LASALLE FIRE SUBSTATION RECOMMENDATIONS TO IMPROVE EMERGENCY RESPONSE

• A new western substation as recommended in the Fire Master Plan, is needed to maintain and improve emergency response standards at acceptable levels

• The effectiveness of the current composite emergency response model (blend of Full-time & Paid-on-Call), is impacted by steady urbanization throughout the Town

• Intended as a “single engine station” (+1 support vehicle) to provide for quicker, safer, and more efficient response, for paid-on-call responders

• Responders from this station are your neighbors, committed to help out in an emergency, who share concerns for safety and quality of life
**BASED ON RESPONSE TO A FIRE IN A 2,000 sq. ft. HOME WITH NO BASEMENT AND NO NEARBY EXPOSED STRUCTURES**

<table>
<thead>
<tr>
<th><strong>URBAN FIRE PROTECTION</strong> (1000+ persons/sq mi.)</th>
<th><strong>SUBURBAN FIRE PROTECTION</strong> (500 – 1000 persons/sq mi.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application of NFPA 1710 STANDARD</td>
<td>Application of NFPA 1720 &amp; OFM 10 in 10 STANDARDS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>FIRST RESPONSE</strong></th>
<th><strong>DEPTH OF RESPONSE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>First arriving vehicle(s) with a minimum crew or 4, within 4 minutes of notification, 90% of the time.</td>
<td>Arrival of subsequent vehicles, and a minimum of 15 responders within 9 minutes of notification, 90% of the time.</td>
</tr>
</tbody>
</table>

**INDUSTRY STANDARD FOR BEST PRACTICES FOR FIRE DEPARTMENT RESPONSE**

*Note: The table above outlines the response times and crew sizes for urban and suburban fire protection based on the NFPA standards.*
## STRATEGIC SUBSTATION LOCATION CRITICAL ANALYSIS

<table>
<thead>
<tr>
<th>CRITERIA</th>
<th>Hazel St. Site</th>
<th>Centennial Arena</th>
<th>Lafferty Park</th>
<th>Laurier/ Front Rd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optimal urban coverage within 4 km response area (NFPA standards for response times)</td>
<td>Yellow</td>
<td>Yellow</td>
<td>Green</td>
<td>Red</td>
</tr>
<tr>
<td>Proximity to critical mass of paid-on-call responders</td>
<td>Green</td>
<td>Yellow</td>
<td>Yellow</td>
<td>Yellow</td>
</tr>
<tr>
<td>Access to efficient response routes</td>
<td>Green</td>
<td>Red</td>
<td>Green</td>
<td>Green</td>
</tr>
<tr>
<td>Ease of access for responders in personal vehicles</td>
<td>Yellow</td>
<td>Yellow</td>
<td>Yellow</td>
<td>Yellow</td>
</tr>
<tr>
<td>Strategic positioning for response based on growth patterns, call volumes, areas of greater risk</td>
<td>Green</td>
<td>Red</td>
<td>Green</td>
<td>Green</td>
</tr>
<tr>
<td>Neighborhood Impact &amp; land use compatibility</td>
<td>Yellow</td>
<td>Yellow</td>
<td>Green</td>
<td>Green</td>
</tr>
<tr>
<td>Environmental impacts (endangered species, site remediation etc)</td>
<td>Green</td>
<td>Red</td>
<td>Green</td>
<td>Green</td>
</tr>
<tr>
<td>Costs of acquiring and const ready</td>
<td>Green</td>
<td>Yellow</td>
<td>Yellow</td>
<td>Yellow</td>
</tr>
</tbody>
</table>
Transition from current single station to 2 centralized stations
FIRE MASTER PLAN RECOMMENDATIONS

Transition from current single station to 2 centralized stations
COMMUNITY FIRE SUBSTATION
Proposed Scope of Project Elements

Fire Substation
- approximately 2500 sq. ft. station
- apparatus bay for 1 Fire Engine & support vehicle
- all traffic activity from Hazel St.

Community Room
- meeting space for 30 to 50 persons
- alternate Emergency Operations Center for large-scale municipal emergencies

Other Elements
- Reconfiguration of park and fire-themed play structures in John Dupuis Park
- Shared off-street parking to accommodate amenity users
- Reconstruction of Hazel St. between Bouffard Rd. & Laurier Dr.
LAND USE CONFIGURATION

Original Land Use Configuration

- Area for Satellite Station
- Parkland
- 2 Building Lots

Proposed Land Use Configuration

- Area for Satellite Station
- Community Room/EOs
- Parkland

HEALTHY VIBRANT CARING
PROPOSED HAZEL STREET UPGRADES WILL FORM PART OF THE RECOMMENDATION FOR THE TOWN OF LASALLE SATELLITE FIRE STATION PROVIDED THAT THE FINAL LOCATION ON HAZEL STREET AT THE FORMER COLONEL BISHOP SCHOOL SITE REMAINS THE PREFERRED LOCATION.
EMERGENCY CALL DISTRIBUTION 2016

ZONE 1
Calls for Service = 97
Percentage of Total Calls = 27%

ZONE 2
Calls for Service = 124
Percentage of Total Calls = 34%

ZONE 3
Calls for Service = 98
Percentage of Total Calls = 27%

ZONE 4
Calls for Service = 39
Percentage of Total Calls = 11%