

September 2011

Markham Fire and
Emergency Services
MASTER FIRE PLAN

Final Report



Submitted by:

DILLON
CONSULTING

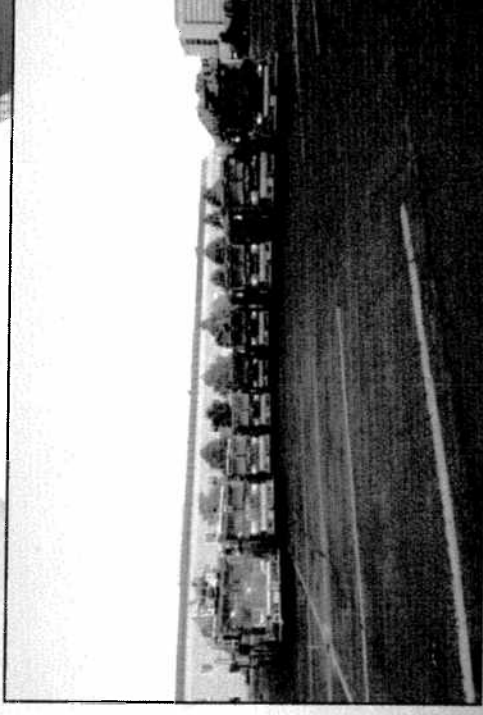


Town of Markham Master Fire Plan Presentation of Final Report to Council

Presented by: Steve Thurlow
February 27, 2012

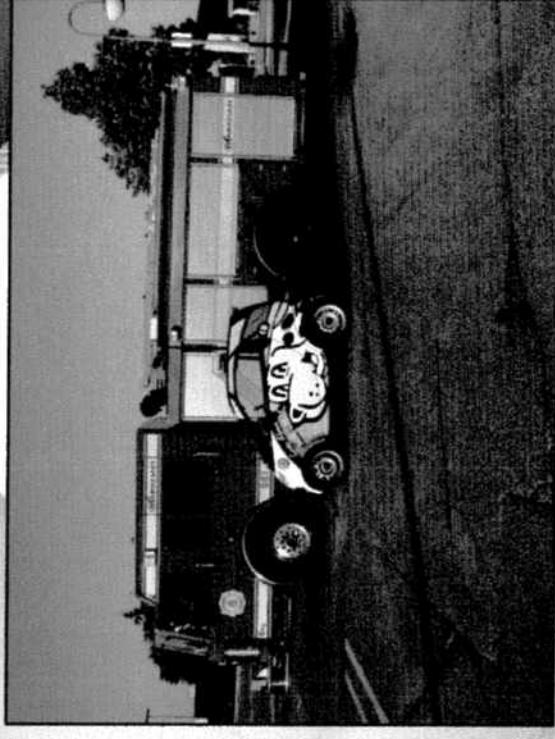
Outline:

- **Purpose**
- **What is a Master Fire Plan**
- **Ontario Fire Safety Protection Model**
- **Key Findings of the Review**
- **Overview of Recommendations**
- **Next step - Recommendations**
- **Questions**



Purpose:

- ✓ Present Final Master Fire Plan Report to Council;
- ✓ Request adoption of Master Fire Plan by Council; and
- ✓ Seek Council Direction for Fire Chief to develop an implementation plan.



What is a Master Fire Plan?

- ✓ Evaluation of current and future service delivery;
- ✓ Assessment of current services in relation to legislated requirements, industry standards and industry best practices;
- ✓ Creation of multi-year plan to deliver services; and
- ✓ Based on the “needs and circumstances” of the community.



The Ontario Fire Safety & Protection Model:

Three Lines of Defence:

1. Public Education and Prevention

- i. Smoke Alarm Program, school and seniors education, risk management, etc.

2. Fire Safety Standards and Enforcement

- i. Inspections, Occupancy Inspections, Licensing Approval, Violation Enforcement, Fire Investigations, etc.

3. Emergency Response

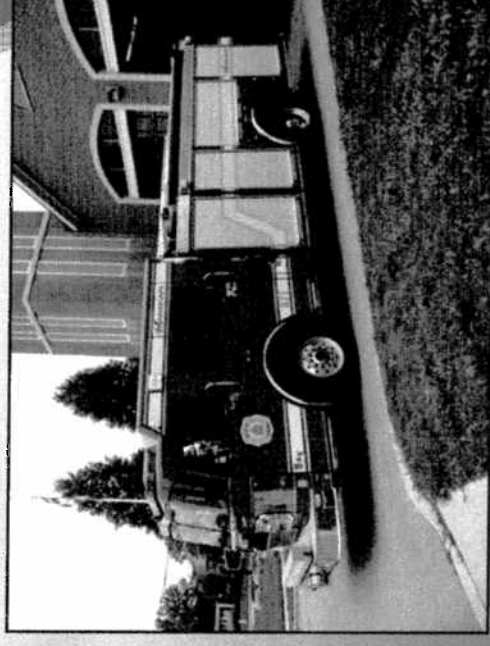
- i. Ontario Fire Marshal's Office Guidance Notes
- ii. National Fire Protection Association Standards (NFPA)
- iii. Ministry of Labour (Section 21 Guidance Notes)
- iv. Industry Best Practices



MFES Department Divisions:

The following divisions of the MFES were included within the scope of the Master Fire Plan review:

- ✓ *Division of Administration*
- ✓ *Division of Fire Prevention & Public Education*
- ✓ *Division of Suppression*
- ✓ *Division of Training*
- ✓ *Division of Apparatus and Equipment*
- ✓ *Division of Communications*

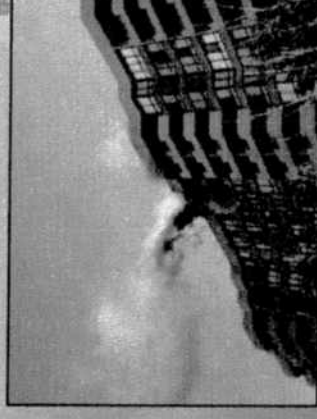


Key Findings of the Review:

- ✓ Currently achieving Legislated requirements of the FPPA and OHSA.
- ✓ MFES & Council's strategic investment of resources / funding to support public education and fire prevention activities having very positive impact on the community.
- ✓ Sustaining current level of services and efficiencies gained will be challenged by community growth.

Overview of Recommendations

- ✓ Adoption of a “Community-Based Fire Protection Model”
- ✓ Consideration of further involvement of Council in setting and approving performance targets for the MFES, including:
 - Fire prevention *inspection cycles*;
 - Fire suppression emergency response including targets for the *initial arriving company* and the *full alarm assignment*; and
 - Delivery of *specialized emergency response services*.



Overview of Recommendations (cont'd):

✓ Strategies to pursue further strategic alliances with other municipalities /agencies to develop partnerships, including:

- Development of a new training centre
- specialized emergency response services

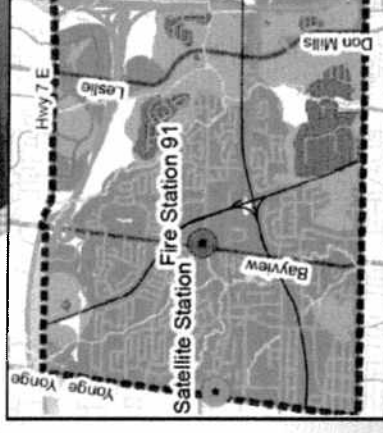
✓ Staff resources in a number of areas to sustain the current service delivery efficiencies being attained, including:

- Consideration of a third Deputy Fire Chief position
- Human resource / labour relations support
- Equipment maintenance resources
- Public education / prevention resources



Overview of Recommendations (cont'd):

- ✓ Facility and apparatus recommendations to sustain the current levels of service as the community continues to grow, including:
 - Addition of 10th Fire Station near Warden and Highway 7
 - Addition of 11th “Satellite” Fire Station near Young Street and John Street
 - Addition of a third ladder company
- ✓ Consideration of options for a larger more efficient apparatus and equipment maintenance facility
- ✓ Developing an “Information Technology Architecture Plan”



Next Steps - Recommendations:

- ✓ That Council approve the Master Fire Plan for use by the Fire Chief and Council as a strategic guide for the provision of Fire Protection Services for the Town of Markham for the coming 10 years
- ✓ That the Fire Chief be directed to provide Council with a detailed Operational Implementation Plan for all recommendations included within the approved Master Fire Plan





Questions ...