

Version: 10-Apr-09

Name of Corridor:	Briggs Avenue						
Segment Evaluated:	Bayview Avenue			Blackmore Avenue			
Geographic Region:	Ontario						
Road Agency:	City of Richmond Hill						
Road Classification:	Collector	Length of C	orrido	or:	965	m	
Urban / Rural:	Urban	Design Spe Expressway, Hi		Required for Freeway,		km/h	
Divided / Undivided:	Undivided	Current Post (For information		eed:	50	km/h	
Major / Minor:	Minor	Prevailing Sp (85th Percentile		iformation only)	54	km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Post	sted Speed)		50	km/h	
RISK Score							

		RISK	Score	
A 1	GEOMETRY (Horizontal)	Lower	1	
A2	GEOMETRY (Vertical)	Lower	1	
А3	AVERAGE LANE WIDTH	Medium	4	
В	ROADSIDE HAZARDS	Lower	1	
C1	PEDESTRIAN EXPOSURE	Lower	3	
C2	CYCLIST EXPOSURE	Higher	9	
D	PAVEMENT SURFACE	Lower	1	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences		
	STOP controlled intersection	2		
	Signalized intersection	1	47	
E1	Roundabout or traffic circle	0	17	
	Crosswalk	1		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	7		
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences		
E2	Left turn movements permitted	69	15	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
	Number of interchanges along corridor	0		
F	ON-STREET PARKING	Higher	9	

Total Risk Score:	
61	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics

40

As determined by policy 50

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Version: 10-Apr-09

Name of Corridor:	Driscoll Road						
Segment Evaluated:	Lucas Street			Bradstock Park			
Geographic Region:	Ontario						
Road Agency:	City of Richmond Hill						
Road Classification:	Local	Length of C	orrido	or:	500	m	
Urban / Rural:	Urban	Design Spe Expressway, Hi		Required for Freeway,		km/h	
Divided / Undivided:	Undivided	Current Post (For information			50	km/h	
Major / Minor:		Prevailing Sp (85th Percentile	Speed: ile - for information only)	nformation only)	45	km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Pos	•		50	km/h	
	RISK	Score					

ı cı ı	Direction.		(iviaximur	
		RISK	Score	
A1	GEOMETRY (Horizontal)	Lower	1	
A2	GEOMETRY (Vertical)	Lower	1	
А3	AVERAGE LANE WIDTH	Medium	4	
В	ROADSIDE HAZARDS	Lower	1	
C1	PEDESTRIAN EXPOSURE	Lower	3	
C2	CYCLIST EXPOSURE	Higher	9	
D	PAVEMENT SURFACE	Lower	1	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences		
	STOP controlled intersection	1		
	Signalized intersection	0	2	
E1	Roundabout or traffic circle	0		
	Crosswalk	0		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	2		
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences		
E2	Left turn movements permitted	27	15	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
	Number of interchanges along corridor	0	-	
F	ON-STREET PARKING	Higher	9	

Total Risk Score:	
46	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40 As determined by policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Version: 10-Apr-09

Name of Corridor:	Estate Garden Drive						
Segment Evaluated:	Snowy Meadow Avenue (East Leg)		to	Westerly Limit of Est	of Estate Garden Drive		
Geographic Region:	Ontario						
Road Agency:	City of Richmond Hill						
Road Classification:	Local	Length of Corridor:			870	m	
Urban / Rural:	Urban	(For information only) Prevailing Speed: (85th Percentile - for information only)				km/h	
Divided / Undivided:	Undivided				50	km/h	
Major / Minor:					53	km/h	
# Through Lanes Per Direction:	1 lane				50	km/h	

Per L	Direction:		(Maximun
		RISK	Score
A1	GEOMETRY (Horizontal)	Medium	2
A2	GEOMETRY (Vertical)	Lower	1
А3	AVERAGE LANE WIDTH	Medium	4
В	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Lower	3
C2	CYCLIST EXPOSURE	Higher	9
D	PAVEMENT SURFACE	Lower	1
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	0	
	Signalized intersection	1	
E1	Roundabout or traffic circle	0	3
	Crosswalk	1	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	3	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
E2	Left turn movements permitted	117	15
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Higher	9

Total Risk Score:	
48	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40 As determined by policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Version: 10-Apr-09

Name of Corridor:	Forest Ridge Road						
Segment Evaluated:	Bayview Avenue			Easterly Limit of Forest Ridge Road			
Geographic Region:	Ontario						
Road Agency:	City of Richmond Hill						
Road Classification:	Local	Length of Corridor:			1,040	m	
Urban / Rural:	Urban	Design Speed: (Required for Freeway, Expressway, Highway)				km/h	
Divided / Undivided:	Undivided	Current Post (For information		eed:	50	km/h	
Major / Minor:		Prevailing Sp (85th Percentile		nformation only)	41	km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Pos	Posted Speed)		50	km/h	

Per L	Direction:		(Maximun
		RISK	Score
A 1	GEOMETRY (Horizontal)	Medium	2
A2	GEOMETRY (Vertical)	Lower	1
А3	AVERAGE LANE WIDTH	Medium	4
В	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Medium	6
C2	CYCLIST EXPOSURE	Higher	9
D	PAVEMENT SURFACE	Lower	1
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	1	
	Signalized intersection	0	
E1	Roundabout or traffic circle	0	1
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	1	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
E2	Left turn movements permitted	41	15
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Higher	9

Total Risk Score:	
49	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40 As determined by policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Version: 10-Apr-09

Name of Corridor:	Greenhill Avenue						
Segment Evaluated:	Leslie Street		to Clarendon Drive				
Geographic Region:	Ontario						
Road Agency:	City of Richmond H	II					
Road Classification:	Collector	Length of Corridor: Design Speed: (Required for Freeway, Expressway, Highway)		or:	500	m	
Urban / Rural:	Urban			•		km/h	
Divided / Undivided:	Undivided		Current Post	Current Posted Speed: (For information only)		50	km/h
Major / Minor:	Minor		Prevailing Speed	evailing Speed: th Percentile - for information only)		54	km/h
# Through Lanes Per Direction:	1 lane		Policy: (Maximum Pos		• •	50	km/h
Г		RISK	Score				

		RISK	Score
A1	GEOMETRY (Horizontal)	Lower	1
A2	GEOMETRY (Vertical)	Lower	1
А3	AVERAGE LANE WIDTH	Medium	4
В	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Lower	3
C2	CYCLIST EXPOSURE	Higher	9
D	PAVEMENT SURFACE	Lower	1
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	1	15
	Signalized intersection	1	
E1	Roundabout or traffic circle	0	
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	0	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
E2	Left turn movements permitted	24	15
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Higher	9

l otal Risk Score:
59

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40 As determined by policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Version: 10-Apr-09

Name of Corridor:	Kignshill Road					
Segment Evaluated:	Bathurst Street			King Road		
Geographic Region:	Ontario					
Road Agency:	City of Richmond Hill					
Road Classification:	Collector	Length of Corridor:			595	m
Urban / Rural:	Urban	Design Speed: (Required for Freeway, Expressway, Highway) Current Posted Speed: (For information only) Prevailing Speed: (85th Percentile - for information only)		•		km/h
Divided / Undivided:	Undivided			eed:	50	km/h
Major / Minor:	Minor			nformation only)	54	km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Pos			50	km/h

Per L	Direction:		(Maximur
		RISK	Score
A1	GEOMETRY (Horizontal)	Lower	1
A2	GEOMETRY (Vertical)	Lower	1
А3	AVERAGE LANE WIDTH	Medium	4
В	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Lower	3
C2	CYCLIST EXPOSURE	Medium	6
D	PAVEMENT SURFACE	Lower	1
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	2	
	Signalized intersection	2	
E1	Roundabout or traffic circle	0	38
	Crosswalk	2	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	11	
1	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	4-
E2	Left turn movements permitted	127	15
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Medium	6

Total Risk Score:	
76	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40 As determined by policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Version: 10-Apr-09

Name of Corridor:	Larratt Lane						
Segment Evaluated:	Elgin Mills Road West			Shaftsbury Avenue			
Geographic Region:	Ontario						
Road Agency:	City of Richmond Hill						
Road Classification:	Collector	Length of C	orrido	or:	1,205	m	
Urban / Rural:	Urban	Design Spe Expressway, Hi		Required for Freeway,	60	km/h	
Divided / Undivided:	Undivided	Current Posted Speed: (For information only)			50	km/h	
Major / Minor:	Minor		revailing Speed: 5th Percentile - for information only)		55	km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posi	ted Spe	eed)	50	km/h	

A1 GEOMETRY (Horizontal) Lower 1 A2 GEOMETRY (Vertical) Lower 1 A3 AVERAGE LANE WIDTH Medium 4 B ROADSIDE HAZARDS Lower 1 C1 PEDESTRIAN EXPOSURE Lower 3 C2 CYCLIST EXPOSURE Higher 9 D PAVEMENT SURFACE Lower 1 NUMBER OF INTERSECTIONS Number of Occurrences STOP controlled intersection 4 Signalized intersection 1 Roundabout or traffic circle 0 Crosswalk 2 Active, at-grade railroad crossing 0 Sidestreet STOP-controlled or lane 4	rei L	T Idilo	er D	(Maximu
A2 GEOMETRY (Vertical) Lower 1 A3 AVERAGE LANE WIDTH Medium 4 B ROADSIDE HAZARDS Lower 1 C1 PEDESTRIAN EXPOSURE Lower 3 C2 CYCLIST EXPOSURE Higher 9 D PAVEMENT SURFACE Lower 1 NUMBER OF INTERSECTIONS Number of Occurrences STOP controlled intersection 4 Signalized intersection 1 Roundabout or traffic circle 0 Crosswalk 2 Active, at-grade railroad crossing 0		RISK		Score
A3 AVERAGE LANE WIDTH Medium 4 B ROADSIDE HAZARDS Lower 1 C1 PEDESTRIAN EXPOSURE Lower 3 C2 CYCLIST EXPOSURE Higher 9 D PAVEMENT SURFACE Lower 1 NUMBER OF INTERSECTIONS Number of Occurrences STOP controlled intersection 4 Signalized intersection 1 Roundabout or traffic circle 0 Crosswalk 2 Active, at-grade railroad crossing 0	A 1	TRY (Horizontal) Lower	A1	1
B ROADSIDE HAZARDS Lower 1 C1 PEDESTRIAN EXPOSURE Lower 3 C2 CYCLIST EXPOSURE Higher 9 D PAVEMENT SURFACE Lower 1 NUMBER OF INTERSECTIONS Number of Occurrences STOP controlled intersection 4 Signalized intersection 1 Roundabout or traffic circle 0 Crosswalk 2 Active, at-grade railroad crossing 0	A2	ETRY (Vertical) Lower	A2	1
C1 PEDESTRIAN EXPOSURE Lower 3 C2 CYCLIST EXPOSURE Higher 9 D PAVEMENT SURFACE Lower 1 NUMBER OF INTERSECTIONS WITH PUBLIC ROADS Occurrences STOP controlled intersection 4 Signalized intersection 1 Roundabout or traffic circle 0 Crosswalk 2 Active, at-grade railroad crossing 0	А3	E LANE WIDTH Medium	А3	4
C2 CYCLIST EXPOSURE Higher 9 D PAVEMENT SURFACE Lower 1 NUMBER OF INTERSECTIONS Number of Occurrences STOP controlled intersection 4 Signalized intersection 1 Roundabout or traffic circle 0 Crosswalk 2 Active, at-grade railroad crossing 0	В	IDE HAZARDS Lower	В	1
D PAVEMENT SURFACE Lower 1 NUMBER OF INTERSECTIONS WITH PUBLIC ROADS STOP controlled intersection 4 Signalized intersection 1 Roundabout or traffic circle 0 Crosswalk 2 Active, at-grade railroad crossing 0	C1	Lower Lower	C1	3
NUMBER OF INTERSECTIONS WITH PUBLIC ROADS STOP controlled intersection Signalized intersection Roundabout or traffic circle Crosswalk Active, at-grade railroad crossing Number of Occurrences 1 Romber of Occurrences 20 4 Crosswalk 2	C2	ET EXPOSURE Higher	C2	9
WITH PUBLIC ROADS Occurrences STOP controlled intersection 4 Signalized intersection 1 Roundabout or traffic circle 0 Crosswalk 2 Active, at-grade railroad crossing 0	D	ENT SURFACE Lower	D	1
Signalized intersection 1 Roundabout or traffic circle 0 Crosswalk 2 Active, at-grade railroad crossing 0		UDUO BOADO		
Roundabout or traffic circle 0 Crosswalk 2 Active, at-grade railroad crossing 0		OP controlled intersection 4		
Crosswalk Active, at-grade railroad crossing Roundabout or traffic circle 0 0 0		Signalized intersection 1		
Active, at-grade railroad crossing 0	E1	oundabout or traffic circle 0	E1	20
, 3		Crosswalk 2		
Sidestreet STOP-controlled or lane 4		at-grade railroad crossing 0		
		t STOP-controlled or lane 4		
NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS Occurrences	,	ACCECC PRIVENANCE		4.5
Left turn movements permitted 81	E2	urn movements permitted 81	E2	15
Right-in / Right-out only 0		Right-in / Right-out only 0		
E3 NUMBER OF INTERCHANGES Number of Occurrences 0	E3	FINIERCHANGES	E3	0
Number of interchanges along corridor 0		terchanges along corridor 0		
F ON-STREET PARKING Higher 9	F	EET PARKING Higher	F	9

Total Risk Score:	
64	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40 As determined by policy 50

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Version: 10-Apr-09

Name of Corridor:	Laverock Avenue							
Segment Evaluated:	Trayborn Drive			Bradstock Park				
Geographic Region:	Ontario	Ontario						
Road Agency:	City of Richmond Hill							
Road Classification:	Local	Length of C	orrido	or:	600	m		
Urban / Rural:	Urban	Design Spe Expressway, Hi	-	Required for Freeway,		km/h		
Divided / Undivided:	Undivided	Current Posted Speed: (For information only) Prevailing Speed: (85th Percentile - for information only) Policy: (Maximum Posted Speed)			50	km/h		
Major / Minor:					45	km/h		
# Through Lanes Per Direction:	1 lane				50	km/h		
·	RISK	Score						

Per L	Direction:		(Maximur
		RISK	Score
A1	GEOMETRY (Horizontal)	Lower	1
A2	GEOMETRY (Vertical)	Lower	1
А3	AVERAGE LANE WIDTH	Medium	4
В	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Higher	9
C2	CYCLIST EXPOSURE	Higher	9
D	PAVEMENT SURFACE	Lower	1
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
-4	STOP controlled intersection	2	
	Signalized intersection	0	
E1	Roundabout or traffic circle	0	3
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	5	
1	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	4-
E2	Left turn movements permitted	38	15
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	N/A	0

lotal RISK Score:	
44	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40 As determined by policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Automated Speed Limit Guidelines

FORM A - Automated Speed Limit Guidelines Spreadsheet

Version: 10-Apr-09

Name of Corridor:	Lucas Street						
Segment Evaluated:	Mill Street			Trayborn Avenue	born Avenue		
Geographic Region:	Ontario						
Road Agency:	City of Richmond Hill						
Road Classification:	Local	Length of Corridor:			770	m	
Urban / Rural:	Urban	Design Spe Expressway, H		Required for Freeway,		km/h	
Divided / Undivided:	Undivided	Current Posted Speed: (For information only) Provailing Speed:			50	km/h	
Major / Minor:					47	km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Pos	ted Spe	eed)	50	km/h	

L CI L	Direction:		(Maximui
		RISK	Score
A1	GEOMETRY (Horizontal)	Medium	2
A2	GEOMETRY (Vertical)	Lower	1
А3	AVERAGE LANE WIDTH	Medium	4
В	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Lower	3
C2	CYCLIST EXPOSURE	Medium	6
D	PAVEMENT SURFACE	Lower	1
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	4	
	Signalized intersection	0	
E1	Roundabout or traffic circle	0	3
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	ntersection 0 raffic circle 0 Crosswalk 0 ad crossing 0 Illed or lane 4	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	4-
E2	Left turn movements permitted	53	15
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Lower	3

Total Risk Score:

39

Recommended Posted Speed Limit (km/h):

As determined by road characteristics

As determined by policy
50

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.

Comments:

Lucas Street is a Community Safety Zone, established by By-law 14-21 and has an elementary/middle school (OM MacKillop PS). Total Risk Score of 39 is the upper limit for recommending 50 km/h. A risk score of 40 would result in a 40 km/h recommendation. Considering the full context, a speed limit of 40 km/h is recommended.



Version: 10-Apr-09

				•			•	·	
Name	of Corridor:	Montiel Road	Montiel Road						
Segm	ent Evaluated:	Driscoll Road			to) L	Laverock Avenue		
Geogr	raphic Region:	Ontario							
Road	Agency:	City of Richmond Hill							
Road	Classification:	Local		Length of Corridor:			r:	500	m
Urban	ı / Rural:	Urban		Design Speed: (Required for Freeway, Expressway, Highway)			equired for Freeway,		km/h
Divide	ed / Undivided:	Undivided		Current	Posted S	Spe	ed:	50	km/h
Major	/ Minor:				ng Speed	• *	45	km/h	
	ugh Lanes rection:	1 lane		Policy: (Maximum Posted S			• •	50	km/h
			RISK	Score					
A1	GEOMETR	Y (Horizontal)	Lower	1					
A2	GEOMETI	DV (Vertical)	Lower	1					

		DICT	O
		RISK	Score
A1	GEOMETRY (Horizontal)	Lower	1
A2	GEOMETRY (Vertical)	Lower	1
А3	AVERAGE LANE WIDTH	Medium	4
В	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Higher	9
C2	CYCLIST EXPOSURE	Higher	9
D	PAVEMENT SURFACE	Lower	1
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	2	
	Signalized intersection	0	
E1	Roundabout or traffic circle	0	1
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	0	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
E2	Left turn movements permitted	7	7
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Higher	9

Total Risk Score:	
43	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40 As determined by policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Version: 10-Apr-09

Name of Corridor:	Old ColonyRoad					
Segment Evaluated:	Yonge Street			Bayview Avenue		
Geographic Region:	Ontario					
Road Agency:	City of Richmond Hill					
Road Classification:	Collector	Length of Corridor:			2,065	m
Urban / Rural:	Urban	Design Spe Expressway, H		Required for Freeway,		km/h
Divided / Undivided:	Undivided	Current Post (For information		eed:	50	km/h
Major / Minor:	Minor	Prevailing Sp (85th Percentile		nformation only)	56	km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Pos	ted Spe	eed)	50	km/h

Per L	Direction:		(Maximun
		RISK	Score
A1	GEOMETRY (Horizontal)	Medium	2
A2	GEOMETRY (Vertical)	Lower	1
А3	AVERAGE LANE WIDTH	Medium	4
В	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Lower	3
C2	CYCLIST EXPOSURE	Lower	3
D	PAVEMENT SURFACE	Lower	1
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	4	
	Signalized intersection	2	
E1	Roundabout or traffic circle	0	17
	Crosswalk	4	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	15	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
E2	Left turn movements permitted	141	15
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Sidestreet STOP-controlled or lane MBER OF INTERSECTIONS PRIVATE ACCESS DRIVEWAYS Left turn movements permitted Right-in / Right-out only MBER OF INTERCHANGES 15 Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Higher	9

i otal Risk Score:	
56	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40 As determined by policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Version: 10-Apr-09

Name of Corridor:	Princeton Avenue						
Segment Evaluated:	Leslie Street			Redstone Road			
Geographic Region:	Ontario						
Road Agency:	City of Richmond Hill						
Road Classification:	Collector	Length of C	orrido	or:	560	m	
Urban / Rural:	Urban	Design Spe Expressway, Hi		Required for Freeway,		km/h	
Divided / Undivided:	Undivided	Current Post		eed:	50	km/h	
Major / Minor:	Minor	· .	Prevailing Speed: (85th Percentile - for information only)		54	km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Spe		• •	50	km/h	
	DICK	Coore					

Per [Direction:		(Maximun
		RISK	Score
A 1	GEOMETRY (Horizontal)	Lower	1
A2	GEOMETRY (Vertical)	Lower	1
А3	AVERAGE LANE WIDTH	Medium	4
В	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Lower	3
C2	CYCLIST EXPOSURE	Higher	9
D	PAVEMENT SURFACE	Lower	1
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	1	
	Signalized intersection	1	
E1	Roundabout or traffic circle	0	15
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	2	
1	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	4.5
E2	Left turn movements permitted	54	15
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Higher	9

Total Risk Score:	
59	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40 As determined by policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Version: 10-Apr-09

Name of Corridor:	Tampico Road						
Segment Evaluated:	Driscoll Road			Laverock Avenue			
Geographic Region:	Ontario						
Road Agency:	City of Richmond Hill						
Road Classification:	Local	Length of Corridor:			500	m	
Urban / Rural:	Urban	Design Spe Expressway, Hi	eed: (Required for Freeway,			km/h	
Divided / Undivided:	Undivided	Current Posted Speed: (For information only)	eed:	50	km/h		
Major / Minor:		Prevailing Speed: (85th Percentile - for inform		iformation only)	45	km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Post		• •	50	km/h	

		51217		
		RISK	Score	
A 1	GEOMETRY (Horizontal)	Lower	1	
A2	GEOMETRY (Vertical)	Lower	1	
А3	AVERAGE LANE WIDTH	Medium	4	
В	ROADSIDE HAZARDS	Lower	1	
C1	PEDESTRIAN EXPOSURE	Higher	9	
C2	CYCLIST EXPOSURE	Higher	9	
D	PAVEMENT SURFACE	Lower	1	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	1	
	STOP controlled intersection	2		
	Signalized intersection	0		
E1	Roundabout or traffic circle	0		
	Crosswalk	0		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	0		
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	8	
E2	Left turn movements permitted	8		
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences 0		
	Number of interchanges along corridor	0		
F	ON-STREET PARKING	Higher	9	

Total Risk Score:	
44	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40

> As determined by policy 50

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Version: 10-Apr-09

Name of Corridor:	Toporowski Avenue						
Segment Evaluated:	Leslie Street		to	Melbourne Drive			
Geographic Region:	Ontario						
Road Agency:	City of Richmond Hill						
Road Classification:	Collector	Length of Corridor:		or:	870	m	
Urban / Rural:	Urban	Design Speed: (Required for Freeway, Expressway, Highway)				km/h	
Divided / Undivided:	Undivided	Current Posted Speed: (For information only)			50	km/h	
Major / Minor:	Minor	Prevailing Speed: (85th Percentile - for information only) Policy: (Maximum Posted Speed)		nformation only)	54	km/h	
# Through Lanes Per Direction:	1 lane			eed)	50	km/h	
	RISK	Score					

Leir	Direction.		(iviaxiiiiui	
		RISK	Score	
A 1	GEOMETRY (Horizontal)	Lower	1	
A2	GEOMETRY (Vertical)	Lower	1	
А3	AVERAGE LANE WIDTH	Medium	4	
В	ROADSIDE HAZARDS	Lower	1	
C1	PEDESTRIAN EXPOSURE	Lower	3	
C2	CYCLIST EXPOSURE	Higher	9	
D	PAVEMENT SURFACE	Lower	1	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	18	
	STOP controlled intersection	3		
	Signalized intersection	0		
E1	Roundabout or traffic circle	0		
	Crosswalk	1		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	6		
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences		
E2	Left turn movements permitted	97	15	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
	Number of interchanges along corridor	0		
F	ON-STREET PARKING	Medium	6	

Total Risk Score:	
59	

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 40 As determined by policy 50

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.