

Decision Maker: PORTFOLIO HOLDER FOR TRANSPORT, HIGHWAYS AND ROAD SAFETY

Date: Thursday 16 November 2023

Decision Type: Non-Urgent Executive Non-Key

Title: SOUTH EDEN PARK ROAD / MONKS ORCHARD / LINKS WAY ROUNDABOUT SAFETY SCHEME

Contact Officer: Bukola Sobanjo, Transport Projects & Programme Manager
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Chief Officer: Director of Environment and Public Protection

Ward: Kelsey and Eden Park

1. Reason for decision/report and options

This report seeks approval to make pedestrian and cycle safety improvements at the roundabout of South Eden Park Road / Links Way / Monks Orchard Road Roundabout. The proposals (as outlined in section 3) are aimed at reducing the number of collisions at this location and provide a safer environment for all road users.

A study was carried out to identify junctions which presented an increased risk to road users. As a result of this, the roundabout in this report had been selected for further study and development to address the issues/risks presented.

2. **RECOMMENDATION(S)**

That the Portfolio holder approves the following:

- 2.1 **Junction improvements at the roundabout of South Eden Park Road / Links Way / Monks Orchard Road, as detailed in section 3 of this report.**
- 2.2 **Any minor changes to the design to be delegated to the Director of Environment and Public Protection, in consultation with the portfolio holder.**

Impact on Vulnerable Adults and Children

1. Summary of Impact:

The proposals consist of the introduction of zebra crossings on all arms of the roundabout. Subject to approval of this report and statutory consultation, this would provide a better and safer crossing experience at the roundabout for vulnerable adults and children.

Transformation Policy

1. Policy Status: Existing Policy: The proposals outlined below in section 3 are in line with the Boroughs Local Implementation Plan (LIP 3) objectives to help deliver more choices for shorter trips.
 2. Making Bromley Even Better Priority
For residents to live responsibly and prosper in a safe, clean, and green environment great for today and a sustainable future.
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Financial

1. Cost of proposal: £120,000
 2. Ongoing costs: None
 3. Budget head/performance centre: LIP Capital Programme Budget for Safer Corridors and Neighbourhoods 2023/24
 4. Total current budget for this head: £1.285M
 5. Source of funding: TfL
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Personnel

1. Number of staff (*current and additional*): 3
 2. If from existing staff resources, number of staff hours: 80 hours
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Legal

1. Legal Requirement: Non-Statutory - Government Guidance
 2. Call-in: Applicable
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Procurement

1. Summary of Procurement Implications: The scheme would be implemented by the Council's term highways contractor.
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Property

1. Summary of Property Implications: None
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Carbon Reduction and Social Value

1. Summary of Carbon Reduction/Sustainability Implications: Facilitating more use of sustainable transport, walking and cycling, will help reduce carbon emissions in the Borough
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Impact on the Local Economy

1. Summary of Local Economy Implications: None
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Impact on Health and Wellbeing

1. Summary of Health and Wellbeing Implications: This proposal aims to improve walking and cycling infrastructure which should give road users more alternative options to choose healthier form of travel.
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Customer Impact

1. Estimated number of users or customers (*current and projected*): Various
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Ward Councillor Views

1. Have Ward Councillors been asked for comments? Yes
2. Summary of Ward Councillors comments: See below for comments from two ward members;
 - *Your suggestions are great and have my full support particularly if you could extend widening the footways further down South Eden Park Road which has been raised by Cllr Harris many times in the last few years.*
 - *I am happy with the improvements.*

3. COMMENTARY

- 3.1 The junction of South Eden Park Road / Links Way / Monks Orchard Road is an important link which facilitates the connections to/from West Wickham, Elmers End and Beckenham. The junction is in proximity to four schools, a sports centre, Bethlem Royal Hospital and Eden Park station.
- 3.2 As was set out in the report to this committee in June this year (Comprehensive Review of Road Safety in LB. Bromley), the Council is focussed on delivering a targeted and cost-effective casualty reduction programme in the Borough. One location that unfortunately features on our list is the junction of South Eden Park Road / Links Way / Monks Orchard Road.
- 3.3 This location is on the Council's list of 34 "cluster" sites with high number of collisions. This roundabout was found to have had 8 collisions in the 3 years that were studied. In the last 3 years, data still shows 7 collisions which means the situation has not improved. The majority of these collisions involved cyclists.
- 3.4 Officer site visit observations suggested the current junction is vehicular dominant and there is a lack of dedicated provision for pedestrians. The proposals include interventions to slow traffic coming towards the roundabout to reduce rear end shunt collisions. Also, officers are proposing formal crossing points for pedestrians to encourage walking which is currently a barrier for more vulnerable residents plus off-carriageway crossings for cyclists and narrower carriageway widths to minimise the crossing distance for pedestrians, whilst still allowing adequate provision for larger vehicles to use the roundabout.

3.5 Proposals:

The following changes are being proposed for the junction:

1. Widening of footways on all arms of the roundabout and narrowing lane widths to slow down traffic and improve deflection at the roundabout.
2. New shared spaces for both pedestrians and cyclists; this will allow cyclists to manoeuvre around the roundabout safely.
3. Introduction of parallel zebra crossings on all arms of the roundabout; the purpose of this crossing is to allow priority for pedestrians and make them more visible to drivers.

3.6 First Year Rate of Return (FYRR)

The target collision savings at this roundabout is estimated at 45% due to combined safety measures to slow down traffic and provide formal crossings for pedestrians and cyclists. This brought the FYRR figure to 78%.

<u>First Year Rate of Return</u>			
			<i>Notes - Existing number of collisions is 2.3 per year. Roundabout improvement, cycling improvement and zebra crossings estimated at 45% because of multiple measures</i>
Predicted Accident Savings Per Year	No	1.05	
Location	B/NB/M/A	B	
Accident Savings	(£)	£ 93,573.90	
Scheme Cost	(£)	£120,000.00	
FYRR	%	78%	

4. IMPACT ON VULNERABLE ADULTS AND CHILDREN

The proposals consist of the introduction of zebra crossings on all arms of the roundabout. This would provide a better and safer crossing experience at the roundabout for vulnerable adults and children.

5. TRANSFORMATION/POLICY IMPLICATIONS

1. Policy Status: Existing Policy: The proposals outlined below in section 3 are in line with the Boroughs Local Implementation Plan (LIP 3) objectives to help deliver more choices for shorter trips.
2. Making Bromley Even Better Priority
For residents to live responsibly and prosper in a safe, clean and green environment great for today and a sustainable future.

6. FINANCIAL IMPLICATIONS

- 6.1 The portfolio holder is requested to approve, junction improvements at the roundabout of South Eden Park Road / Links Way / Monks Orchard Road as detailed in section 3 of this report.
- 6.2 Implementation cost is estimated at £120k.
- 6.3 There is sufficient budget within the LIP Funding Capital scheme to meet the cost of this improvement, as well some contingency.

7. PROCUREMENT IMPLICATIONS

The scheme would be implemented by the Council's term highways contractor.

8. CARBON REDUCTION/SOCIAL VALUE IMPLICATIONS

Facilitating more use of sustainable transport, walking and cycling, will help reduce carbon emissions in the Borough.

9. IMPACT ON HEALTH AND WELLBEING

Summary of Health and Wellbeing Implications: This proposal aims to improve walking and cycling infrastructure which should give road users more alternative options to choose healthier form of travel.

14. CUSTOMER IMPACT

This scheme will reduce the likelihood of injury to all road users at this location and also facilitate more pedestrian use.

15. WARD COUNCILLOR VIEWS

See below for comments from two ward members.

- Your suggestions are great and have my full support particularly if you could extend widening the footways further down South Eden Park Road which has been raised by Cllr Harris many times in the last few years.

- I am happy with the improvements

Non-Applicable Headings:	Personnel Implication Property Implications
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	Legal Implication Impact on Local Economy
Background Documents: (Access via Contact Officer)	COMPREHENSIVE REVIEW OF ROAD SAFETY IN L. B. BROMLEY (June 2023) LIP3: Bromley's transport for the future - local-implementation-plan-lip3- (bromley.gov.uk)

Appendix A

