

# **Carlton Road and Village Parkway Traffic Calming Project**

Tuesday May 12, 2009  
Development Services Committee



Engineering Department

# Background

- In 2006 Carlton Road and Village Parkway were among six streets identified for physical traffic calming measures due to lack of driver response to enhanced Police enforcement
- Public consultation including telephone surveys in 2007 confirmed sufficient support by residents for traffic calming to proceed on Carlton Road and Village Parkway
- Traffic Calming on the two roads was implemented in the Summer of 2008 at a cost of \$293,500.00
- From its installation, there has been strong opposition to the traffic calming
- Residents concerns related to:
  - Need for traffic calming
  - Cyclists safety
  - Traffic operation relating to the yellow and white pavement markings
  - Road aesthetic
- Council established a Working Group on September 9, 2008 to review the traffic calming measures on Carlton Road/ Village Parkway, review cycling safety and obtain comments from residents.

# Members of the Working Group

- Councillor Virgillio, Ward 3, Unionville - Chair
- Residents
  - Darlene Klemchuck – Village Parkway
  - Anthony Hadeed – Carlton Road
  - Ian Munro – Carlton Road
  - Connie Pagliaro – Carlton Road
  - Dave Gibbons, URA, Carlton Road
  - Joe Wightman – Addington Street
  - Paula Roberts – McKay Crescent
  - Wes Rowe, URA - McKay Crescent
- Dwight Richardson, Markham's Cycling and Pedestrian Advisory Committee
- Marcia Guthenberg, Markham's Cycling and Pedestrian Advisory Committee
- Sergeant Courtney Chang, York Regional Police
- Greg McCormick, Unionville BIA
- Tracey MacKinnon, Unionville BIA
- Clayton LaTouche, Principal, William Berczy Public School
- Wing Morse, Traffic Safety Committee
- Alan Brown, Director of Engineering
- Monday Iyamu, Traffic Coordinator-Traffic Operations

# Working Group's Terms of Reference

- To review and understand the background information and decision making process for the traffic calming measures
- To assess the effectiveness related to traffic speeds and corresponding resident/cyclists safety;
- To review and address residents concerns relating to traffic calming measures;
- To prepare recommendations to be submitted to Council relating to the traffic calming measures on Carlton Road and Village Parkway.

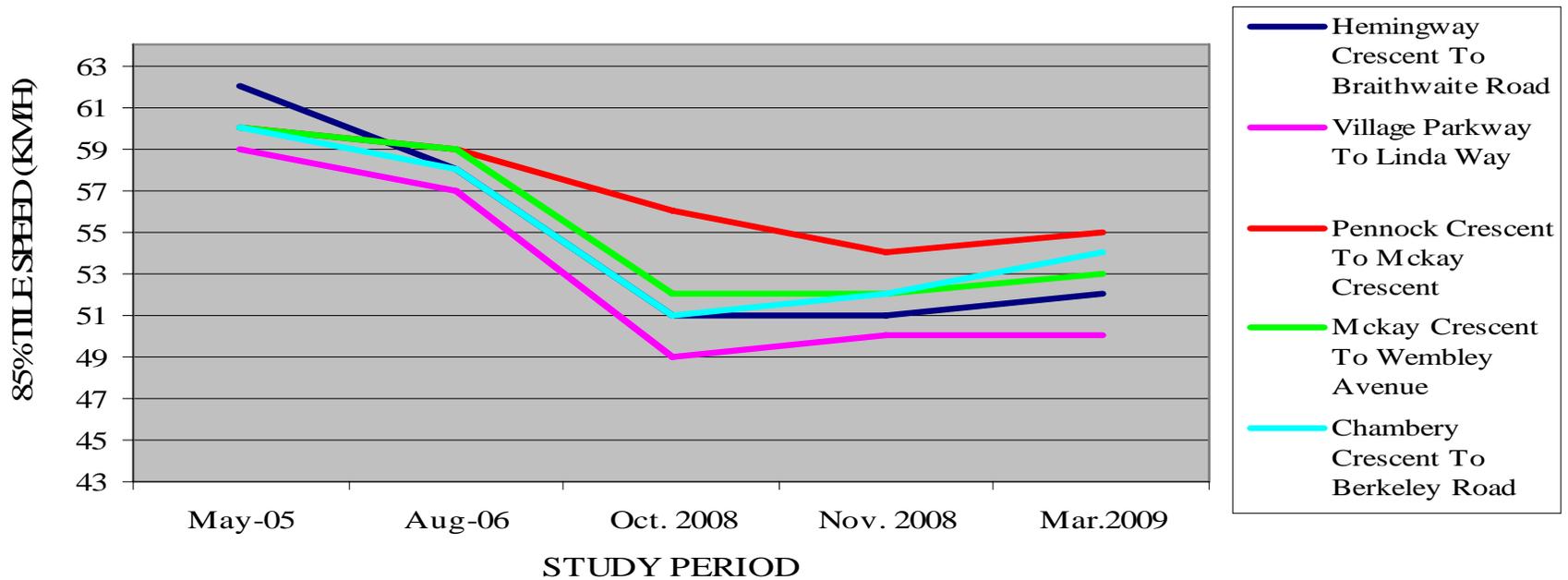
# Meetings

- The Working Group met five (5) times between October, 2008 and April 2009
- Reviewed background relating to traffic calming and public consultation process
- Reviewed various traffic data for traffic calming
- Reviewed options relating to modification to the traffic calming

# CARLTON ROAD SPEED COMPARISON

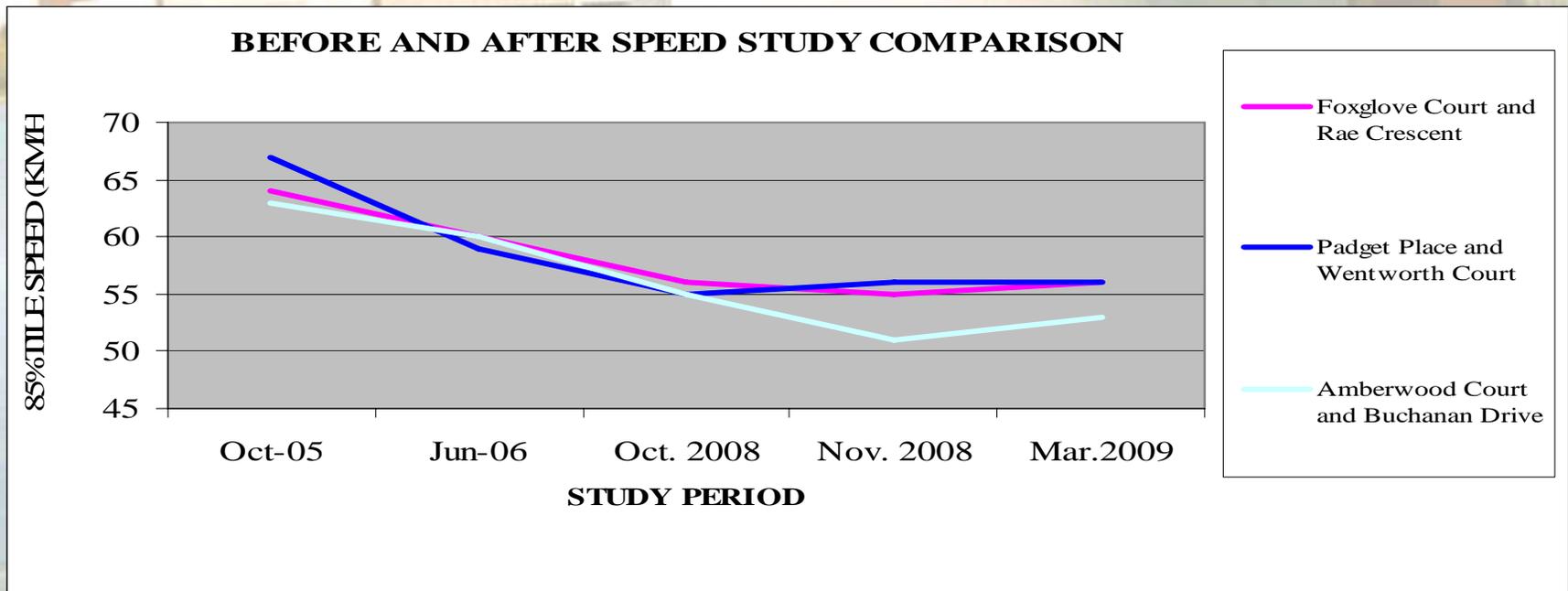
Locations	Before Traffic Calming		After Traffic Calming		
	May-05	Aug-06	Oct. 2008	Nov. 2008	Mar.2009
Hemingway Crescent To Braithwaite Road	62	58	51	51	52
Village Parkway To Linda Way	59	57	49	50	50
Pennock Crescent To Mckay Crescent	60	59	56	54	55
Mckay Crescent To Wembley Avenue	60	59	52	52	53
Chambery Crescent To Berkeley Road	60	58	51	52	54

## BEFORE AND AFTER SPEED STUDY COMPARISON



# VILLAGE PARKWAY SPEED COMPARISON

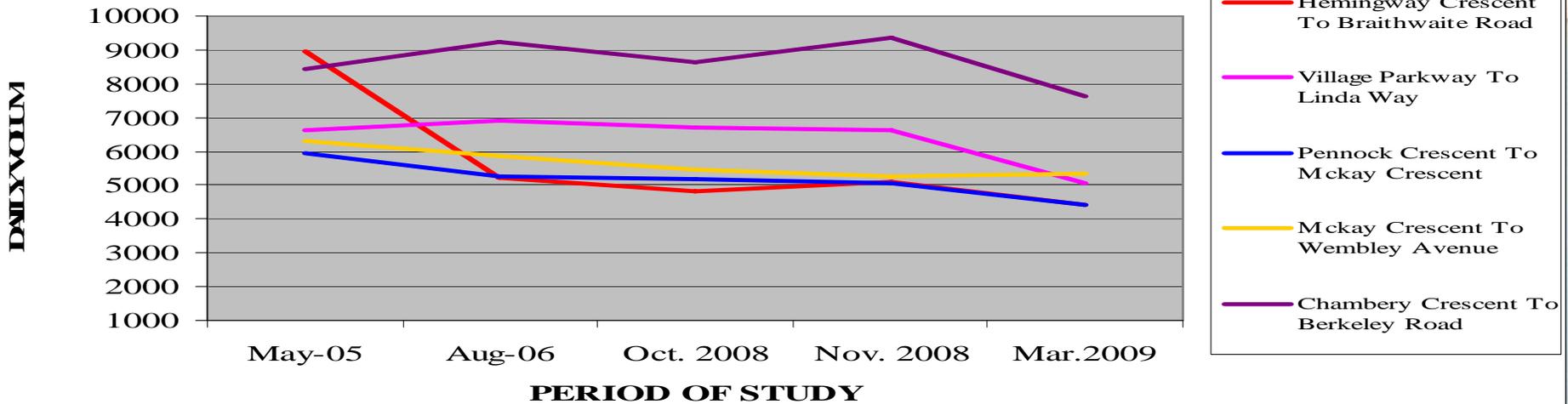
Locations	Before Traffic Calming		After Traffic Calming		
	Oct-05	Jun-06	Oct. 2008	Nov. 2008	Mar.2009
Foxglove Court and Rae Crescent	64	60	56	55	56
Padget Place and Wentworth Court	67	59	55	56	56
Amberwood Court and Buchanan Drive	63	60	55	51	53



# CARLTON ROAD VOLUME COMPARISON

Locations	Before Traffic Calming		After Traffic Calming		
	May-05	Aug-06	Oct. 2008	Nov. 2008	Mar.2009
Hemingway Crescent To Braithwaite Road	8962	5220	4809	5080	4413
Village Parkway To Linda Way	6630	6921	6691	6617	5065
Pennock Crescent To Mckay Crescent	5922	5251	5172	5060	4427
Mckay Crescent To Wembley Avenue	6298	5876	5468	5279	5341
Chambery Crescent To Berkeley Road	8425	9248	8616	9365	7629

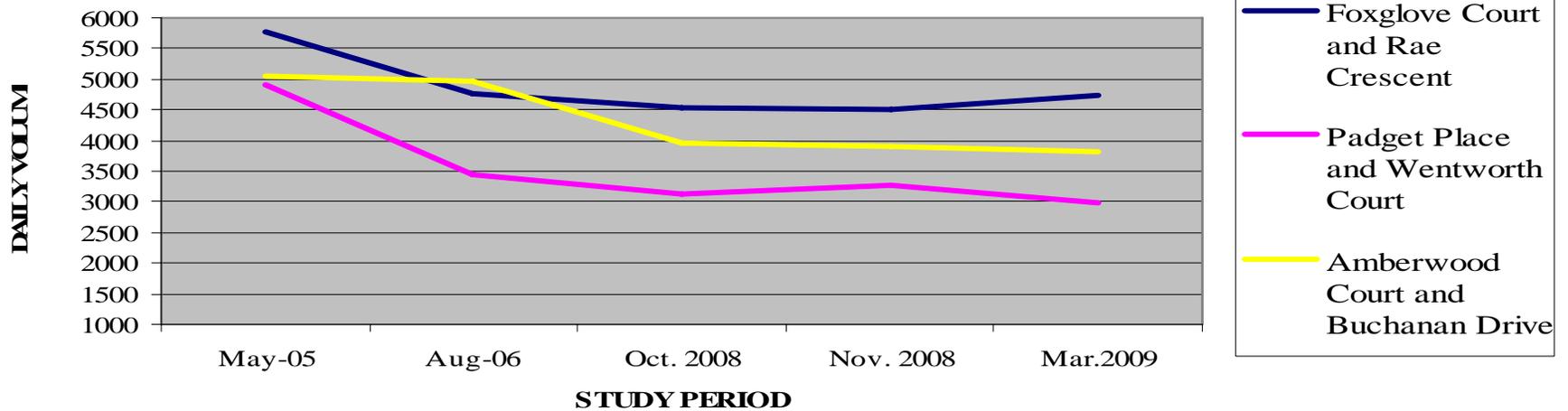
**BEFORE AND AFTER VOLUME STUDY COMPARISON**



# VILLAGE PARKWAY VOLUME COMPARISON

Locations	Before Traffic Calming		After Traffic Calming		
	May-05	Aug-06	Oct. 2008	Nov. 2008	Mar.2009
Foxglove Court and Rae Crescent	5757	4774	4533	4519	4726
Padget Place and Wentworth Court	4906	3442	3127	3262	2970
Amberwood Court and Buchanan Drive	5064	4976	3952	3910	3825

**BEFORE AND AFTER VOLUME STUDY COMPARISON**



# Principles For Design Modification of Traffic Calming

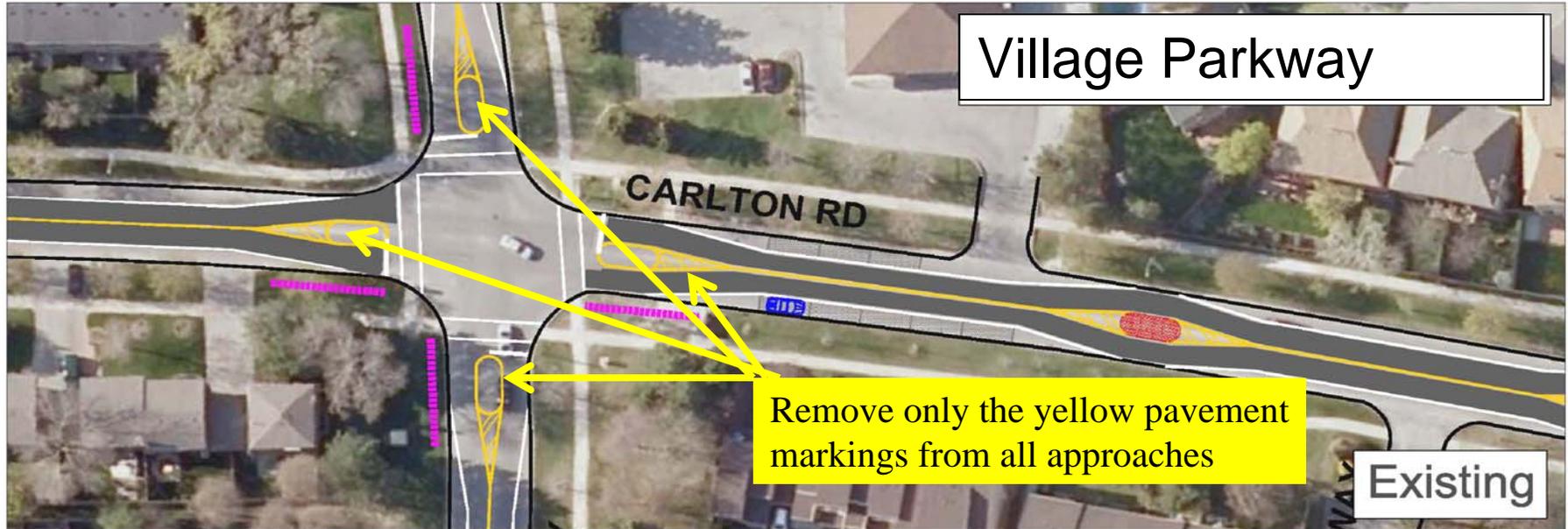
- To maintain a 5 to 8 km/h speed reduction on the streets
- Ensure safety of pedestrians and cyclists
- To sustain services access into the Community
  - Emergency Medical Services
  - Fire Services
  - Police Services
  - Public Transit Services
  - Road Operations
- Improve road aesthetic
- Maintain resident parking supply
- Obtain solution that will achieve public acceptance
- Obtain solution that is financially viable

# Options Considered

#	OPTION	SAFETY	CYCLING	PARKING	AESTHETIC	PUBLIC ACCEPT.	ESTIMATED COST
1	Elongate all roll-over medians . obliterate all pavement markings	No	Yes	Yes	Yes	?	\$1,000,000
2	Elongate some roll-over medians and obliterate some pavement Markings	Yes	?	Yes	?	?	\$150,000
3	Narrow and Lower existing Roll-over medians	No	Yes	Yes	No (patches / grindings)	?	\$140,000
4	Remove White Pavement Markings And Modify Required Islands	?	Yes	Yes	?(grindings)	?	\$85,000
5	Remove roll-over medians & existing markings, provide Bike Lanes	?	Yes	No	(patch work / excessive signs)	?	\$250,000
6	Enhanced Police Enforcement	Yes	Yes	Yes	N/A	?	?

## Current Status

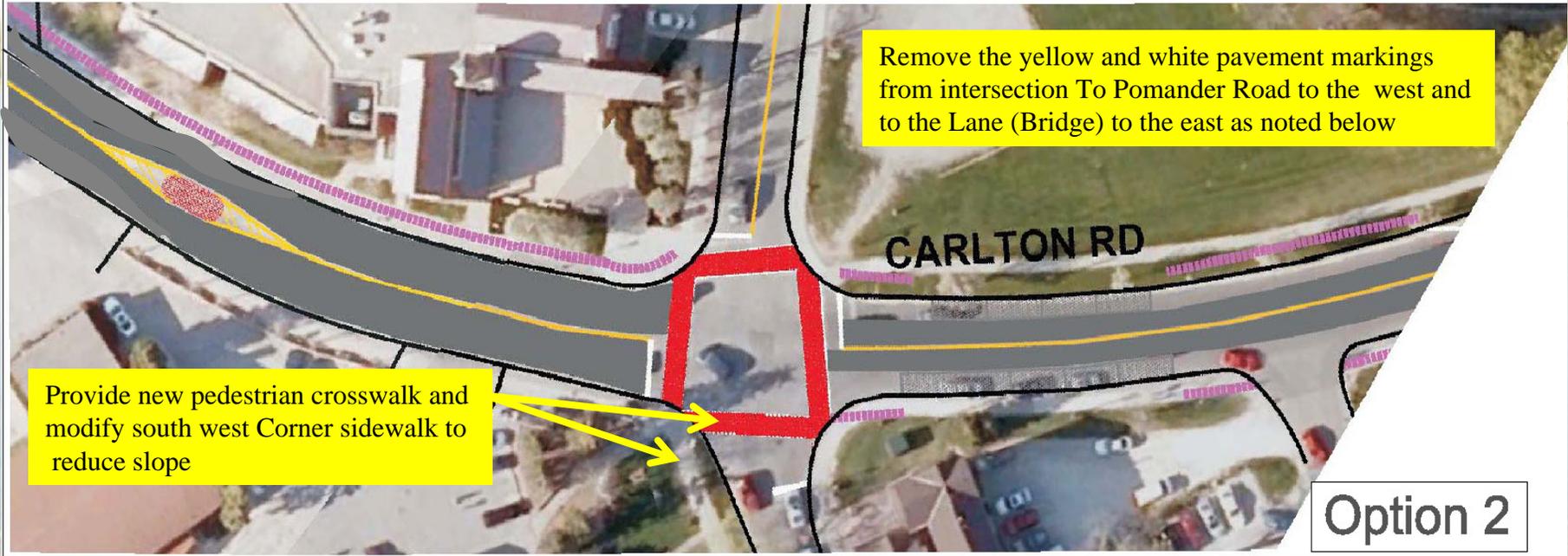
- Strong opinions both for and against traffic calming modifications on both streets
- Preference for option #2 was expressed by most of the Group members
- Improvement to traffic calming recommended to be implemented in phases
- Phase 1
  - Carlton Road/Main Street intersection relining and south side pedestrian crossing improvement
  - Carlton Road/Village Parkway intersection relining
  - Approximate cost \$50,000
  - To be funded by Account # 083-5350-7660-005
  - To be implemented in May 2009



# Main Street Unionville



Existing



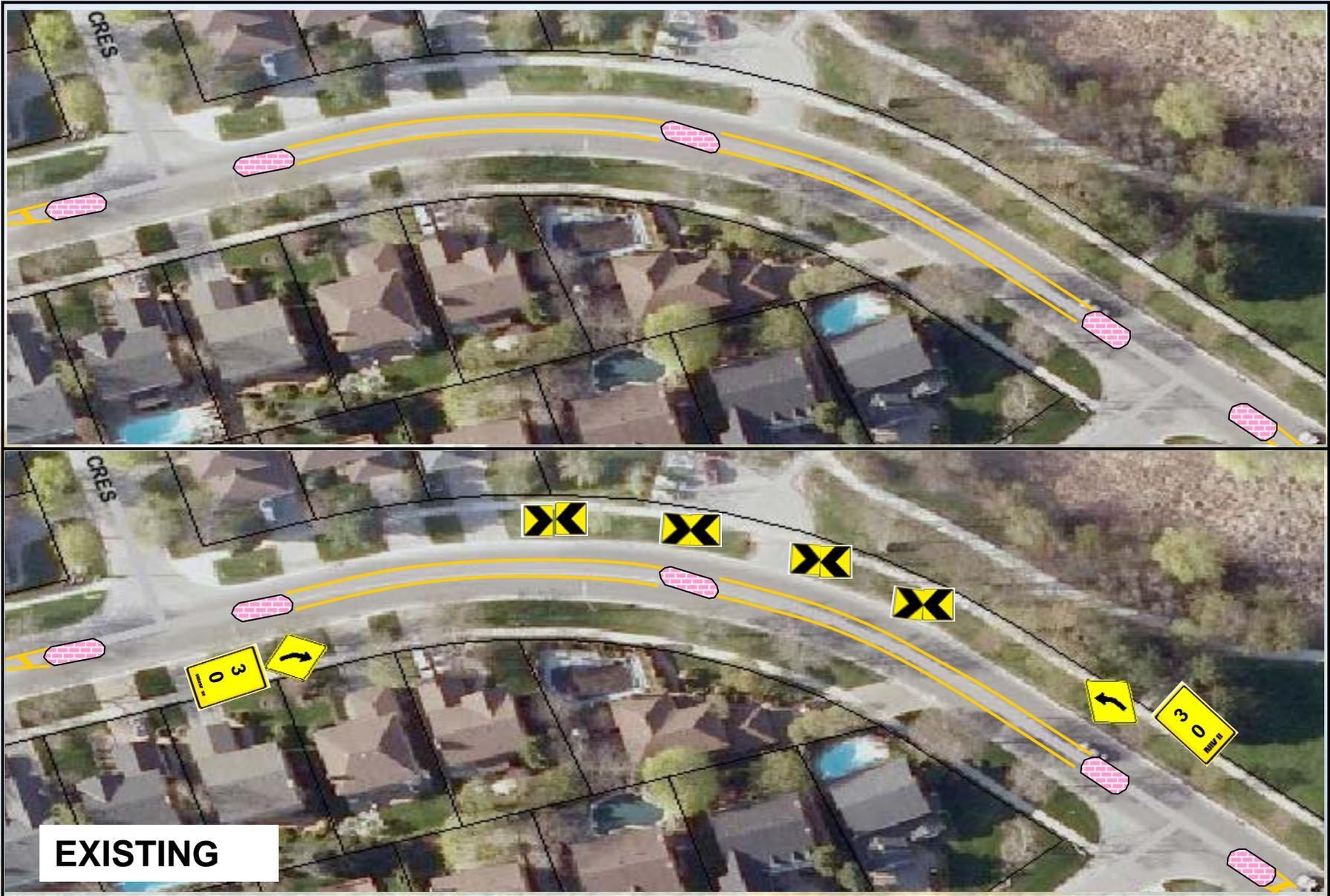
Option 2

# Current Status Continue

## Phase 2

- Carlton Curve – between McKay Crescent and Pennock Crescent
- Historic problem with accidents
- Delineators installed late 2008
- Relining of road and other safety measures being reviewed
- Budget allowance of \$10,000.00 to be funded from Account # 083-5350-7660-005 is recommended
- Implementation June 2009

# Current Status Continue



# Current Status Continue

## Phase 3

- Cyclist safety on the roads
- Review options with Working Group over summer months

## Safe Street Strategy

- Staff to report Council in Fall of 2009 with update to strategy and particularly Traffic calming versus Police enforcement options.

# Public Consultation

- Public information meeting in June 2009
- Update to Development Services Committee in September 2009
- Second public information meeting in September 2009 (if required)

# Recommendations

- Presentation be received
- Phases 1 and 2 adjustment and funding to traffic calming on Carlton Road and Village Parkway be endorsed
- A funding allowance of \$60,000.00 for phases 1 and 2 improvement to be funded from account # 083-5350-7660-005 be approved
- Staff report back to Committee with phase 3 adjustment option and Safe Street Strategy update in September of 2009