Background

1929
Volunteer Department initiated

1994
Fire Station 1

2007
Fire Station 2

2010
First full-time employee, Fire Chief

2021
Second full-time employee, Assistant Fire Chief

2023
Full-time Fire Department
Overview of Department

- 37 paid-on-call firefighters (approved for 50)
- Average age is 41 years old
- 60% of current firefighters have less than 5 years
- Hourly wage $14.52 and pension
- 75% have less than 10 years
Calls Increasing

Total Fire Calls

- 2016: 440
- 2017: 451
- 2018: 468
- 2019: 576
- 2020: 510
- 2021: 674 in 2021
Emergency Response

CALLS BY TYPE

<table>
<thead>
<tr>
<th>Year</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>98</td>
<td>91</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>115</td>
<td>117</td>
<td>176</td>
</tr>
<tr>
<td></td>
<td>40</td>
<td>56</td>
<td>52</td>
</tr>
</tbody>
</table>
Factors

Why now?

• Staffing
• Response Times
• Growth
• Prevention
Staffing Concerns

• *Inconsistent Response* – never sure how many firefighters will respond
• *Retention* – more are retiring or resigning than we can hire
• *Recruitment* – people are too busy and don’t want to commit the hours
• Fire *Station 2* – difficulty finding firefighters in the area of Station 2
Hiring not keeping pace with resignations
Response Times

National Fire Protection Association (NFPA) standard for arrival at scene with a staffed crew:

• Career Department standard is 6-minutes
• Paid-On-Call Department standard is 10-minutes

Prior Lake FD average response time is 8 min 57 sec
HOME FIRE TIMELINE

GROWTH OF FIRE

WITH FIRE SPRINKLERS

1 1/2 minutes or less
Deadly Heat, Flames & Smoke are Controlled
Smoke Alarm Activates
Fire Sprinkler Activates

WITHOUT FIRE SPRINKLERS

2-3 minutes
Without Fire Sprinklers, Odds of Escaping Decrease Significantly

3-5 minutes
No One Survives Flashover

5-8 minutes
Without Sprinklers, Fire Growth is Unrestricted

8-10 minutes
Firefighters Open Hose Nozzles

TIME IN MINUTES Based upon national averages

DETECTION OF FIRE  REPORT OF FIRE  DISPATCH  RESPONSE TO FIRE  SETUP  FIGHTING FIRE

Home Fire Sprinkler
COALITION
Protect What You Value Most

HomeFireSprinkler.org
Effect of Time on Cardiac Events

SURVIVAL REDUCED BY ~7-10% EACH MINUTE DEFIBRILLATION DELAYED

Source: www.suddencardiaccare.com
## Growth

<table>
<thead>
<tr>
<th></th>
<th>Prior Lake</th>
<th>Credit River</th>
<th>Spring Lake</th>
<th>Total:</th>
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</thead>
<tbody>
<tr>
<td><strong>2020</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Population</td>
<td>27,617</td>
<td>5,493</td>
<td>3,464</td>
<td>36,574</td>
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<tr>
<td>Households</td>
<td>10,350</td>
<td>1,815</td>
<td>1,278</td>
<td>13,443</td>
</tr>
<tr>
<td>Sq. Miles</td>
<td>19.5</td>
<td>23.8</td>
<td>28.5</td>
<td>71.8</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Prior Lake</th>
<th>Credit River</th>
<th>Spring Lake</th>
<th>Total:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2040</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Population</td>
<td>37,600</td>
<td>6,400</td>
<td>4,180</td>
<td>48,180</td>
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<tr>
<td>Households</td>
<td>14,700</td>
<td>2,240</td>
<td>1,600</td>
<td>18,540</td>
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</table>

Source: Metropolitan Council
## Comps

<table>
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<tr>
<th></th>
<th>Savage</th>
<th>Shakopee</th>
<th>Prior Lake</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>32,465</td>
<td>43,698</td>
<td>36,574</td>
</tr>
<tr>
<td>Households</td>
<td>11,181</td>
<td>14,722</td>
<td>13,443</td>
</tr>
<tr>
<td>Sq. Miles</td>
<td>16.4</td>
<td>29.8</td>
<td>71.8</td>
</tr>
</tbody>
</table>

*Source: Metropolitan Council*
Prevention

- Life Safety Inspections
- Pre-Planning
- Education

PREVENTION
Generalized Land Use

Growth in land use (acres) from 2016-2020

Source: Metropolitan Council
Proposal

• Addition of 12 full-time firefighters
  ✓ 3 FTE captains
  ✓ 9 FTE firefighters

• 3 shifts for 24/7 coverage
  ✓ 1 captain and 3 firefighters per shift

• Keep current paid-on-call (POC) level of staffing
  ✓ Large-scale and simultaneous incidents
  ✓ 150 responses or about 22% of total calls (estimate on current average)
  ✓ Backfill full-time employees that are out sick, vacation, etc.
Org Chart
Effective January 2023

Fire Chief*

Assistant Fire Chief*

Paid-on-call firefighters

Captain
A Shift

Firefighter (3)

Captain
B Shift

Firefighter (3)

Captain
C Shift

Firefighter (3)

*current full-time staff
Funding

- Federal SAFER Grant - Staffing for Adequate Fire & Emergency Response (SAFER) Grant
  - Year 1 – 100% of salaries and benefits for new positions
  - Year 2 – 100% of salaries and benefits
  - Year 3 – 100% of salaries and benefits
- Fire contracts with City of Credit River and Spring Lake Township beginning 2026
- General fund tax levy beginning 2026
Cost
Next Steps

- October 14, 2021 – Spring Lake Township Board
- October 21, 2021 - Community Engagement Committee presentation
- November 3, 2021 - City of Credit River Council Meeting
- January 2022 – Council authorization to submit grant
- February 1, 2022 - Grant application submitted
- 2022 – Fire Station 1 building renovation
- Spring 2022 – Grant awarded and Council acceptance of grant
- Fall 2022 – Start hiring process
- January 2023 – Fire Department transition begins