

Open Report on behalf of Andy Gutherson, Executive Director of Place

Report to:	Planning and Regulation Committee
Date:	13 January 2020
Subject:	Ruskington, B1188 Rectory Road - proposed Zebra Crossing facility

Summary:

This report considers the outcome of a pedestrian crossing survey carried out in response to a request for a pedestrian crossing facility at the location shown at Appendix A.

Recommendation(s):

That the Committee considers the criteria set out in the Pedestrian Crossing Policy and supports the submission of a funding bid for a feasibility study and design for the installation of a Zebra crossing at this location.

1. Background

1.1 In May 2018 a request was received from a resident of Ruskington for a crossing facility to be installed on the B1188 in the village to aid pedestrians crossing the road, in particular school children in the vicinity of the primary school.

Objections

1.2 The B1188 within Ruskington is subject to a 30mph speed limit and forms three relatively straight sections of road punctuated by two sharp bends. Wide verges and set back frontage development may encourage some drivers to travel above the prevailing speed limit. School children cross Rectory Road with the aid of a school crossing patrol and following discussions with the Lincolnshire Road Safety partnership this was identified as an appropriate site for the pedestrian crossing survey. The survey took place over a period of nine hours on 1st May 2019.

Survey Result and Proposal

1.3 The data recorded during the survey is used in the PV²ASCW calculation which in this case produced a score of 0.45. Table 1 shown below, extracted from the Pedestrian Crossing Policy document, indicates that this is below the threshold for the minimum intervention, a pedestrian refuge.

Table 1

Crossing Type	PV ² ASCW greater than (1 X 10 ⁸)	Crossing facility not to be used if speed limit is greater than:	Crossing facility not to be used if traffic flow greater than:
Pedestrian Refuge	0.5	60 mph	Not applicable
Zebra Crossing	0.8	30 mph	500 vehicles per hour
Signal Controlled Crossing	1.2	50 mph	Not applicable

NOTE: The threshold for dual carriageways is increased by 100%

However the policy also stipulates that where a score lies within 10% of the threshold for a facility then, subject to this committee's approval, works towards its installation can be pursued. Investigations into the feasibility of a refuge at this location however suggests a cost estimate of approximately £100,000 will be required to deliver the scheme, owing to carriageway widening required and subsequent diversion of utility plant. The cost of a Zebra crossing will be in the region of £70,000, including feasibility and design costs. In these circumstances the policy allows for consideration to be given to a Zebra crossing where site constraints render a refuge impractical or too costly. Again, this is subject to this committee's approval.

Additional information required for this report is supplied below:-

- Traffic and pedestrian survey counts (shown at Appendices B&C)
- A Stage 1 Road Safety Audit completed in November concluded that there are no road safety concerns relating to the provision of a Zebra crossing at the location proposed, and that there have been no reported personal injury accidents recorded within the vicinity over the past 3 years.
- Cost implications: The cost of installing a Zebra crossing is estimated at £60,000, with an additional £10,000 required for a feasibility study and scheme design.

2. Conclusion

The policy enables some flexibility in terms of scheme selection and in the case of this site two approvals will be required from this committee in order to progress a zebra crossing at this location:

- Approval for delivery of a pedestrian refuge based on a PV²ASCW score within 10% of the threshold required
- Approval to upgrade this facility to a Zebra Crossing on the basis of installation costs.

3. Consultation

The local Member for the area has been consulted for their views on the proposals.

a) Have Risks and Impact Analysis been carried out??

No

b) Risks and Impact Analysis

n/a

Appendices

These are listed below and attached at the back of the report	
Appendix A	Plan showing proposed location of Zebra Crossing facility
Appendix B	Traffic survey counts
Appendix C	Pedestrian survey counts

Background Papers

Document title	Where the document can be viewed
Pedestrian crossing survey summary; Stage 1 Road Safety Audit; Lincolnshire Pedestrian Crossing policy	

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