

# Report

Report to:	<b>Roads Safety Forum</b>
Date of Meeting:	<b>30 October 2019</b>
Report by:	<b>Executive Director (Community and Enterprise Resources)</b>

Subject:	<b>School Crossing Patrol Assessments</b>
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## 1. Purpose of Report

1.1. The purpose of the report is to:-

- ♦ consider requests for school crossing patrols at locations within South Lanarkshire

## 2. Recommendation(s)

2.1. The Forum is asked to note the following recommendation(s):-

- (1) that requests for a school crossing patrol at the following locations be refused:-
- ♦ Alison Lea, East Kilbride (6% of value required).
  - ♦ St. Ninian's Road, Hamilton (34% of value required).

## 3. Background

- 3.1. Assessments of the above locations are shown on the attached summary sheets. These also detail whether any previous investigations have been undertaken. The summary sheets observe that the sites do not meet the current criteria for the provision of a school crossing patroller.
- 3.2. Assessment results are based on information recorded during surveys at school journey times. A measure of pedestrian demand (P) and vehicle flow (V) over the busiest ten minutes is identified from this information.
- 3.3. The pedestrian demand (P) is assessed by recording the number of children crossing the road, either with or without an adult, within 50 metres of the proposed crossing site. The vehicle flow (V) consists of all vehicles passing along the road within the predetermined area. These factors are then combined in the formula  $PV^2$  and compared against predetermined threshold values.
- 3.4. For sites pertaining to primary school pupils, where the  $PV^2$  is greater than 148,000 (threshold value), a patroller is clearly justified. Where the  $PV^2$  assessment does not prove conclusive and falls between 74,000 (50%) and 148,000, other environmental factors will be considered and used to revise the original  $PV^2$  value. This provides a weighted and more accurate assessment of potential risk at a site based upon traffic volume, pedestrian demand and the local environment.

- 3.5. For sites pertaining to secondary school pupils, where the PV<sup>2</sup> is greater than 148,000 (threshold value), the location will be subject to a further risk assessment to determine whether a patroller is justified or not. The risk assessment will make the recommendation of whether the request for a patroller is justified or refused based on particular road risks. Where the PV<sup>2</sup> assessment does not meet the threshold value, the location will not be considered to merit further investigation and the request will be refused. Generally, however, patrollers will not be provided for secondary school pupils.
- 3.6. The criteria are based upon national best practice and were developed by the Royal Society for the Prevention of Accidents (RoSPA) and the Local Authority Road Safety Officers' Association (LARSOA), now Road Safety GB. The criteria were amended by the Roads Safety Forum in 1998 to make it less onerous to justify a patroller. They were further amended in 2011 to prevent the introduction of patrollers at traffic signals with a pedestrian phase or at light controlled pedestrian crossings and in 2015 when revised criteria was introduced for locations predominantly serving secondary school pupils.
- 3.7. It is noted that a commitment was given to undertake further a PV<sup>2</sup> assessments at specified locations reported at the Forum's meeting on 12 March 2019. It is noted that these further assessments and site investigations do not change the initial outcome of the requests and that criteria remains unmet. Summary sheets have been attached to the end of this report in addition to the information below.
- ◆ Overton Road, Cambuslang (28% of value required).  
The previous assessment reported that 48% of the value required for the provision of a patroller was met. The prior assessment in 2014 also failed to meet criteria.
  - ◆ New Road, Cambuslang (45% of value required).  
The previous assessment reported that 90% of the value required for the provision of a patroller was met. Prior assessments in 2017 and 2014 also failed to meet criteria.
  - ◆ Woodland Crescent, Cambuslang (44% of value required).  
The previous assessment reported that 85% of the value required for a patroller was met. Prior assessments in 2016 and 2013 also failed to meet criteria.
  - ◆ Glenafeoch Road, Carluke (21% and 4% of value required).  
The previous assessment reported that 15% and 5% of the value required for the provision of a patroller was met.

#### **4. Employee Implications**

- 4.1. There are no employee implications associated with this report.

#### **5. Financial Implications**

- 5.1. There are no financial implications associated with this report.

#### **6. Other Implications**

- 6.1. Relevant risk and sustainable development issued pertaining to assessing school crossing patrols have been considered and assessed.
- 6.2. There are no significant risks as assessments are carried out using criteria based upon national practice.

## **7. Equality Impact Assessment and Consultation Arrangements**

- 7.1. This report does not introduce a new policy, function or strategy or recommend a change to an existing policy, function or strategy and, therefore, no impact assessment is required.

**Michael McGlynn**

**Executive Director (Community and Enterprise Resources)**

3 October 2019

### **Link(s) to Council Values/ Ambitions/ Objectives**

- ◆ Making communities safer, stronger and sustainable
- ◆ Protect vulnerable children, young people and adults
- ◆ Improve the road network, influence improvements in public transport and encourage active travel

### **Previous References**

- ◆ Roads Safety Forum 12 March 2019

### **List of Background Papers**

- ◆ None

### **Contact for Further Information**

If you would like to inspect the background papers or want further information, please contact: - Colin Smith, Engineering Officer

Ext: 3757 (Tel: 01698 453757)

E-mail: [colin.smith@southlanarkshire.gov.uk](mailto:colin.smith@southlanarkshire.gov.uk)

## **School Crossing Patrol Assessment Sheet**

### **Primary Pupils**

Proposed location                      Alison Lea at Calderwood Road Junction, East Kilbride

School(s) served                      Hunter Primary

Survey undertaken on              29.8.19 (PM)/ 12.9.19 (AM)

### **Survey Results**

Number of primary school children (P) crossing during busiest ten minute period.	4
Number of vehicles (V) during busiest ten minute period.	48
PV <sup>2</sup>	9216
PV <sup>2</sup> as a proportion of the value required for recommending a patroller (value required is 148,000).	6%

If proportion is 100% or greater then Patrol recommended.

**Is Patrol recommended**

**No**

If percentage is between 50% and 100% then consider other factors detailed below.

<b>Environmental Factor</b>	<b>Relevant- Yes/No</b>
Vehicle Speeds	
Visibility	
Excessive Street Furniture	
Closeness to Junction	
Parking Problem	
Concentration of Accidents	

Recalculated PV <sup>2</sup> as a proportion of the value required for recommending a patroller.	
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If proportion remains under 100% then Patrol is not recommended.

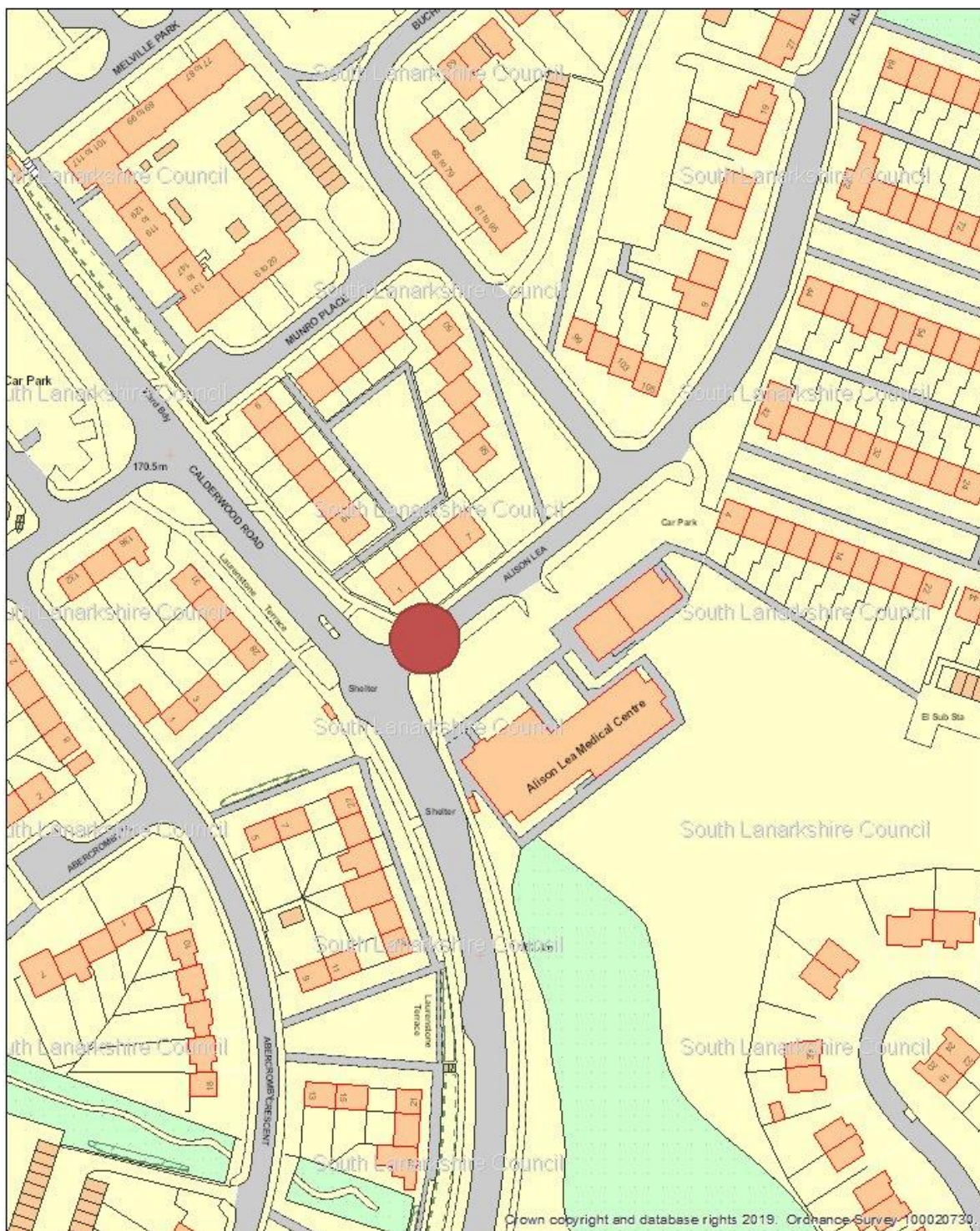
**Is Patrol recommended**

**No**

Ward: 10: East Kilbride East

Requested By: Public

Previously Assessed: No



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Title: School Crossing Patroller Assessment

Notes: Alisson Lea, East Kilbride



South Lanarkshire Council

Scale 1:1,250

25/09/2019 16:46:29

Original Drawing Size: 210 x 297 (A4) (c)

## **School Crossing Patrol Assessment Sheet**

### **Primary Pupils**

Proposed location                      St. Ninian's Road, Hamilton

School(s) served                      St. Ninian's Primary

Survey undertaken on                27/8/19

### **Survey Results**

Number of primary school children (P) crossing during busiest ten minute period.	74
Number of vehicles (V) during busiest ten minute period.	26
PV <sup>2</sup>	50,024
PV <sup>2</sup> as a proportion of the value required for recommending a patroller (value required is 148,000).	34%

If proportion is 100% or greater then Patrol recommended.

**Is Patrol recommended**

**No**

If percentage is between 50% and 100% then consider other factors detailed below.

<b>Environmental Factor</b>	<b>Relevant- Yes/No</b>
Vehicle Speeds	
Visibility	
Excessive Street Furniture	
Closeness to Junction	
Parking Problem	
Concentration of Accidents	

Recalculated PV <sup>2</sup> as a proportion of the value required for recommending a patroller.	
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If proportion remains under 100% then Patrol is not recommended.

**Is Patrol recommended**

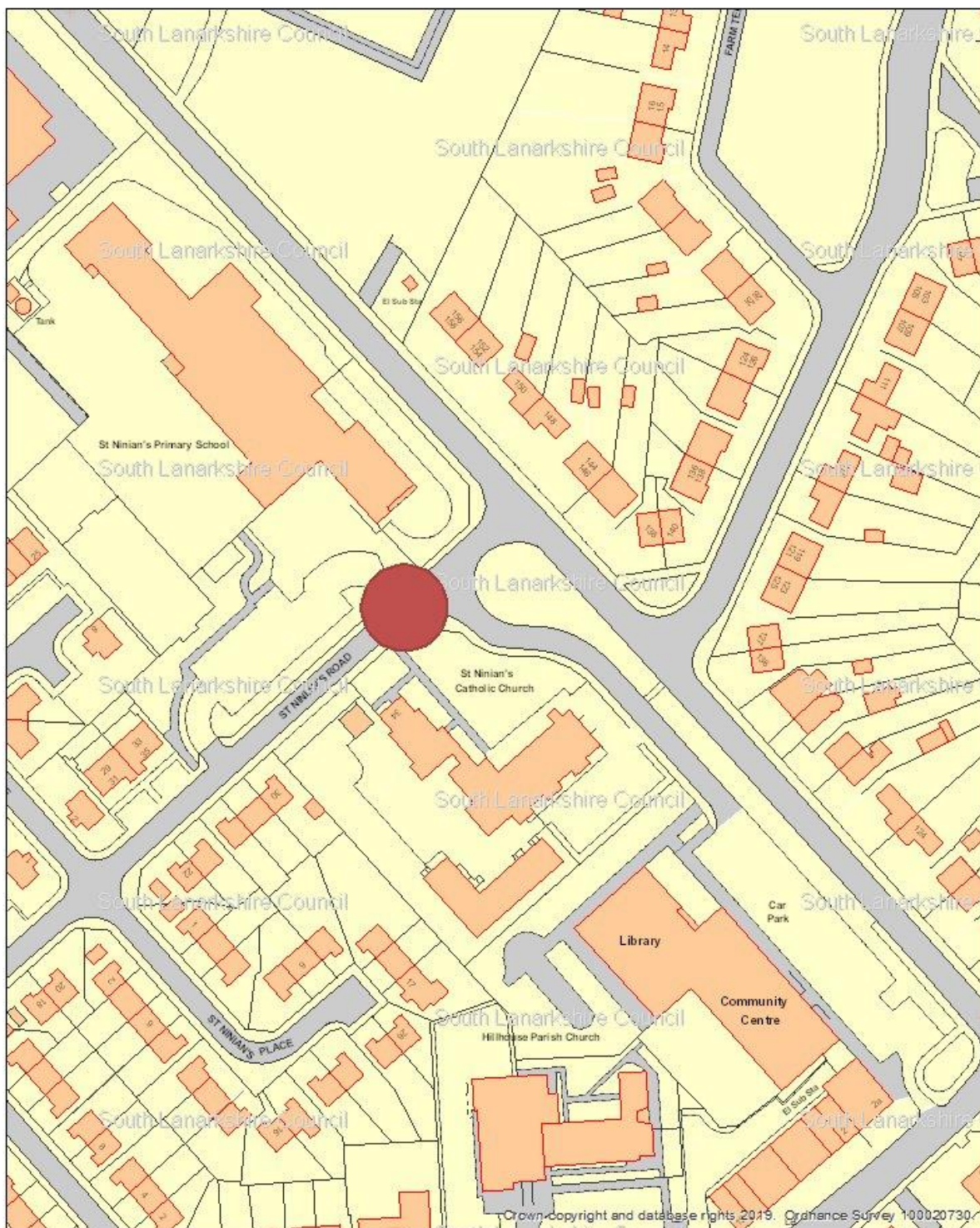
**No**

Ward: 18: Hamilton West and Earnock

Requested By: School

Previously Assessed: No





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Title: School Crossing Patroller Assessment



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Notes: St. Ninian's Road, Hamilton

Scale 1:1,250

25/09/2019 17:01:41

Original Drawing Size: 210 x 297 (A4) (c)

## **School Crossing Patrol Assessment Sheet**

### **Primary Pupils**

Proposed location                      Overton Road, Cambuslang

School(s) served                      Park View/ Hallside Primary

Survey undertaken on                10/9/19

### **Survey Results**

Number of primary school children (P) crossing during busiest ten minute period.	29
Number of vehicles (V) during busiest ten minute period.	38
PV <sup>2</sup>	41,876
PV <sup>2</sup> as a proportion of the value required for recommending a patroller (value required is 148,000).	28%

If proportion is 100% or greater then Patrol recommended.

**Is Patrol recommended**

**No**

If percentage is between 50% and 100% then consider other factors detailed below.

<b>Environmental Factor</b>	<b>Relevant- Yes/No</b>
Vehicle Speeds	
Visibility	
Excessive Street Furniture	
Closeness to Junction	
Parking Problem	
Concentration of Accidents	

Recalculated PV <sup>2</sup> as a proportion of the value required for recommending a patroller.	
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If proportion remains under 100% then Patrol is not recommended.

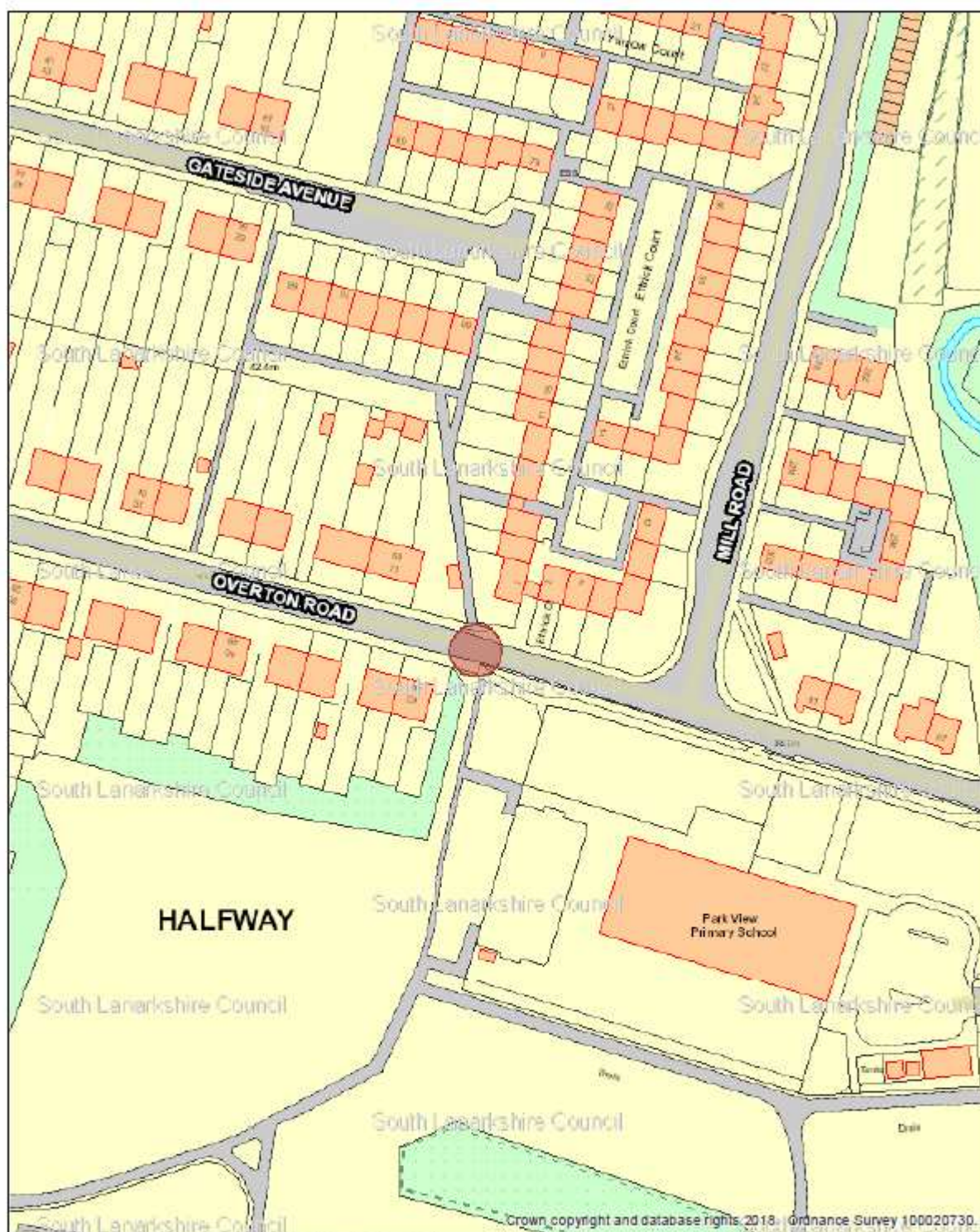
**Is Patrol recommended**

**No**

Ward: 14: Cambuslang East

Requested By: Road Safety Forum (reassessment)





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Title: School Crossing Patrol Assessment

Notes: Overton Road, Cambuslang



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Original Drawing Size: 210 x 297 (A4) (c)

## **School Crossing Patrol Assessment Sheet**

### **Primary Pupils**

Proposed location                  New Road, Cambuslang  
School(s) served                  Park View/ Hallside Primary  
Survey undertaken on              2.9.19 (PM) 10.9.19 (AM)

### **Survey Results**

Number of primary school children (P) crossing during busiest ten minute period.	21
Number of vehicles (V) during busiest ten minute period.	56
PV <sup>2</sup>	65,856
PV <sup>2</sup> as a proportion of the value required for recommending a patroller (value required is 148,000).	45%

If proportion is 100% or greater then Patrol recommended.

**Is Patrol recommended**

**No**

If percentage is between 50% and 100% then consider other factors detailed below.

<b>Environmental Factor</b>	<b>Relevant- Yes/No</b>
Vehicle Speeds	
Visibility	
Excessive Street Furniture	
Closeness to Junction	
Parking Problem	
Concentration of Accidents	

Recalculated PV <sup>2</sup> as a proportion of the value required for recommending a patroller.	
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If proportion remains under 100% then Patrol is not recommended.

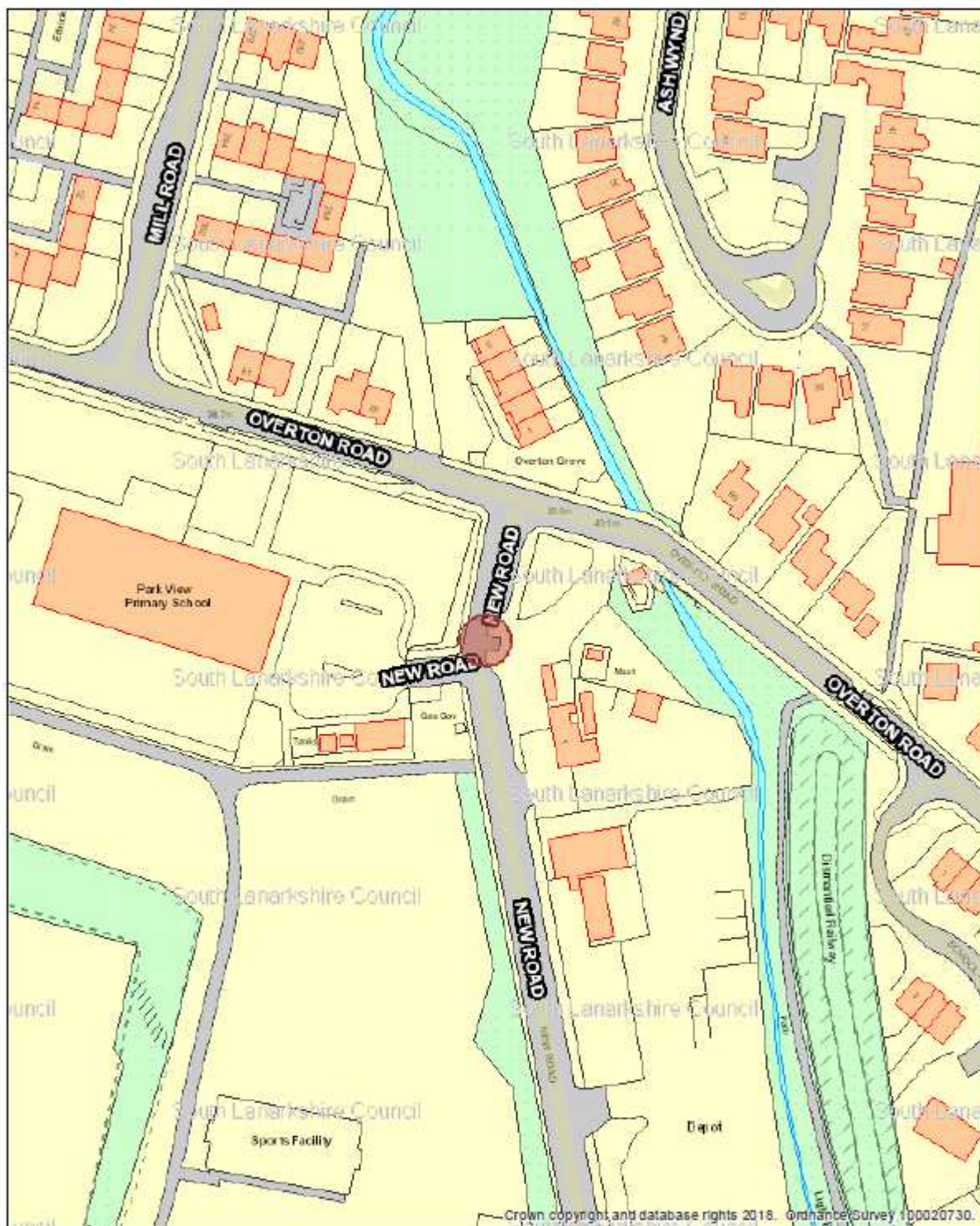
**Is Patrol recommended**

**No**

Ward: 14: Cambuslang East

Requested By: Road Safety Forum (reassessment)





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Title: School Crossing Patrol Assessment

Notes: New Road, Cambuslang



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Original Drawing Size: 210 x 297 (A4) (c)

## **School Crossing Patrol Assessment Sheet**

### **Primary Pupils**

Proposed location                      Woodland Crescent, Cambuslang

School(s) served                      Cairns/ St. Cadoc's Primary

Survey undertaken on                28/8/19

### **Survey Results**

Number of primary school children (P) crossing during busiest ten minute period.	20
Number of vehicles (V) during busiest ten minute period.	57
PV <sup>2</sup>	64,980
PV <sup>2</sup> as a proportion of the value required for recommending a patroller (value required is 148,000).	44%

If proportion is 100% or greater then Patrol recommended.

**Is Patrol recommended**

**No**

If percentage is between 50% and 100% then consider other factors detailed below.

<b>Environmental Factor</b>	<b>Relevant- Yes/No</b>
Vehicle Speeds	
Visibility	
Excessive Street Furniture	
Closeness to Junction	
Parking Problem	
Concentration of Accidents	

Recalculated PV <sup>2</sup> as a proportion of the value required for recommending a patroller.	
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If proportion remains under 100% then Patrol is not recommended.

**Is Patrol recommended**

**No**

Ward: 14: Cambuslang East

Requested By: Road Safety Forum (reassessment)





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Title: School Crossing Patrol Assessment

Notes: Woodland Crescent, Cambuslang



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10/10/2018 17:01:27

Original Drawing Size: 210 x 297 (A4) (c)



## **School Crossing Patrol Assessment Sheet**

### **Primary Pupils**

Proposed location                      Glenafeoch Road (southbound), Carluke

School(s) served                      Crawforddyke Primary

Survey undertaken on                4/9/19 (AM) 16/9/19 (PM)

### **Survey Results**

Number of primary school children (P) crossing during busiest ten minute period.	49
Number of vehicles (V) during busiest ten minute period.	25
PV <sup>2</sup>	30,625
PV <sup>2</sup> as a proportion of the value required for recommending a patroller (value required is 148,000).	21%

If proportion is 100% or greater then Patrol recommended.

**Is Patrol recommended**

**No**

If percentage is between 50% and 100% then consider other factors detailed below.

<b>Environmental Factor</b>	<b>Relevant- Yes/No</b>
Vehicle Speeds	
Visibility	
Excessive Street Furniture	
Closeness to Junction	
Parking Problem	
Concentration of Accidents	

Recalculated PV <sup>2</sup> as a proportion of the value required for recommending a patroller.	
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If proportion remains under 100% then Patrol is not recommended.

**Is Patrol recommended**

**No**

Ward: 1: Clydesdale West

Requested By: Road Safety Forum (reassessment)

## **School Crossing Patrol Assessment Sheet**

### **Primary Pupils**

Proposed location                      Glenafeoch Road (northbound), Carluke

School(s) served                      Crawforddyke Primary

Survey undertaken on              4/9/19 (AM) 16/9/19 (PM)

### **Survey Results**

Number of primary school children (P) crossing during busiest ten minute period.	49
Number of vehicles (V) during busiest ten minute period.	11
PV <sup>2</sup>	5,929
PV <sup>2</sup> as a proportion of the value required for recommending a patroller (value required is 148,000).	4%

If proportion is 100% or greater then Patrol recommended.

**Is Patrol recommended**

**No**

If percentage is between 50% and 100% then consider other factors detailed below.

<b>Environmental Factor</b>	<b>Relevant- Yes/No</b>
Vehicle Speeds	
Visibility	
Excessive Street Furniture	
Closeness to Junction	
Parking Problem	
Concentration of Accidents	

Recalculated PV <sup>2</sup> as a proportion of the value required for recommending a patroller.	
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If proportion remains under 100% then Patrol is not recommended.

**Is Patrol recommended**

**No**

Ward: 1: Clydesdale West

Requested By: Road Safety Forum (reassessment)



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Title: Glenafeoch Road, Carluke



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Notes: School Crossing Patroller Assessment

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13/06/2018 15:24:33

Original Drawing Size: 210 x 297 (A4) (c)