIRE DEPARTMENT

## ▶ ENVIRONMENTAL SCAN:



<p><b>Challenges:</b></p>	<ul style="list-style-type: none"> <li>- Maintain focus on mental health and post-traumatic stress programs for our fire service family that are structured to support the emotional/mental wellness of our firefighters and staff, build resilience and encourage a healthy workplace.</li> <li>- Implement proposed Ontario Fire Marshal and Emergency Management (OFMEM) Regulations.</li> <li>- Implement new technologies and monitor best practices to enhance emergency response effectiveness and safety.</li> <li>- Provide emergency services and maintain staff safety during COVID-19.</li> <li>- Source and maintain adequate levels of PPE.</li> <li>- Maintain service levels to the community while fire stations closed during COVID-19.</li> <li>- Maintain services and programs through financial impacts due to COVID-19.</li> <li>- Provide training for full and part-time staff.</li> </ul>
<p><b>Opportunities:</b></p>	<ul style="list-style-type: none"> <li>- Use of technology to improve record keeping to support presumptive legislation.</li> <li>- Use of new technology to enhance operations.</li> <li>- In-house testing to meet OFMEM firefighter certifications.</li> <li>- Improve part-time firefighters' attendance.</li> <li>- Develop enhanced training and prevention programs.</li> <li>- Analyze the efficiency of the 24-hour shifts through KPIs.</li> </ul>



# FIRE DEPARTMENT

## ▶ WORKPLAN:



Project/Initiative	Description	Division Lead	Key Outcomes	Strategic Alignment
<b>1. Develop the implementation plan for the changes to the Fire Prevention and Protection Act</b>	Enhanced regulations regarding: <ul style="list-style-type: none"> <li>- certification of firefighters;</li> <li>- implementation of community risk assessment; and,</li> <li>- public reporting on response details.</li> </ul>	<ul style="list-style-type: none"> <li>- Training</li> <li>- Prevention &amp; Public Education</li> <li>- Fire Administration</li> </ul>	<p>Certified firefighters trained to a nationally recognized standard.</p> <p>Prioritized risks regarding public safety, giving the ability to make informed decisions on the provision of fire prevention services.</p> <p>Ability to analyze performance and set benchmarks.</p>	<ul style="list-style-type: none"> <li>- Fiscal &amp; Corporate Management</li> </ul>
<b>2. Succession planning</b>	<p>Continue to implement the Officer Development Curriculum for part-time and full-time staff, to support the Department’s succession planning efforts.</p> <p>Enhance and maintain the training structure (modular units) at Public Works. The structure replicates response conditions in a training environment and ensures that firefighters are safer and better trained to respond to real emergencies including exposure to live fires.</p>	<ul style="list-style-type: none"> <li>- Training</li> </ul>	<p>More capable/competent officers both at emergency responses and day-to-day personnel management.</p> <p>Improved resources for continued training of staff and better emergency response services provided to the community.</p>	<ul style="list-style-type: none"> <li>- Fiscal &amp; Corporate Management</li> </ul>

# FIRE DEPARTMENT

## ▶ WORKPLAN (continued):

Project/Initiative	Description	Division Lead	Key Outcomes	Strategic Alignment
<b>3. Recruitment &amp; retention strategies</b>	Hire part-time firefighters to achieve the approved staffing complement.  Ensure that information sessions facilitate recruitment and retention of the best candidates.	- Training - Fire Administration	Improved ability to respond to emergency incidents.	- Fiscal & Corporate Management
<b>4. Emergency Apparatus</b>	Replace pumper truck at the end of its life cycle.	- Fire Administration	Reduce cost of maintenance and increased reliability in response to emergency incidents. New technology will contribute to the Corporate goal of a Net Zero Carbon community.	- Climate Change & Environment - Fiscal & Corporate Management
<b>5. Peer Support Team</b>	Continue to train the Department's Mental Health Peer Support Team.	- Fire Administration - Peer Support Team Leads	Ability to recognize signs of distress in first responders, allowing for early intervention and reduction of long-term impact to fire service operations.	- Fiscal & Corporate Management
<b>6. Fire education programs for vulnerable occupancies</b>	Build on the vulnerable occupancy program to include fire safety awareness.	- Prevention - Public Education	Improved communication to the vulnerable community on fire safety messages which in turn will see a reduction of injuries to this sector of the population.	- Shaping Growth - Fiscal & Corporate Management - Youth & Senior Initiatives



# FIRE DEPARTMENT

## ▶ WORKPLAN (continued):

Project/Initiative	Description	Division Lead	Key Outcomes	Strategic Alignment
<b>7. Social Media</b>	Capitalize on social media to ensure the public is better informed/prepared in the event of an emergency.	<ul style="list-style-type: none"> <li>- Fire Administration</li> <li>- Prevention</li> <li>- Public Education</li> </ul>	Enhanced use of social media will allow citizens to be better informed on emergency issues and to react appropriately to any impacts.	<ul style="list-style-type: none"> <li>- Shaping Growth</li> <li>- Fiscal &amp; Corporate Management</li> </ul>
<b>8. Public Education regarding CO &amp; smoke alarms</b>	Improve the effectiveness of the voluntary home inspection program to ensure fire safe homes (e.g., working smoke and CO alarms).	<ul style="list-style-type: none"> <li>- Prevention</li> <li>- Public Education</li> </ul>	Inspection of homes will make homes safer to their occupants thus reducing injury and death.	<ul style="list-style-type: none"> <li>- Shaping Growth</li> <li>- Fiscal &amp; Corporate Management</li> </ul>
<b>9. Expansion of drone program</b>	Enhancement and maintenance of drone program.	<ul style="list-style-type: none"> <li>- Fire Administration</li> <li>- Specialty Teams</li> </ul>	<p>Enhance situational awareness at emergency incidents.</p> <p>Improve suppression techniques.</p>	<ul style="list-style-type: none"> <li>- Fiscal &amp; Corporate Management</li> </ul>
<b>10. Emergency Management</b>	Continued review and updating of emergency management program to meet Provincial requirements.	<ul style="list-style-type: none"> <li>- Fire Administration</li> </ul>	<p>Staff are able to perform their roles in the Emergency Control and Support Groups and liaise with other government agencies.</p> <p>An emergency plan that assists in minimizing the effects of an emergency on the Town.</p>	<ul style="list-style-type: none"> <li>- Climate Change &amp; Environment</li> <li>- Fiscal &amp; Corporate Management</li> </ul>

# FIRE DEPARTMENT

## ▶ WORKPLAN (continued):

Project/Initiative	Description	Division Lead	Key Outcomes	Strategic Alignment
<b>11. Fire Master Plan</b>	Review and create an updated Fire Master Plan including the completion of a Community Residential Risk assessment.	- Fire Administration	Identification of service needs in alignment with community growth.  Creates a roadmap to provide efficient, effective and fiscally responsive emergency services to the community.	- Shaping Growth - Climate Change & Environment - Fiscal & Corporate Management - Youth & Senior Initiatives
<b>12. Fire Service Agreements</b>	Renew Fire Service Agreement contracts with neighbouring municipalities.	- Fire Administration	Establish appropriate contracted emergency first response coverage and associated cost recovery for the provision and receipt of services.	- Shaping Growth - Fiscal & Corporate Management
<b>13. Trial 24-Hour Shift</b>	Development and review of Key Performance Indicators.	- Fire Administration	The impact of 24 hour shift trial and its effect on service to the community, operating budget and staffing.	- Shaping Growth - Fiscal & Corporate Management

# FIRE DEPARTMENT

▶ STAFFING IMPACT:



	+/- FTE Estimates	Service Delivery Area
<b>Full Time</b>	0	
<b>Part Time</b>	0	
<b>Contract</b>	0	

# FIRE DEPARTMENT

## ▶ PERFORMANCE INDICATORS:

Operational	Target
Effective personnel management (minimum lost time and overtime).	- Review 24 hour shift metrics.
Accurate performance data reflecting international standards and industry best practices: <ul style="list-style-type: none"> <li>- Total number of calls for service</li> <li>- Track turnout time</li> <li>- Track travel time</li> </ul>	- Improvement on 2020 baseline.
Safe and highly trained first responders: <ul style="list-style-type: none"> <li>- Total training hours</li> </ul>	- Establish a baseline for 2021.
Quality of Life	Target
Better educated public regarding fire safety: <ul style="list-style-type: none"> <li>- Number of messages delivered digitally</li> <li>- Number of visits or hits on these platforms</li> </ul>	- 5% increase.

## 2021 Operating Budget Overview

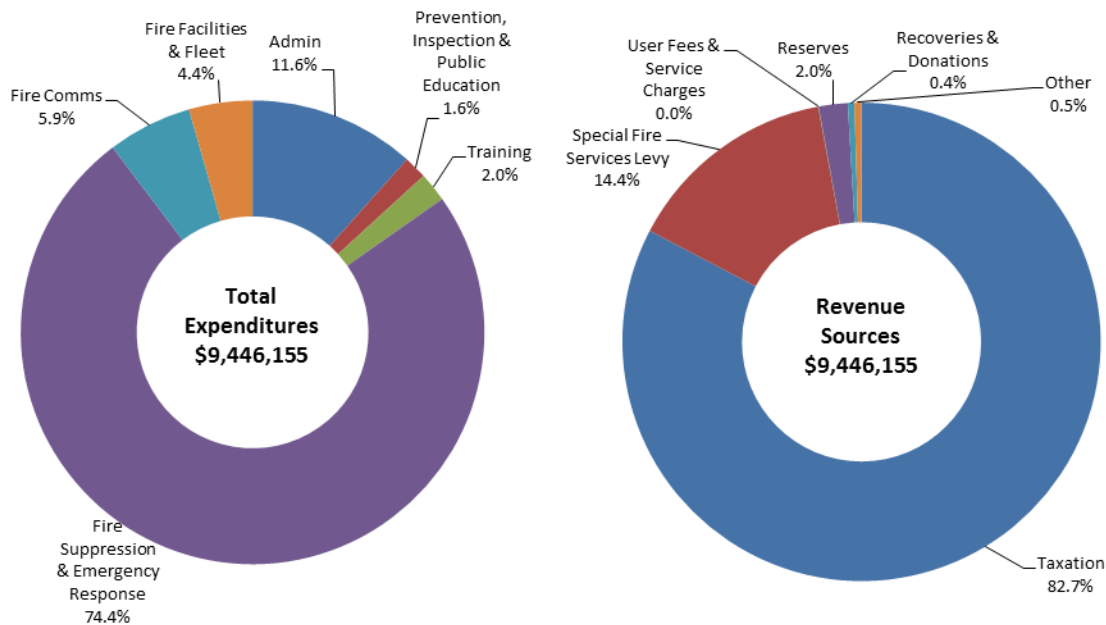
The Halton Hills Fire Department is a composite fire service providing an all-hazards response capability to natural and human-caused events from three strategically located stations. Based on the Ontario Fire Marshal’s three lines of defence, the divisions provide:

1. Public Fire Safety Education and Prevention;
2. Fire Safety Standards and Enforcement; and,
3. Emergency Response.

## 2021 Operating Budget Highlights

The Fire Services Operating Budget for 2021 is proposed at \$9,446,155 in gross expenditures with \$1,360,955 being supported from the Special Fire Services Levy and \$7,811,100 from the general tax levy.

	2020		2021					2021 vs. 2020	
	Budget (\$)	Forecast (\$)	Base Budget (\$)	Pre-Approved Capital Impacts (\$)	Inclusions (\$)	One-Time (\$)	Total Budget (\$)	Budget Change	
Expense	8,933,555	8,628,493	9,446,155	-	-	-	9,446,155	512,600	5.7%
Revenue	(265,600)	(267,351)	(274,100)	-	-	-	(274,100)	(8,500)	3.2%
Special Levy - Fire Services	(1,360,955)	(1,360,955)	(1,360,955)	-	-	-	(1,360,955)	-	0.0%
<b>Total Net Expenditures</b>	<b>7,307,000</b>	<b>7,000,187</b>	<b>7,811,100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,811,100</b>	<b>504,100</b>	<b>6.9%</b>



	2020		2021					2021 vs. 2020	
	Budget (\$)	Forecast (\$)	Base Budget (\$)	Pre-Approved Capital Impacts (\$)	Inclusions (\$)	One-Time (\$)	Total Budget (\$)	Budget Change	
<b>Division</b>									
<b>Administration</b>									
Expense	1,065,100	832,089	1,095,700	-	-	-	1,095,700	30,600	2.9%
Revenue	(500)	-	(500)	-	-	-	(500)	-	0.0%
Special Levy - Fire Services	(290,900)	(290,900)	(290,900)	-	-	-	(290,900)	-	0.0%
<b>Net Expenditures</b>	<b>773,700</b>	<b>541,189</b>	<b>804,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>804,300</b>	<b>30,600</b>	<b>4.0%</b>
<b>Prevention, Inspection &amp; Public Education</b>									
Expense	601,555	647,528	152,355	-	-	-	152,355	(449,200)	(74.7%)
Revenue	(46,500)	(46,751)	(46,500)	-	-	-	(46,500)	-	0.0%
Special Levy - Fire Services	(74,855)	(74,855)	(74,855)	-	-	-	(74,855)	-	0.0%
<b>Net Expenditures</b>	<b>480,200</b>	<b>525,922</b>	<b>31,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31,000</b>	<b>(449,200)</b>	<b>(93.5%)</b>
<b>Training</b>									
Expense	490,900	448,916	192,500	-	-	-	192,500	(298,400)	(60.8%)
Revenue	-	-	-	-	-	-	-	-	0.0%
Special Levy - Fire Services	-	-	-	-	-	-	-	-	0.0%
<b>Net Expenditures</b>	<b>490,900</b>	<b>448,916</b>	<b>192,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>192,500</b>	<b>(298,400)</b>	<b>(60.8%)</b>
<b>Fire Suppression &amp; Emergency Response</b>									
Expense	5,905,100	5,801,638	7,031,000	-	-	-	7,031,000	1,125,900	19.1%
Revenue	(203,100)	(205,100)	(212,100)	-	-	-	(212,100)	(9,000)	4.4%
Special Levy - Fire Services	(995,200)	(995,200)	(995,200)	-	-	-	(995,200)	-	0.0%
<b>Net Expenditures</b>	<b>4,706,800</b>	<b>4,601,338</b>	<b>5,823,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,823,700</b>	<b>1,116,900</b>	<b>23.7%</b>
<b>Fire Communications</b>									
Expense	468,900	549,778	556,200	-	-	-	556,200	87,300	18.6%
Revenue	-	-	-	-	-	-	-	-	0.0%
Special Levy - Fire Services	-	-	-	-	-	-	-	-	0.0%
<b>Net Expenditures</b>	<b>468,900</b>	<b>549,778</b>	<b>556,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>556,200</b>	<b>87,300</b>	<b>18.6%</b>
<b>Fire Facilities &amp; Fleet</b>									
Expense	402,000	348,544	418,400	-	-	-	418,400	16,400	4.1%
Revenue	(15,500)	(15,500)	(15,000)	-	-	-	(15,000)	500	(3.2%)
Special Levy - Fire Services	-	-	-	-	-	-	-	-	0.0%
<b>Net Expenditures</b>	<b>386,500</b>	<b>333,044</b>	<b>403,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>403,400</b>	<b>16,900</b>	<b>4.4%</b>
<b>Total</b>									
Expense	8,933,555	8,628,493	9,446,155	-	-	-	9,446,155	512,600	5.7%
Revenue	(265,600)	(267,351)	(274,100)	-	-	-	(274,100)	(8,500)	3.2%
Special Levy - Fire Services	(1,360,955)	(1,360,955)	(1,360,955)	-	-	-	(1,360,955)	-	0.0%
<b>Total Net Expenditures</b>	<b>7,307,000</b>	<b>7,000,187</b>	<b>7,811,100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,811,100</b>	<b>504,100</b>	<b>6.9%</b>

The 2021 Operating Budget proposes a net expenditure increase of \$504,100, or 6.9%. The breakdown of major budget changes are as follows:

- \$376,800, or 5.2%, represents the base change in compensation and benefits for the current staff complement. This includes previously approved contract adjustments, performance increments, job evaluation changes, economic adjustments and expected inflationary adjustments associated with the Town's benefit provider. Also included is the two year cumulative adjustment of prior year compensation estimates based on the new Collective Bargaining Agreement.
- An increase to fire dispatch services through the City of Burlington at a cost of \$100,000, or 1.4%. In late 2018, the Town amalgamated dispatch services in a tripartite contractual agreement managed by the City of Burlington. Budgeted costs were originally estimated based on 2016 emergency call values and the 2021 increase reflects the estimated 2021 contracted price based on current values.

## Fire Services Capital Forecast 2021 - 2030

Project No.	Project Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
<b>EQUIPMENT</b>												
5200-06-0101	Small Equipment Replacement	33,000	33,000	33,000	33,000	33,000	33,000	33,000	33,000	33,000	33,000	330,000
5200-07-0102	FF Protective Clothing Repl	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
5200-07-0104	Breathing Apparatus Replacement		20,000	20,000	20,000	20,000	20,000	20,000	450,000	20,000	20,000	610,000
5200-07-0107	Heavy Extraction Equip Repl		150,000									150,000
5400-06-2501	Radio Replacement					-	1,500,000					1,500,000
<b>Subtotal</b>		<b>108,000</b>	<b>278,000</b>	<b>128,000</b>	<b>128,000</b>	<b>128,000</b>	<b>1,628,000</b>	<b>128,000</b>	<b>558,000</b>	<b>128,000</b>	<b>128,000</b>	<b>3,340,000</b>
<b>FLEET</b>												
5900-25-2101	Replace Acton Station Heavy Rescue 733 (R1)						400,000					400,000
5900-25-2102	Replace Acton Station Pump 722 (P11)	850,000										850,000
5900-25-2103	Replace Deputy Fire Chief's Car 2 Unit 712								60,000			60,000
5900-25-2104	Replace Fire Chief's Car 1 Unit 711								60,000			60,000
5900-25-2201	Replace Deputy Fire Chief's Car 3 Unit 713		60,000							60,000		120,000
5900-25-2202	Replace Rehab Trailer/Truck Unit 731						400,000					400,000
5900-25-2203	Replace Tanker 742 (T3)		600,000									600,000
5900-25-2303	Replace Aerial 750 (A3)			1,500,000								1,500,000
5900-25-2401	Replace Tanker 743 (T1)				600,000							600,000
5900-25-2403	Replace Pump 721 (P2)				850,000							850,000
5900-25-2501	Replace Pump 724 (P1)					850,000						850,000
5900-25-2801	ATV and Utility Trailer								21,000			21,000
5900-25-2802	Mobile Light Tower & Generator								13,700			13,700
<b>Subtotal</b>		<b>850,000</b>	<b>660,000</b>	<b>1,500,000</b>	<b>1,450,000</b>	<b>850,000</b>	<b>800,000</b>	<b>-</b>	<b>154,700</b>	<b>60,000</b>	<b>-</b>	<b>6,324,700</b>
<b>FACILITIES</b>												
5500-02-1601	Training Centre Enhancements	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
5500-02-2201	Heat Pump Replacement - Maple Ave. Station		50,000									50,000
5500-02-2801	Rooftop HVAC - Acton Station								30,000			30,000
5500-06-2501	Marquee - Acton Station					80,000						80,000
5501-02-2001	Acton Fire Hall Parking Lot Repaving			45,000								45,000
<b>Subtotal</b>		<b>10,000</b>	<b>60,000</b>	<b>55,000</b>	<b>10,000</b>	<b>90,000</b>	<b>10,000</b>	<b>10,000</b>	<b>40,000</b>	<b>10,000</b>	<b>10,000</b>	<b>305,000</b>
<b>GROWTH</b>												
5200-07-2601	4th Station - Extrication Equipment (New)							50,000				50,000
5500-03-2301	4th Station & Training Centre - 401 Corridor							5,200,000				5,200,000
5900-25-2301	Aerial 752 (A4)							1,500,000				1,500,000
5900-25-2302	Support Unit 715 (414)							60,000				60,000
5900-25-2601	Tanker - 4th Station (New)							600,000				600,000
<b>Subtotal</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,410,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,410,000</b>
<b>TOTAL FIRE SERVICES</b>		<b>968,000</b>	<b>998,000</b>	<b>1,683,000</b>	<b>1,588,000</b>	<b>1,068,000</b>	<b>2,438,000</b>	<b>7,548,000</b>	<b>752,700</b>	<b>198,000</b>	<b>138,000</b>	<b>17,379,700</b>

## 2021 Capital Budget and 2022 – 2030 Forecast Highlights

The Fire Services capital program ensures sustained service delivery through the efficient lifecycle management of equipment, fleet and facilities. Funding for the projects identified in the 10-year capital forecast are critical to reducing risk in both property damage and loss of life for the residents of Halton Hills, while ensuring the effectiveness, responsiveness and safety of firefighters. The Fire Services 10-year capital plan is \$17,379,700 with \$968,000 proposed for 2021. The following summarizes key components of the Capital Forecast:

- \$3,340,000 for the lifecycle replacement of firefighter gear and protective equipment, as well as training equipment and vehicle outfitting.
- \$6,324,700 for the lifecycle replacement of Fire fleet.
- \$305,000 for facility repairs and upgrades.
- \$7,410,000 for the construction and outfitting of a fourth fire station to extend protection to growth areas along the 401 corridor. This facility would include an upgraded training centre, as well as new fleet and equipment.
- Staff will explore low-carbon fleet replacement options.

### Fire Services

#### 2021 Capital Budget

Page No.	Project No.	Project Name	2021 Score	Total Amount	Total Funding	Base Capital Budget	Development Charges	Capital Reserves	Grants & Recoveries	Debentures
216	5200-06-0101	Small Equipment Replacement	5	33,000	33,000	33,000	-	-	-	-
217	5200-07-0102	FF Protective Clothing Repl	5	75,000	75,000	75,000	-	-	-	-
218	5900-25-2102	Replace Acton Station Pump 722 (P11)	4.5	850,000	850,000	-	-	850,000	-	-
219	5500-02-1601	Training Centre Enhancements	3.2	10,000	10,000	10,000	-	-	-	-
2021 Total				968,000	968,000	118,000	-	850,000	-	-

Please refer to the preceding Capital Project Information sheets for details on 2021 capital projects.



# 2021 Capital Project Information Sheet

<b>Project No.</b> 5200-06-0101	<b>Project Name</b> Small Equipment Replacement		<b>2021 Budget</b> \$33,000
<b>Department</b> Fire Services		<b>Division</b> Suppression	<b>Project Manager</b> Bruce Morrison
<b>Service Category</b> Fire Services		<b>Funding Sources</b> Base Capital Budget	
<b>Target Start Date</b> January 2021		<b>Amount</b> \$33,000	
<b>Target Completion Date</b> December 2021			
<b>Future Period Capital Requirements</b> Annual		<b>Project Phase</b> Study/Design Phase <input type="checkbox"/>	
<b>Operating Impact</b> \$0		Construction Phase <input type="checkbox"/>	

<b>Description</b>	
<b>Scope:</b>	This project involves the lifecycle replacement of emergency response small equipment essential to fire ground and rescue operations.
<b>Deliverables:</b>	The primary deliverable of this project is to ensure staff safety and operational efficiency and meet any regulated standards applicable to emergency operations.
<b>Benefits:</b>	The quality of small equipment will be improved and provide fire fighters with dependable equipment in a constant state of readiness.
<b>Risks If Not Implemented:</b>	Safety and operational requirements could be compromised as once reliable equipment reaches its life expectancy and fails.
<b>Additional Information:</b>	Occupational Health & Safety Act., Office of the Fire Marshall Public Fire Safety Guideline 04-07-12.

# 2021 Capital Project Information Sheet

<b>Project No.</b> 5200-07-0102	<b>Project Name</b> FF Protective Clothing Repl		<b>2021 Budget</b> \$75,000
<b>Department</b> Fire Services		<b>Division</b> Suppression	<b>Project Manager</b> Bruce Morrison
<b>Service Category</b> Fire Services		<b>Funding Sources</b> Base Capital Budget	
<b>Target Start Date</b> January 2021		<b>Amount</b> \$75,000	
<b>Target Completion Date</b> December 2021			
<b>Future Period Capital Requirements</b> Annual		<b>Project Phase</b> Study/Design Phase <input type="checkbox"/>	
<b>Operating Impact</b> \$0		Construction Phase <input type="checkbox"/>	

<b>Description</b>	
<b>Scope:</b>	This project involves providing new firefighter protective clothing and equipment and the lifecycle replacement of firefighting protective clothing and equipment that is damaged or has met its regulatory end of service lifecycle.
<b>Deliverables:</b>	Primary deliverables of this project is to provide a safe and reliable emergency vehicle to respond to emergencies and support fireground operations.
<b>Benefits:</b>	Providing firefighters with compliant protective clothing that meets current NFPA Standard will ensure firefighters are protected, reduce the possibility of injury and not limited in their ability to respond to emergency incidents.
<b>Risks If Not Implemented:</b>	Firefighter Safety could be compromised and fireground operations limited if equipment reaches its end of life expectancy and is not replaced.
<b>Additional Information:</b>	NFPA 1851 Selection, Care, and Maintenance of Protective Ensembles for Structural Firefighting and Proximity Firefighting NFPA 1971 Standard on Protective Ensembles for Structural Fire Fighting O. Reg. 714/94: FIREFIGHTERS - PROTECTIVE EQUIPMENT

# 2021 Capital Project Information Sheet

<b>Project No.</b> 5900-25-2102	<b>Project Name</b> Replace Acton Station Pump 722 (P11)		<b>2021 Budget</b> \$850,000
<b>Department</b> Fire Services		<b>Division</b> Fleet	<b>Project Manager</b> Bruce Morrison
<b>Service Category</b> Fire Services		<b>Funding Sources</b> Equipment Replacement Reserve	
<b>Target Start Date</b> March 2021		<b>Amount</b> \$850,000	
<b>Target Completion Date</b> March 2022			
<b>Future Period Capital Requirements</b> Operating Impact		<b>Project Phase</b> Study/Design Phase <input type="checkbox"/> Construction Phase <input type="checkbox"/>	
	\$0		
	\$0		

<b>Description</b>	
<b>Scope:</b>	Pumper 722 is a 2001 Freightliner/Dependable that has reached its full service life expectancy. This apparatus is the only apparatus equipped with a manually operated pump unit in our fleet and as such now requires firefighters to have a different skill set to operate compared with other frontline pump/rescue trucks currently in service. The type and configuration of compartments on this truck restricts the type of equipment that can be carried compared to other pump/rescues. This truck utilizes a cab that was not designed for the fire service and does not incorporate current safety features such as airbags, electronic stabilization or occupant crash protection enhancements. The replacement of Pumper 722 is in accordance with the apparatus acquisition and replacement plan endorsed by the Fire Master Plan.
<b>Deliverables:</b>	Reliable apparatus configured similar to other pump/rescue's currently in Fire's fleet. Apparatus is able to carry the required equipment to respond to all calls for service.
<b>Benefits:</b>	Benefits include reduced down time for repairs and reduced maintenance/repair costs due to apparatus being covered by manufacturers warranty. Meets Nation Fire Protection Association (NFPA) 1901 Standard for automobile fire fighting apparatus , Canada/ULC S515 Standard for automobile fire fighting apparatus, Occupational Health & Safety Act and Ontario Regulation 714/94 - Firefighters - Protective Equipment Regulation.
<b>Risks If Not Implemented:</b>	As is the case with any vehicles, breakdowns and maintenance costs escalate as they age. Repairs render the apparatus Out Of Service and parts become harder to source resulting in long periods of down time. We have limited redundancy in our fleet and cannot risk having a vehicle unavailable for fire protection in the Town. This apparatus provides first run response when the primary truck is engaged at other calls for service. Not having reliable apparatus can result in added response times or the need to rely on neighboring municipalities to respond to Halton Hills. In addition, the Fire Underwriters Insurance Grading for the town can be impacted by the use of older apparatus and result in a downgrade of the Public Fire Protection Classification (PFPC).
<b>Additional Information:</b>	

# 2021 Capital Project Information Sheet

<b>Project No.</b> 5500-02-1601	<b>Project Name</b> Training Centre Enhancements		<b>2021 Budget</b> \$10,000
<b>Department</b> Fire Services		<b>Division</b> Facilities	<b>Project Manager</b> Bruce Morrison
<b>Service Category</b> Fire Services		<b>Funding Sources</b> Base Capital Budget	
<b>Target Start Date</b> January 2021		<b>Amount</b> \$10,000	
<b>Target Completion Date</b> December 2021			
<b>Future Period Capital Requirements</b> Annual		<b>Project Phase</b> Study/Design Phase <input type="checkbox"/>	
<b>Operating Impact</b> \$0		Construction Phase <input type="checkbox"/>	
<b>Description</b>			
<b>Scope:</b>	The scope of this project is to expand on the current fire department training centre offerings by obtaining additional equipment. This will simulate and enhance all hazard(s) training for any situation that a firefighter may be expected to encounter. Recent amendments to the Fire Protection and Prevention Act (FPPA) require firefighters in the province to be certified. Training enhancements will support the changes to the FPPA.		
<b>Deliverables:</b>	The primary deliverable is to provide an enhanced training centre facility, properly equipped and adaptable to simulate various situations that firefighters may encounter. Staff and equipment will not be required to travel out of town to receive training that would now be delivered by our own training division staff.		
<b>Benefits:</b>	By enhancing the facility with additional training props and equipment, we can better simulate situations firefighters may face when responding to emergency situations. Training can be provided by staff within the training division with a well equipped training facility. The greatest benefit will be having well trained firefighters, skilled, knowledgeable, and able to perform tasks safely and efficiently.		
<b>Risks If Not Implemented:</b>	The current training facility provides limited search and rescue training possibilities. Staff will have to engage outside contractors to provide required training or schedule training outside the community. This can result in additional expenses for training, transportation and scheduling that may make firefighters unable to respond to emergency incidents within the Town.		
<b>Additional Information:</b>	FPPA -Firefighter Certification NFPA 1001 - Firefighter Certifications, NFPA 1006 - Technical Rescue Personnel Qualifications, NFPA 1402 - Guide to Building Fire Training Centers, NFPA 1410 - Standard for Emergency Scene Operations		