



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

Report to:	Planning and Regulation Committee
Date:	05 July 2021
Subject:	Doddington, Main Street B1190 - Proposed Puffin crossing facility

Summary:

This report considers the outcome of a pedestrian crossing survey carried out following a request for a crossing facility in the vicinity of Doddington Hall, as shown at Appendix B.

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, design and installation of a Puffin crossing at this location.

Background

A request for Toucan crossing facility at Main Street, Doddington was received in October 2019. The B1190 passes through the village and is a main distributor route linking the A57 to the north and A46 to the south, carrying approximately 5500 vehicles during a week day. A 30mph speed limit is in force through the village.

Doddington Hall and the various businesses on site attract large numbers of visitors throughout the year, and the presence of a sizeable overflow car park situated on the opposite side of Main Street as indicated at Appendix A, generates pedestrian footfall crossing the road at this point. A relatively high number of cyclists pass through the area visiting the nearby cycle shop and using established cycle routes.

Initial assessment of the area identified a suitable potential crossing location as indicated at Appendix B and a pedestrian crossing survey took place here on 7th October 2020.

Data on the numbers of pedestrians crossing the road, traffic flows and several other factors are applied to the PV²ASCW calculation and this produced a score of 0.47. Table 1 shown below, extracted from the Pedestrian Crossing Policy document, indicates that this falls short of the 0.5 threshold required for a pedestrian refuge.

Table 1

Crossing Type	PV ² ASCW greater than (1 X 10 ¹⁰)	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 at 3.1 in that document it is stated that if the result at a location falls within 10% of the score required then it may be subject to further consideration and approval may be sought from this Committee for the facility to be installed.

If the Committee approves the installation of a refuge on account of the survey score being within 10% of the required score then it will be necessary for this Committee to further approve the upgrading of the facility from a refuge to a Puffin Crossing. This is because there is insufficient space within the highway at this location for a refuge of adequate dimensions to be constructed, and in addition, the high traffic flow precludes the installation of a Zebra crossing.

The original request here was for a Toucan facility to be installed. This will not be possible at this location however as the approaching footways are of insufficient width to accommodate cycle facilities, so a Puffin crossing is proposed.

A Stage 1 Road Safety Audit was completed in March. No road safety concerns relating to the provision of a Puffin crossing at this location were identified, and no reported personal injury accidents have been recorded within the area surveyed over the past 3 years. The cost to install a Puffin crossing is estimated at £90,000, with an additional £10,000 required for a feasibility study and scheme design.

Conclusion

The policy enables some flexibility in terms of scheme selection and in the case of this site a three stage approval will be required from this committee in order to progress a Puffin 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 site constraints.
- Approval to upgrade from a Zebra to a Puffin facility on the basis of high traffic flows.

Consultation

The local Member has been informed of this proposal and is supportive.

a) Risks and Impact Analysis

None carried out

Appendices

These are listed below and attached at the back of the report

Appendix A	General location plan
Appendix B	Detail location plan

Background Papers

The following background papers as defined in the Local Government Act 1972 were relied upon in the writing of this report.

Document title	Where the document can be viewed
None	None

This report was written by Jeanne Gibson, who can be contacted on 01522 782070 or jeanne.gibson@lincolnshire.gov.uk.

This page is intentionally left blank