



Welcome

Township of Uxbridge – Fire Station Location Study
Public Information Centre – September 2008

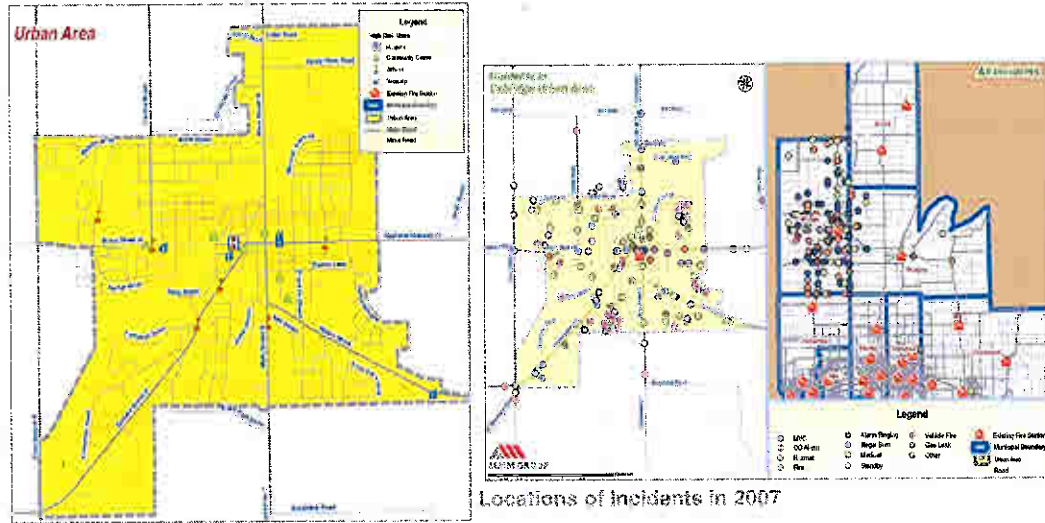
The goal of our study has been to identify a preferred location for the new Uxbridge Fire Station

Our Work Has Included...

- **Reviewing Background Information**
 - Coverage from the Existing Station;
 - Planned Developments;
 - Road Network Improvements;
 - Locations of High Risk Uses; and,
 - Trends
- **Analyzing Potential Locations**
 - Identify Possible Locations;
 - Short-List Locations Based on Key Factors;
 - Rank the Top Five Options; and,
 - Identify Most Suitable Location

Current Demands and High Risk Uses

Understanding the location of current emergency incidents is critical to the station location analysis.



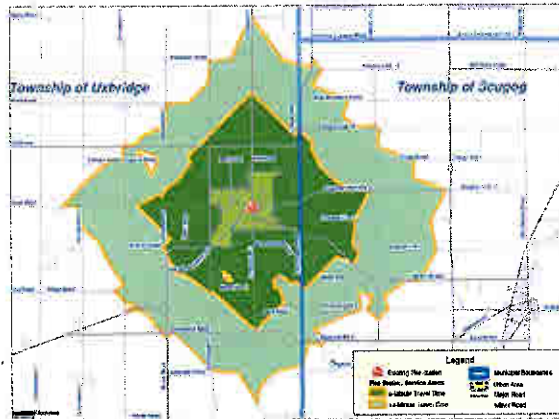
Locations of High Risk Uses

Locations of Incidents in 2007

Current Station (17 Bascom Street)

Deficiencies have been identified in the Fire Master Plan (FMP) and the Fire Underwriters Survey:

- Apparatus bays are too small to house newer firefighting vehicles;
- Location does not serve the Township's expanding urban area;
- Located on a side street;
- Access for volunteer firefighters is by way of highly congested traffic routes; and,
- Fire suppression is no longer the primary activity of the Fire Department.

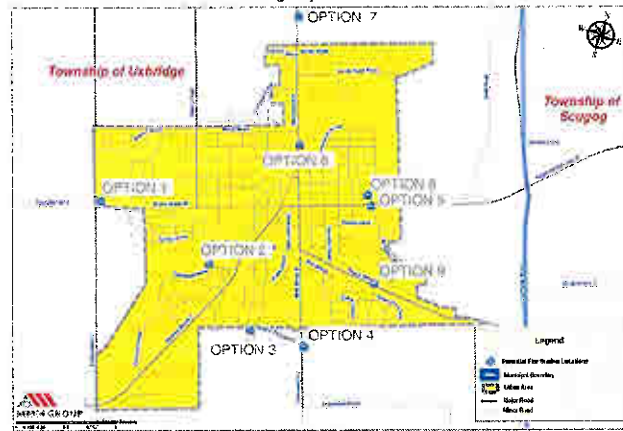


Existing Station Coverage (9-Minute and 14-Minute Travel Time Contours)

Our assessment has included a computer simulation of emergency response times, based on a GIS environment. This assessment has been calibrated to actual conditions. Coverage was assessed at 9-minute and 14-minute travel times.

Potential Locations

- The ideal location is a 2 to 3 acre lot with good access onto a major road network;
- Nine sites were determined through meetings with fire staff, fire fighters and local officials;
- Options 2, 4, 6, and 8 were removed from further consideration based on the following key considerations:
 - Option 2
 - Location lacks identity (hidden among the medical buildings); and,
 - Noise generated by the fire station would negatively impact the hospital
 - Option 4
 - Located on a flood plain
 - Option 6
 - Limited services;
 - Small lot size; and,
 - Poor access
 - Option 8
 - Small lot size
- Options 1, 3, 5, 7 and 9 were short-listed and ranked.



Nine Options Considered

Ranking of Five Short-Listed Options

The five short-listed sites were evaluated based on the criteria shown below. A numerical scoring system was developed for each variable. Options were assigned a high numerical value if they are expected to perform well in a specific category and a low value if they are expected to perform poorly.

Ranking for Each Option

Variables	Option 1 Northeast of the intersection of 6th Concession Road North at Regional	Option 3 Northwest of the intersection of Main Street South at Elgin Park Drive	Option 5 Southwest of the intersection of Brock Street East at Nelkydd Lane	Option 7 Northeast of the intersection of Main Street North at Colby Road	Option 9 Northwest of the intersection of Reach Street at Coral Creek Crescent
Size of Property	3	2	1	2	2
Ease of Access	1	2	3	3	2
Ease of Implementation	3	2	1	2	3
Cost/Ownership	2	2	1	2	1
Water Supply	1	1	2	2	1
Transportation Condition	4	5	1	2	3
Coverage of the Urban Area (4- min contour)	2	3	5	1	4
Coverage of the Rural Area (14- min contour)	5	3	2	4	1
Proximity to the High Risk Uses	2	3	4	1	3
Proximity to the core	3	4	5	1	2
Volunteer assembly time	1	3	3	1	2
Total Score	27	30	28	21	24

Evaluation of Short-Listed Locations

Eliminated Options:

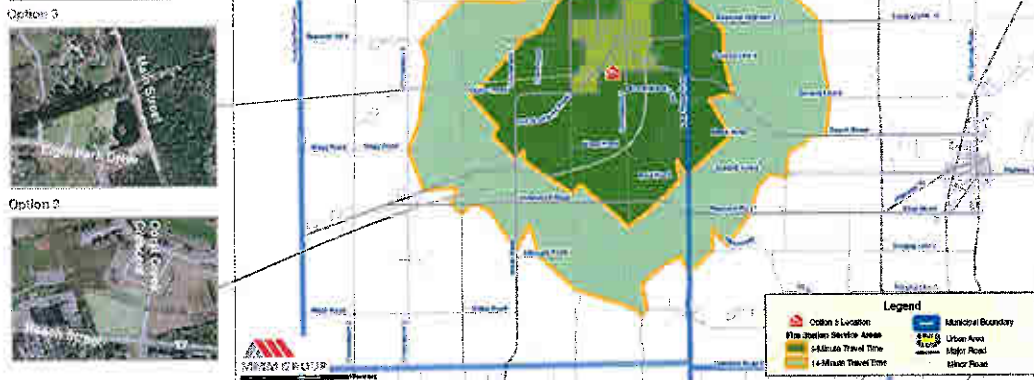
- **Option 7** has the lowest score, and due to its remote location and the fact that this site would result in loss of recreational space, it should not be considered further;
- **Option 1** would have a high combined volunteer assembly / emergency response travel time due to congestion and delay issues along Brock Street. The location on the edge of the town does not provide for optimal response. For that key reason, it should not be considered further; and,
- **Option 5** is a very small site, which would require a more costly 2-storey station. This property is also privately owned, which would likely increase the cost further. If either Option 3 or 9 is more feasible, this site should not be considered further.

Top Two Options:

- **Option 3** (on Elgin Park Drive)
 - Fewer adjacent uses which would be sensitive to noise impact (Compared to Option 9); and,
 - Better proximity to the developing west side of the town.
- **Option 9** (Reach Street at Coral Creek Crescent)
 - Close to the eastern edge of town, and would therefore have a higher response time to incidents along Toronto Street;
 - In a residential area, which increases the potential for noise impacts; and,
 - The land is owned by the Catholic School Board, and therefore a land transfer would be required.

Preferred Location (Option 3)

- **Option 3** (located northwest of the intersection of Main Street South at Elgin Park Drive) is concluded to be the best site for the new station;
- This location provides good coverage to the high risk uses;
- This site is used for overflow event parking;
- Alternative arrangements for event parking would need to be identified; and
- If no alternative event parking arrangements are possible, Option 9 is the most suitable option.





**Township of Uxbridge Fire Station Location Study
Public Consultation Centre
Tuesday, September 16, 2008**

1. Your input on the potential station locations is important to us. Do you feel that this list of options is complete? Are we missing any? Please tell us below.

2. Do you agree with the preferred station location? If not, which location do you believe is best, and why?

3. We hope that this information centre gave you the opportunity to express your opinions about this study. Do you have any comments for us relative to how the information centre was run? Were there any ways we could improve the information centre?

**Thank you for participating tonight!
We appreciate your input. Please use the back of this page if you need more
space, or wish to add other comments.**

Your comments will become part of the record for this evening's information centre, as well as provide additional guidance to our study team. You are welcome to leave your comment form with us, or you can send it to:

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