

Intersection	Controls	Hazard problems	Solutions
<p data-bbox="142 240 894 269"><b>Ikwikws</b> (intersection with Welch separate from Spirit Trail crossing)</p> 	<ul data-bbox="1083 245 1310 545" style="list-style-type: none"> <li>• 30km/h posted on Ikwikws north of crossing</li> <li>• Marked pedestrian crossing on Welch west side</li> <li>• 'Private Property' sign south of crossing</li> </ul>	<p data-bbox="1310 240 1566 302">Approach from south subject to 50km/h limit</p>	<p data-bbox="1608 240 1940 464">Place 30km/h speed limit sign south of crossing; Place 'Yield to Pedestrians and Bikes' sign on Welch west and east-bound</p> 
	<ul data-bbox="1083 558 1310 652" style="list-style-type: none"> <li>• Elephants feet marking w/Spirit Trail crossing</li> </ul>	<p data-bbox="1310 558 1566 620">Unsigned right of way priority*</p>	<p data-bbox="1608 558 1940 652">Stop line and sign on Ikwikws north of crossing; Ped/bike crossing signs; green paint</p>
		<p data-bbox="1310 662 1583 756">Limited sight distance to/from Ikwikws; vehicle creep</p>	<p data-bbox="1608 662 1940 756">Remove embankment and fencing adjoining inter-section; control vegetation</p>
	<ul data-bbox="1083 766 1310 828" style="list-style-type: none"> <li>• Two bollards on each ST approach</li> </ul>	<p data-bbox="1310 766 1520 828">Narrow clearances between bollards</p>	<p data-bbox="1608 766 1797 795">Use single bollard</p>
<p data-bbox="142 889 327 919"><b>Mathias/Welch</b></p> 	<ul data-bbox="1083 893 1310 954" style="list-style-type: none"> <li>• Stop sign and line on Mathias</li> </ul>	<p data-bbox="1310 889 1608 984">Limited sight distance to/from Mathias from east; vehicle creep</p>	<p data-bbox="1608 889 1940 984">Reduce embankment on east side adjoining intersection; control vegetation</p>
		<p data-bbox="1310 1016 1587 1078">Turning movements from Welch</p>	<p data-bbox="1608 1016 1940 1110">'Yield to Pedestrians and Bicycles' signs on Welch west and east-bound</p>
	<ul data-bbox="1083 1130 1310 1224" style="list-style-type: none"> <li>• Elephants feet marking w/Spirit Trail crossing</li> </ul>	<p data-bbox="1310 1130 1566 1192">No posted speed limit</p>	<p data-bbox="1608 1130 1877 1159">30km/h speed limit sign</p>
	<ul data-bbox="1083 1260 1310 1354" style="list-style-type: none"> <li>• Two bollards on each approach to crossing</li> </ul>	<p data-bbox="1310 1195 1566 1256">Unsigned right of way priority*</p>	<p data-bbox="1608 1195 1940 1256">Ped/bike crossing signs; green paint</p>
		<p data-bbox="1310 1260 1520 1321">Narrow clearances between bollards</p>	<p data-bbox="1608 1260 1797 1289">Use single bollard</p>

**Spirit Trail along Welch St - Intersection Hazards**

### Lower Capilano/Welch



<ul style="list-style-type: none"> <li>● Signalized all legs w/delayed turn from Welch left turn slot.</li> </ul>		
<ul style="list-style-type: none"> <li>● Ped/Bike signal</li> </ul>	Countdown not working. Eastbound push button reportedly disconnected	Repair signals
<ul style="list-style-type: none"> <li>● “Yield to bikes and Pedestrians” sign on right turn from Welch</li> </ul>		
<ul style="list-style-type: none"> <li>● Elephants feet marking w/Spirit Trail crossing</li> </ul>	Markings badly eroded. Unsigned right of way priority*	Repaint markings (green) Ped/bike crossing signs
<ul style="list-style-type: none"> <li>● One bollard on west side; two bollards on east side</li> </ul>	Misaligned path Narrow clearances between east side bollards	Use single bollard on both approaches

### Whoanoak



<ul style="list-style-type: none"> <li>● Stop sign and line on Whoanoak north of crossing</li> </ul>	Limited sight distance to/from Whoanoak from east; vehicle creep	Reduce embankment on east side adjoining intersection; control vegetation
<ul style="list-style-type: none"> <li>● 30km/h posted on Whoanoak north of crossing</li> </ul>	Turning movements from Welch in 50km/h zone	‘Yield to Pedestrians and Bicycles’ signs on Welch west/eastbound
<ul style="list-style-type: none"> <li>● Elephants feet marking w/Spirit Trail crossing</li> </ul>	Unsigned right of way priority*	Ped/bike crossing signs; green paint
<ul style="list-style-type: none"> <li>● Bollards</li> </ul>	Narrow clearances between bollards	Use single bollard, consistent with DNV standard

**Note:** \* Cyclists not legally allowed to ride in the crosswalks, even with elephants feet, unless signed or included in a municipal bylaw permitting cyclists to ride in crosswalks with elephant feet.