

Automated Speed Limit Guidelines FORM A - Automated Speed Limit Guidelines Spreadsheet

Version:

Name of Corridor:	Berwick Crescent								
Segment Evaluated:	16th Avenue			Berwick Crescent					
Geographic Region:	Ontario								
Road Agency:	City of Richmond Hill								
Road Classification:	Local	Length of Corridor: Design Speed: (Required for Freeway, Expressway, Highway)			965	m			
Urban / Rural:	Urban					km/h			
Divided / Undivided:	Undivided	Current Posted Speed: (For information only)		eed:	50	km/h			
Major / Minor:	Minor	Prevailing Speed: (85th Percentile - for information only)				km/h			
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Pos	ted Spe	ed)	50	km/h			

		RISK	Score	
A1	GEOMETRY (Horizontal)	Higher	3	
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		
l	Signalized intersection	1	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	4.5	
E2	Left turn movements permitted	127	15	
Ш	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
Ш	Number of interchanges along corridor	0		
F	ON-STREET PARKING	Higher	9	

Total Risk Score:

Recommended Posted Speed Limit (km/h):

As determined by road characteristics 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.

Comments:

Berwick Cr @ Berwick Cr counted as a STOP controlled

Access to townhouses counted as a driveway.



Number of interchanges along corridor

ON-STREET PARKING

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Nam	e of Corridor:	Pemberton Road									
Segr	ment Evaluated:	Bathurst Street		to Wainwright Avenue							
Geo	graphic Region:										
Roa	d Agency:	City of Richmond Hi	II								
Roa	Road Classification: Local			Length	of C	orrid	or:		1,080		m
Urba	an / Rural:	Urban					Required for Free	way,			km/h
Divid	ded / Undivided:	Undivided		Expressv Current	Poste	ed Sp			50		km/h
Maio	or / Minor:	Minor		(For infor Prevaili	ng Sp	eed:					km/h
# Th	rough Lanes	1 lane		Policy:			nformation only)		50		km/h
Per [Per Direction:		RISK	(Maximur Score	n Post	ed Sp	eed)				KITETT
A4	CEOMETR	Y (Horizontal)	Lower	1							
A1	GEOWIETK	1 (Horizontal)	Lower	<u>'</u>							
A2	GEOMETRY (Vertical)		Lower	1							
А3	A3 AVERAGE LANE WIDTH		Medium	4					Total Risk Sco	ore:	
В	ROADSID	E HAZARDS	Lower	1					45		
C1	PEDESTRIA	N EXPOSURE	Lower	3							
C2	CYCLIST	EXPOSURE	Higher	9							
D	PAVEMEN	T SURFACE	Lower	1					Recommended F Speed Limit (kr		
П		NTERSECTIONS BLIC ROADS	Number of Occurrences					Asd	letermined by road c	haracteri	stics
1 1	STOP	controlled intersection	3						40		
		Signalized intersection	0						40		
E1	Rou	Roundabout or traffic circle (1					As determined by	policy	ı
		Crosswalk	0						50		
	Active, at-grade railroad crossing		0								
\vdash	Sidestreet STOP-controlled or lane		2						ded posted speed limit ma t the prevailing speeds of		
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS		Number of Occurrences			roadway and the road's safety performance.					
E2	Left turn	movements permitted	96	15		Comments:					
	F	Right-in / Right-out only	0								
E3	NUMBER OF I	NTERCHANGES	Number of Occurrences	0							

0

Higher



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Nan	ne of Corridor:	Puccini Drive/Poplar	r Drive					
Seg	ment Evaluated:	Bathurst Street			to Parker Avenue			
Geo	graphic Region:	Ontario						
Roa	d Agency:	City of Richmond Hi	II					
Roa	Road Classification: Local			Length of Corridor:			1,430	m
Urba	Urban / Rural: Urban			Design Speed: (Required for Freeway, Expressway, Highway)				km/h
Divid	Divided / Undivided: Undivided			Current	Posted Sp mation only)		50	km/h
Majo	or / Minor:	Major		Prevailing Speed: (85th Percentile - for information only)			43	km/h
	rough Lanes Direction:	1 lane		Policy: (Maximum Posted Speed)		50	km/h	
			RISK	Score	<u></u>			
A1	GEOMETR	GEOMETRY (Horizontal) Medium						
A2	A2 GEOMETRY (Vertical) Lower		1					
A3 AVERAGE LANE WIDTH			Medium	4			Total Risk Sco	re:

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	2		
l	Signalized intersection	0		
E1	Roundabout or traffic circle	0	2	
	Crosswalk	0		
ΙI	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	9		
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	45	
E2	Left turn movements permitted	99	15	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
Щ	Number of interchanges along corridor	0		
F	ON-STREET PARKING	Higher	9	

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:



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Name of Corridor:	Rothbury Road							
Segment Evaluated:	Brookside Road			Gamble Road	ad			
Geographic Region:	Ontario							
Road Agency:	City of Richmond Hill							
Road Classification:	Collector	Length of C	orrido	or:	1,190	m		
Urban / Rural:	Urban	Design Spe Expressway, Hi		equired for Freeway,		km/h		
Divided / Undivided:	Undivided	Current Post (For information		eed:	50	km/h		
Major / Minor:	Minor	Prevailing Sp (85th Percentile		formation only)	51	km/h		
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)			50	km/t		
RISK Score								

		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	3			
l	Signalized intersection	0			
E1	Roundabout or traffic circle	1	13		
	Crosswalk	0			
П	Active, at-grade railroad crossing	0			
	Sidestreet STOP-controlled or lane	4			
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	45		
E2	Left turn movements permitted	88	15		
	Right-in / Right-out only	0			
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0		
Ш	Number of interchanges along corridor	0			
F	ON-STREET PARKING	Higher	9		

Total Risk Score:
55
Recommended Posted Speed Limit (km/h):
As determined by road characteristic
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.
ts:



Right-in / Right-out only

NUMBER OF INTERCHANGES

ON-STREET PARKING

Number of interchanges along corrido

0 Number of

Occurrences

Medium

0

6

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	7111	FORI	M A - Automate			idelines Spreads	heet 10-Apr		
Nan	ne of Corridor:	Sandbanks Drive							
Seg	ment Evaluated:	Nantucket Drive			to Bayview Park Lane				
Geo	graphic Region:	Ontario				•			
Roa	Road Agency: City of Richmond Hill								
Roa	Road Classification: Local			Length	of Corrid	or:	650	m	
Urba	an / Rural:	Urban				Required for Freeway,		km/h	
Divi	ded / Undivided:	Undivided		Current	vay, Highway Posted Sp	eed:	50	km/h	
Maio	or / Minor:	Major		Prevaili	mation only) ng Speed:		55	km/h	
# Th	# Through Lanes			Policy:		nformation only)	50	km/h	
Per l	Per Direction:		RISK	(Maximus Score	m Posted Sp	eed)	00	KIIIVII	
					I				
A1	GEOMETR	(Y (Horizontal)	Higher	3					
A2			Medium	2					
А3			Medium	4			Total Risk Score:		
В	ROADSID	E HAZARDS	Lower	1			42	1	
C1	PEDESTRIA	N EXPOSURE	Lower	3					
C2	CYCLIST	EXPOSURE	Medium	6					
D	PAVEMEN	IT SURFACE	Lower	1			Recommended Posted Speed Limit (km/h):		
		NTERSECTIONS BLIC ROADS	Number of Occurrences			As	determined by road character	ristics	
	STOP	controlled intersection	2				40	1	
		Signalized intersection	0				40		
E1	Rou	ındabout or traffic circle	0	1			As determined by policy	_	
		Crosswalk	0				50		
	Active, at-grade railroad crossing		0				00	_	
$ldsymbol{ld}}}}}}$	Sidestreet S	STOP-controlled or lane	1				nded posted speed limit may be		
		NTERSECTIONS CCESS DRIVEWAYS	Number of Occurrences	45			est the prevailing speeds of the he road's safety performance.		
E2	Left turn	n movements permitted	40	15	Con	nments:			