

LEVEL 1 - Trouble Spots:

Sites identified by the PAC members as having the greatest potential for student safety incidents

Sites Identified with potential Student Safety concerns	Risk Level *	Action Plan
Crosswalk on Citadel Drive is unsafe. (Crosswalk "A")	High Risk of significant student injury or death	TBD
Crosswalk on school driveway (parallel Citadel Drive) is unsafe (Crosswalk "B")	High Risk of significant student injury or death	TBD
Crosswalk over staff parking lot entrance is unsafe (Crosswalk "C")	Medium ? Risk of injury or death as vehicles are usually moving slowly and are not suddenly accelerating?	TBD
Students crossing driveway between vehicles in round-about.	Medium ? Risk of injury or death as vehicles are usually moving slowly and are not suddenly accelerating?	TBD

* assuming that student safety is a significant priority for **all** identified issues, however some sites are more risky than others

LEVEL 2 - Contributing Issues:

Issues identified by PAC members as some of the causes for the Level 1 Trouble Spots

(NOTE: Issues in this section are not listed in any specific order)

Contributing Issue	Catgeory	Caused by	Potential Solution
Vehicles backed up Citadel drive facing toward Pitt River road. Blocking main artery and causing vehicles to go around through xwalk "A" (often to the right in parking lane)	General congestion:	<ul style="list-style-type: none"> • Left turns into the school • Round-about congestion. ? 	<ul style="list-style-type: none"> • Reduce left turns into the school • Reduce congestion in round-about • Restrict vehicles that are allowed to be in the driveway and round-about
Vehicles backed up Citadel drive facing toward citadel heights. Blocking main artery and causing vehicles to go around through xwalk "A" (often in opposing lane)	General congestion	<ul style="list-style-type: none"> • Round-about congestion. • Driveway entrance blocked by vehicles turning left out of school, preventing citadel traffic from entering driveway 	<ul style="list-style-type: none"> • Reduce congestion in round-about • Reduce left turns out of the school • Restrict vehicles that are allowed to be in the driveway and round-about
Vehicles "darting" through breaks in traffic and pedestrians. (In and out of school driveway)	General congestion	<ul style="list-style-type: none"> • Citadel Congestion 	<ul style="list-style-type: none"> • Reduce left turns into and out of the school • Meter pedestrians in xwalk "A" (group vs trickle)
Vehicles parking on xwalk "A" on citadel	Enforcement	<ul style="list-style-type: none"> • Driver apathy 	<ul style="list-style-type: none"> • Intermittent enforcement • Education
Vehicles parking on xwalk "B" at entrance	Round-about congestion	<ul style="list-style-type: none"> • Round-about congestion • Left turns into school 	<ul style="list-style-type: none"> • Reduce congestion in round-about • Reduce left turns into the school • Restrict vehicles that are allowed to be in the driveway and round-about
Congestion in round-about	Round-about congestion	<ul style="list-style-type: none"> • Thru lane being blocked • Vehicles not going to end of drop-off zone. (stopping in front of door) • Vehicles waiting in drop-off zone (and down driveway) 	<ul style="list-style-type: none"> • Reduce congestion in round-about

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Contributing Issue	Catgeory	Caused by	Potential Solution
Parents dropping off Citadel students in Hazel staff parking lot	?	<ul style="list-style-type: none"> • This may be closer for some people? • Students at 2 schools? • Hazel congestion? 	<ul style="list-style-type: none"> • ? Refer to Hazel PAC? Further info? • Education? • Coordination with Hazel via Tracy Smith
Vehicles parked in Staff parking area	Round-about congestion	<ul style="list-style-type: none"> • Lack of “waiting” area • Taxi’s seen waiting there? 	<ul style="list-style-type: none"> • Signage? • Education?
Field of vision to crosswalk “A”	Traffic Safety Changes	<ul style="list-style-type: none"> • Does “Citadel Heights” sign block vision for cars exiting driveway? • Is No stopping zone ineffective? Or does it need to be modified. 	<ul style="list-style-type: none"> • Needs study?
Parking in bus zone (Note: bus zone in both directions on citadel).	Enforcement	<ul style="list-style-type: none"> • Non-awareness of bus zone ? • Driver apathy 	<ul style="list-style-type: none"> • Intermittent enforcement • Education • Study: is Signage adequate
Impact of new development	General congestion	<ul style="list-style-type: none"> • TBD 	TBD. School traffic flow needs to be part of traffic study for new development.
Taxi’s access needed to staff lot entrance. Taxi’s arrive mixed in with general vehicles but cross into staff parking area	General congestion	<ul style="list-style-type: none"> • Taxi access must be maintained for specific student sub-populations 	<ul style="list-style-type: none"> • Do we need to mark Taxi area? • Taxi diversion to a different area? • Drivers need to let Taxi’s through
Speeding along citadel in 30 zone and passing at xwalk? Etc	Enforcement	<ul style="list-style-type: none"> • Non-awareness of school zone • Driver apathy 	<ul style="list-style-type: none"> • Intermittent enforcement • Education
Drivers not careful in xwalk and school zone.	Education	<ul style="list-style-type: none"> • Non-awareness of school zone? • Driver apathy 	<ul style="list-style-type: none"> • Signage • Education
Student Awareness of xwalk and school zone “Safe Paths”	Education	<ul style="list-style-type: none"> • No sidewalk on citadel heights side of driveway. Students may not feel safe using rough angular path. 	<ul style="list-style-type: none"> • Divert students away from xwalk “A” by improving angular path. (how many actually use xwalk “B”?) • Education

LEVEL 3 – Potential Solutions (Detail) :

Detail on Solutions identified by PAC members that may help Level 2 Issues

Potential Solution	What to Do to implement?	Funding \$	Action by	Status
Safe to Schools Program	Engage City council committee for roadway improvement potential.	Free	Glenda Speight and Anne Pynenburg from the Engineering Dept City of Port Coquitlam to coordinate meeting. PAC to send representation	List of issues to be sent to Anne. May need to wait until post election for city committee meeting. TBD
Angular path	Improvements to existing rough path	SD43?	TBD	TBD from PAC traffic safety committee that this is something to be pursued
Physically Limit driveway entry/exit to “right in” and “right out” 24/7	Driveway exit needs Rounded corners and “pork chop” median to guide traffic	SD43? / City?	TBD	TBD from PAC traffic safety committee that this is something to be pursued
Regulatory Limit driveway entry/exit to “right in” and “right out” during school hours	<ul style="list-style-type: none"> • Signs on school property. • Signs on city property • Education campaign • Intermittent enforcement “illegal left” by RCMP 	City?	TBD	TBD from PAC traffic safety committee that this is something to be pursued
Enforcement of existing moving violation regulations	<ul style="list-style-type: none"> • Intermittent enforcement speeding. • Speed watch 	RCMP?	TBD	TBD from PAC traffic safety committee that this is something to be pursued
Enforcement of existing bylaw, xwalk and no-stopping regulations	<ul style="list-style-type: none"> • Intermittent enforcement • Cones blocking xwalk parking on citadel • Signage 	City? RCMP	TBD	TBD from PAC traffic safety committee that this is something to be pursued

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Potential Solution	What to Do to implement?	Funding \$	Action by	Status
Education (Parent and Student)	<ul style="list-style-type: none"> • Newsletter? • Awareness campaign? • Student involvement? 		TBD	TBD from PAC traffic safety committee that this is something to be pursued
Physical lane barrier for Vehicles going around congested traffic by going into opposing lane	<ul style="list-style-type: none"> • Orange post delineators • Relieve congestion so this is not an issue 		TBD	TBD from PAC traffic safety committee that this is something to be pursued
Xwalk “awareness” and visibility	<ul style="list-style-type: none"> • Signage • Curb bulge with taper • Better marking of no stopping zones 		TBD	TBD from PAC traffic safety committee that this is something to be pursued
Meter pedestrians in xwalk “A”	<ul style="list-style-type: none"> • Pedestrian activated signal 		TBD	TBD from PAC traffic safety committee that this is something to be pursued
Student path alternative to crossing driveway xwalk “B”	<ul style="list-style-type: none"> • Redirect students • Remove xwalk paint on driveway so students don’t have a false sense of security. 		TBD. Study? Do students actually cross here? Or do they use the rough angular path. Will fixing the angular path reduce pedestrian traffic crossing at the end of the driveway?	TBD from PAC traffic safety committee that this is something to be pursued
Reduce congestion in round-about	<ul style="list-style-type: none"> • School staff directing traffic to “pull forward” • Directing traffic re: thru-lane (no stopping) • Directing taxi’s thru waiting vehicles • Narrowing round-about entry to single line in (noted by Glenda that it is too wide in some areas) Cones limiting 		TBD	TBD from PAC traffic safety committee that this is something to be pursued

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Potential Solution	What to Do to implement?	Funding \$	Action by	Status
	lanes?			
Restrict vehicles that are allowed to be in the driveway and round-about	<ul style="list-style-type: none"> Close driveway access except for certain vehicles? (taxi, disabled students, etc) How? Is this practical? 		TBD	TBD from PAC traffic safety committee that this is something to be pursued

