

Options Report for a proposed crossing for Luckwell Primary School and Pedestrian Safety Improvements on Duckmoor Road.

Introduction

- In 2015 the Neighbourhood Partnership allocated £17,143 to upgrade the existing islands on Duckmoor Road to convert them into pedestrian refuge islands. This project was placed on hold as it was quickly established that there was insufficient funding to complete the work and as the Neighbourhood Partnerships ceased, no further funding was available to increase the budget.
- In 2019, the Area Committee allocated £41,426 S106 funding to “improve the pedestrian crossings to Luckwell Primary School”. Various options have been considered and there is currently a significant funding gap between the budget allocated and the preferred option.
- Construction costs have been increasing significantly in recent years and are expected to continue to increase given the current economic climate and inflation. The figures in this report have tried to make allowances for this, with an estimate of 10% increase in current construction costs with a 20% contingency across the project.
- This report sets out the funding gap in each of these proposals and discusses the various options for addressing this.

Duckmoor Road Pedestrian Safety Scheme

Details:

- The intention of this scheme was to improve pedestrian safety along Duckmoor Road by upgrading the existing traffic calming islands to full pedestrian refuges. There are three islands along the corridor.
- The original intention was to upgrade all three, using future Neighbourhood Partnership funding as required.
- This original funding was the Minor Traffic Schemes budget allocated to each Neighbourhood Partnership on an annual basis.

Finances:

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|---------------------------|--------------------------------|
| Original Budget Allocated | £17,143 |
| Current Estimate | £50,782 for all three islands |
| Funding Gap | -£33,639 for all three islands |

Options to reduce the cost of the scheme:

- The only viable option to reduce the cost of the scheme is to reduce the number of islands that are upgraded.
- The estimate to upgrade 1 island is £26,851 and 2 islands £41,353.
- Therefore, these estimate also exceed the available budget by £9,708 for 1 island and £24,210

Recommended scheme:

- The recommended scheme which would deliver on the original ask to improve pedestrian safety along the route would be to upgrade all three of the islands as there are no other crossing options along the road in these areas.

Luckwell Road Scheme

Details:

- The intention of this scheme is to provide safe place to cross on either Duckmoor Road or Luckwell Road by Luckwell Primary School.
- The priority is an improved crossing of Duckmoor Road where the current crossing point is at the existing build outs.
- The second priority if the Duckmoor Road Crossing is not viable is some traffic calming measures on Luckwell Road to slow traffic and make it easier and safer to cross the road.
- A number of options have been considered:
 - Option 1 – Zebra crossing of Duckmoor Road by the school
 - Option 2 – Speed Table at the crossing point.
 - Option 3 – Zebra Crossing and Speed Cushion on Luckwell Road
 - Option 4 – Speed cushions along Luckwell Road
- The funding for this project was provided by the Area Committee at their meeting of xxx 2019 where they allocated 3 elements of devolved S106 – totalling £41,426

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|---|------------|--|
| 98/03650 / Sainsburys, Winterstoke Road, Ashton | £14,527.09 | The improvement of transport conditions on the public highway in the vicinity of Sainsburys, works to include improvement to public transport and walking and cycling in the area. |
| 95/01815/ Former Winterstoke Road Bus Station, Ashton | £24,001.97 | Transportation measures to improve conditions in the area of impact of the Development |
| 98/02234 / Trafalgar House, Winterstoke Road, Ashton | £2,897.46 | The provision of transport measures in the vicinity of Trafalgar House |

Finances:

| | Option 1 | Option 2 | Option 3 | Option 4 |
|---------------------------|----------|-----------|----------|----------|
| Original Budget Allocated | £ 41,426 | | | |
| Current Estimate | £106,712 | £326,676 | £130,658 | £33,123 |
| Funding gap | -£65,286 | -£285,250 | -£89,232 | £8,303 |

Options to reduce the cost of the scheme:

- There are limited options for reducing the cost of each of the individual options, aside from reducing the size of the raised table in option 2. The estimate for this option would be approximately £124,944, leaving the funding gap for this option as approximately £83,518.

Recommended scheme:

- The priority was to introduce an improved crossing of Duckmoor Road by the school and therefore the recommended scheme would be to install the zebra crossing at this location, i.e. option 1.
- The funding gap for this option is £65,286

Options to address the funding gap

1. Cease one or both schemes due to insufficient funding
 - These schemes are expected by the local community and funded through the funding allocated to them so this would not be well received.
 - It would mean that the S106 allocated to the Luckwell Primary School crossing remains unspent and would need to be reallocated to another scheme.
 - Not progressing either scheme would mean the safety benefits of either would not be realised.
2. Combine into one scheme
 - As the potential crossing for Luckwell Primary School is on Duckmoor Road, the wording of the NP scheme for Duckmoor Road could allow the funding to be reallocated to the Luckwell Primary funding in order to create a larger single budget of £58,426.
 - This would remove the option for upgrading the islands on Duckmoor Road.
 - This is still insufficient to cover the costs of the main priority for improving pedestrian safety to Luckwell Primary School, i.e. an improved crossing, but should be able to cover the costs of the second priority which was traffic calming Luckwell Road to aid safer crossing of the road.

3. Find additional funding for either or both schemes

The total ask would be either:

- a) Duckmoor Road scheme; £33,639
- b) Luckwell Primary School scheme; £65,286
- c) Both schemes; £ 98,925
- d) Luckwell Road scheme with Duckmoor Road funding combined; £48,260

Recommendation

- To drop the individual scheme for Duckmoor Road and progress a zebra crossing outside Luckwell Road Primary School, i.e. Option 1.
- To reallocate the Duckmoor Road funding to the Luckwell Primary School crossing, giving a total S106 and Minor Traffic scheme budget of £58,426.
- Request an additional £50,000 from the Area Committee to cover the funding gap.