

SCHOOL CROSSING PATROL (SCP) CRITERIA COUNT

School	Park Grove Primary	Survey Location	Lowther Street adjacent to rear school entrance
Surveyor	Jayne Ward	Date	Tuesday 24/02/2015
Time Period	0830 to 0900hrs	Weather	Overcast

Total child pedestrians (P) crossing within 50m of the survey location during the peak half hour	40
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Vehicle Type	PCU* Value	Count	Equivalent PCUs
Private Car / Light Goods Vehicle (<3.5T)	1	198	198
Motorcycle	½	2	1
Cycle	1/3	6	2
MGV** (3.5 - 7.5T)	2	3	6
HGV*** (>7.5T)	3	2	6
Total PCUs (V)			213

The crossing assessment is based on the PV^2 value

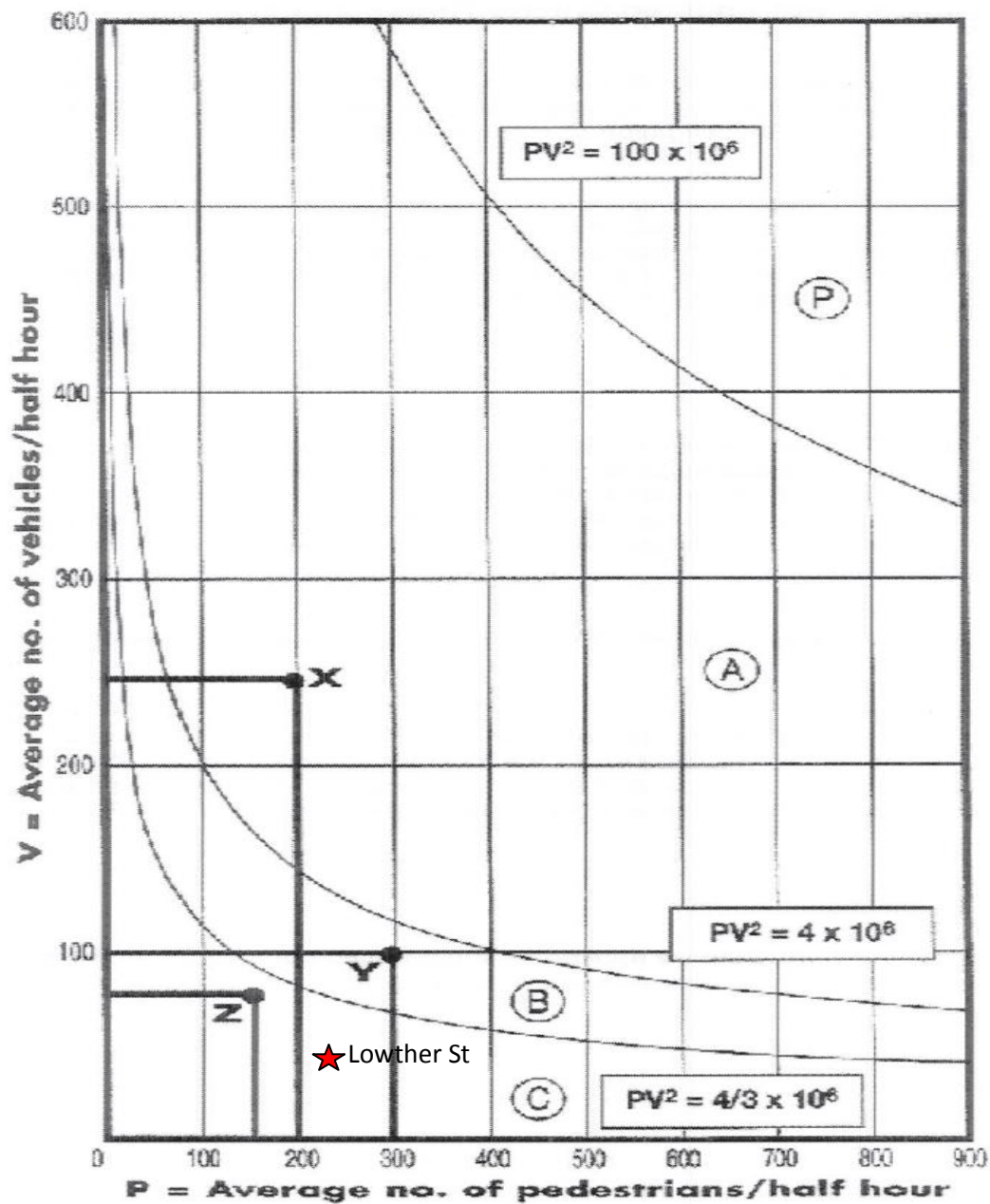
$$\text{Lowther Street } PV^2 = 40 \times (213)^2 = 1814760$$

This figure falls far short of the 4 million PV^2 value that the national guidelines recommend that a SCP site be established.

Looking at Chart 1 over the page, which is extracted from the SCP Guidelines, this count falls in to area C which means that a SCP is definitely not justified at initial assessment and that Part 4 of the assessment guidelines should only be used to verify the position in exceptional circumstances. Part 4 of the SCP guidelines deals with adjustment factors and takes into account factors affecting the crossing environment, traffic speed, pedestrian accident figures and the age of the children crossing.

*Passenger Car Units, **Medium Goods Vehicle, ***Heavy Goods Vehicle

Chart 1 : Taken from the SCP Guidelines (Sept 2016)



For completeness the site has been put through the Part 4 process and applying the relevant adjustment factors this site adds a total of seven factors, made up of the following:

- Obstruction of sightlines of approaching drivers by parking bay and street furniture (+1)
- Site on a minor road within 20m of a junction (+1)
- Age factor – children up to 11 years of age (+5)

The guidelines indicate that a total of seven factors would give a multiplier of 1.949.

$$\text{Adjusted PV}^2 = \text{Original PV}^2 \times \text{Multiplier} = 1814760 \times 1.949$$

$$\text{Adjusted PV}^2 = 3536967$$

This value is still below the threshold of 4 million therefore the site is not justified as a SCP site.

The count was carried out at the request of a local councillor wanting a crossing facility, either a zebra or push button. Because the count is so low the site fails to meet the criteria.

Having carried out the count it was observed that whilst the traffic flow can at times be heavy it is on a one-way street, often the traffic is stationary and pedestrians were observed to be able to cross fairly easily, there is also a build-out in the footpath at the entrance to school to assist crossing.