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Jacqueline White, P.Eng.  
Manager  
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Toronto and East York District, East  
17<sup>th</sup> Floor, Metro Hall  
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**Re: Traffic Calming Measures – Barker Avenue between Coxwell Avenue and Woodbine Avenue – Evaluation for the Installation of Speed Humps**

Dear Mr. Hamilton:

I am in receipt of the proposal for installation of traffic calming measures (speed humps). I have the following comments.

Toronto Fire Services is supportive of initiatives that will improve the life safety for citizens of and visitors to the City of Toronto. Our concern is that the physical calming measures being proposed may negatively impact emergency response to the area.

Fire Services is opposed to this speed hump installation as they will slow our responding vehicles and affect our ability to deliver service in the quickest possible manner. The effectiveness of our services is directly proportional to time it takes to receive notification, travel to the incident and begin operations. The vertical restrictions imposed by speed humps have a much greater effect on large fire vehicles than smaller passenger vehicles. Response time increases with every obstacle a fire vehicle encounters enroute from the fire station to the incident. Although the increase at each hump may only be seconds, the cumulative effect can be a significant amount of time. A thirty-second delay (3 to 4 humps) is enough to alter the outcome of an incident from a successful fire extinguishment with minimal property damage and rescue of all occupants to complete structure loss with fire fatalities.

It is imperative that the individuals directly affected by this installation be made fully aware of the potential negative effects of the proposed calming devices, **particularly because this application does not meet the criteria as set out in the Policy for speed humps.** Careful consideration must be given to accepting delays of emergency response vehicles as a trade-off to combat the risks presented by regular vehicle traffic.

Fire Services recommends that non-physical measures (speed limits or prohibited turns) be implemented and evaluated before physical forms are considered. Desired results may be obtained without imposing a physical obstruction to emergency vehicles. The impact of a speed hump installed in a segment of a street is difficult to evaluate without accounting for all measures that exist on the surrounding streets. It is our opinion that traffic calming measures need to be evaluated on network-wide basis to better assess the impact to the entire response area.

Regards,

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Captain Terry Bruining  
Emergency Planning Research & Development  
Toronto Fire Services

cc: Councillor Janet Davis  
~~Roman Oleksij~~, Supervisor, Traffic Engineering  
Norm Ferrier, Senior EMS Planner, Emergency Medical Services, Ambulance Services  
Division  
Chief William Blair, Toronto Police Services, Attn: Supt. Wayne Penden, 55 Division  
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