



Automated Speed Limit Guidelines

FORM A - Automated Speed Limit Guidelines Spreadsheet

Version:
10-Apr-09

Name of Corridor:	Briggs Avenue		
Segment Evaluated:	Bayview Avenue	to	Blackmore Avenue
Geographic Region:	Ontario		
Road Agency:	City of Richmond Hill		
Road Classification:	Collector	Length of Corridor:	965 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)	54 km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50 km/h

		RISK	Score
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
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	17
	STOP controlled intersection	2	
	Signalized intersection	1	
	Roundabout or traffic circle	0	
	Crosswalk	1	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	7	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	69	
	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.

Comments:



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Name of Corridor:	Driscoll Road			
Segment Evaluated:	Lucas Street	to	Bradstock Park	
Geographic Region:	Ontario			
Road Agency:	City of Richmond Hill			
Road Classification:	Local	Length of Corridor:	500	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:		Prevailing Speed: (85th Percentile - for information only)	45	km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50	km/h

		RISK	Score
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
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	2
	STOP controlled intersection	1	
	Signalized intersection	0	
	Roundabout or traffic circle	0	
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	2	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	27	
	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

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

Comments:



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Name of Corridor:	Estate Garden Drive			
Segment Evaluated:	Snowy Meadow Avenue (East Leg)	to	Westerly Limit of Estate Garden Drive	
Geographic Region:	Ontario			
Road Agency:	City of Richmond Hill			
Road Classification:	Local	Length of Corridor:	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:		Prevailing Speed: (85th Percentile - for information only)	53	km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50	km/h

		RISK	Score
A1	GEOMETRY (Horizontal)	Medium	2
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
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	3
	STOP controlled intersection	0	
	Signalized intersection	1	
	Roundabout or traffic circle	0	
	Crosswalk	1	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	3	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	117	
	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

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

Comments:



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Name of Corridor:	Forest Ridge Road			
Segment Evaluated:	Bayview Avenue	to	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 Posted Speed: (For information only)	50	km/h
Major / Minor:		Prevailing Speed: (85th Percentile - for information only)	41	km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50	km/h

		RISK	Score
A1	GEOMETRY (Horizontal)	Medium	2
A2	GEOMETRY (Vertical)	Lower	1
A3	AVERAGE LANE WIDTH	Medium	4
B	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Medium	6
C2	CYCLIST EXPOSURE	Higher	9
D	PAVEMENT SURFACE	Lower	1
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	1
	STOP controlled intersection	1	
	Signalized intersection	0	
	Roundabout or traffic circle	0	
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	1	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	41	
	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

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

Comments:



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Name of Corridor:	Greenhill Avenue			
Segment Evaluated:	Leslie Street	to	Clarendon Drive	
Geographic Region:	Ontario			
Road Agency:	City of Richmond Hill			
Road Classification:	Collector	Length of Corridor:	500	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)	54	km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50	km/h

		RISK	Score
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
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	15
	STOP controlled intersection	1	
	Signalized intersection	1	
	Roundabout or traffic circle	0	
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	0	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	24	
	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

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As determined by policy

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

Comments:



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Name of Corridor:	Kignshill Road			
Segment Evaluated:	Bathurst Street	to	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)		km/h
Divided / Undivided:	Undivided	Current Posted Speed: (For information only)	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 Speed)	50	km/h

		RISK	Score
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	Medium	6
D	PAVEMENT SURFACE	Lower	1
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	38
	STOP controlled intersection	2	
	Signalized intersection	2	
	Roundabout or traffic circle	0	
	Crosswalk	2	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	11	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	127	
	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

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As determined by policy

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

Comments:



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Name of Corridor:	Larratt Lane			
Segment Evaluated:	Elgin Mills Road West	to	Shaftsbury Avenue	
Geographic Region:	Ontario			
Road Agency:	City of Richmond Hill			
Road Classification:	Collector	Length of Corridor:	1,205	m
Urban / Rural:	Urban	Design Speed: (Required for Freeway, Expressway, Highway)	60	km/h
Divided / Undivided:	Undivided	Current Posted Speed: (For information only)	50	km/h
Major / Minor:	Minor	Prevailing Speed: (85th Percentile - for information only)	55	km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50	km/h

		RISK	Score
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
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	20
	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	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	81	
	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:

64

Recommended Posted
Speed Limit (km/h):

As determined by road characteristics

40

As determined by policy

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

Comments:



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Name of Corridor:	Laverock Avenue		
Segment Evaluated:	Trayborn Drive	to	Bradstock Park
Geographic Region:	Ontario		
Road Agency:	City of Richmond Hill		
Road Classification:	Local	Length of Corridor:	600 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:		Prevailing Speed: (85th Percentile - for information only)	45 km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50 km/h

		RISK	Score
A1	GEOMETRY (Horizontal)	Lower	1
A2	GEOMETRY (Vertical)	Lower	1
A3	AVERAGE LANE WIDTH	Medium	4
B	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Higher	9
C2	CYCLIST EXPOSURE	Higher	9
D	PAVEMENT SURFACE	Lower	1
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	3
	STOP controlled intersection	2	
	Signalized intersection	0	
	Roundabout or traffic circle	0	
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	5	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	38	
	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

Total Risk Score:

44

Recommended Posted
Speed Limit (km/h):

As determined by road characteristics

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As determined by policy

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

Comments:



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Name of Corridor:	Lucas Street			
Segment Evaluated:	Mill Street	to	Trayborn Avenue	
Geographic Region:	Ontario			
Road Agency:	City of Richmond Hill			
Road Classification:	Local	Length of Corridor:	770	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:		Prevailing Speed: (85th Percentile - for information only)	47	km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50	km/h

		RISK	Score
A1	GEOMETRY (Horizontal)	Medium	2
A2	GEOMETRY (Vertical)	Lower	1
A3	AVERAGE LANE WIDTH	Medium	4
B	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Lower	3
C2	CYCLIST EXPOSURE	Medium	6
D	PAVEMENT SURFACE	Lower	1
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	3
	STOP controlled intersection	4	
	Signalized intersection	0	
	Roundabout or traffic circle	0	
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	4	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	53	
	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

50

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.



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Name of Corridor:	Montiel Road			
Segment Evaluated:	Driscoll Road	to	Laverock Avenue	
Geographic Region:	Ontario			
Road Agency:	City of Richmond Hill			
Road Classification:	Local	Length of Corridor:	500	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:		Prevailing Speed: (85th Percentile - for information only)	45	km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50	km/h

		RISK	Score
A1	GEOMETRY (Horizontal)	Lower	1
A2	GEOMETRY (Vertical)	Lower	1
A3	AVERAGE LANE WIDTH	Medium	4
B	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Higher	9
C2	CYCLIST EXPOSURE	Higher	9
D	PAVEMENT SURFACE	Lower	1
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	1
	STOP controlled intersection	2	
	Signalized intersection	0	
	Roundabout or traffic circle	0	
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	0	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	7
	Left turn movements permitted	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

50

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

Comments:



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Name of Corridor:	Old ColonyRoad		
Segment Evaluated:	Yonge Street	to	Bayview Avenue
Geographic Region:	Ontario		
Road Agency:	City of Richmond Hill		
Road Classification:	Collector	Length of Corridor:	2,065 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)	56 km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50 km/h

		RISK	Score
A1	GEOMETRY (Horizontal)	Medium	2
A2	GEOMETRY (Vertical)	Lower	1
A3	AVERAGE LANE WIDTH	Medium	4
B	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Lower	3
C2	CYCLIST EXPOSURE	Lower	3
D	PAVEMENT SURFACE	Lower	1
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	17
	STOP controlled intersection	4	
	Signalized intersection	2	
	Roundabout or traffic circle	0	
	Crosswalk	4	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	15	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	141	
	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:

56

Recommended Posted
Speed Limit (km/h):

As determined by road characteristics

40

As determined by policy

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

Comments:



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Name of Corridor:	Princeton Avenue			
Segment Evaluated:	Leslie Street	to	Redstone Road	
Geographic Region:	Ontario			
Road Agency:	City of Richmond Hill			
Road Classification:	Collector	Length of Corridor:	560	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)	54	km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50	km/h

		RISK	Score
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
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	15
	STOP controlled intersection	1	
	Signalized intersection	1	
	Roundabout or traffic circle	0	
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	2	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	54	
	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

50

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

Comments:



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Name of Corridor:	Tampico Road		
Segment Evaluated:	Driscoll Road	to	Laverock Avenue
Geographic Region:	Ontario		
Road Agency:	City of Richmond Hill		
Road Classification:	Local	Length of Corridor:	500 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:		Prevailing Speed: (85th Percentile - for information only)	45 km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50 km/h

		RISK	Score
A1	GEOMETRY (Horizontal)	Lower	1
A2	GEOMETRY (Vertical)	Lower	1
A3	AVERAGE LANE WIDTH	Medium	4
B	ROADSIDE HAZARDS	Lower	1
C1	PEDESTRIAN EXPOSURE	Higher	9
C2	CYCLIST EXPOSURE	Higher	9
D	PAVEMENT SURFACE	Lower	1
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	1
	STOP controlled intersection	2	
	Signalized intersection	0	
	Roundabout or traffic circle	0	
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	0	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	8
	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.

Comments:



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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:	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)	54	km/h
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)	50	km/h

		RISK	Score
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
E1	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	18
	STOP controlled intersection	3	
	Signalized intersection	0	
	Roundabout or traffic circle	0	
	Crosswalk	1	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	6	
E2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	15
	Left turn movements permitted	97	
	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.

Comments: