



Project Brief

Project Name	Pudding Mill Lane Traffic Safety & Public Realm Improvements
Client	London Legacy Development Corporation (LLDC)
Road Names	Pudding Mill Lane; Marshgate Lane; Barbers Road
Wards	Stratford and New Town
Directorate	Environment and Sustainable Transport
Service Area	Traffic Management & Road Safety
Task Manager	s.40
Service Area Manager	s.40
Date	13-01-2021
Prepared by	s.40

Project Overview

Following several concerns raised in relation to road safety within the Queen Elizabeth Olympic Park (QEOP), a comprehensive Road Safety Audit (RSA) was carried out in February 2020 which highlighted several road safety issues concerning pedestrians, cyclists & motor cyclists. These issues are consistent with the aim to introduce long-term behavioural change in QEOP area with a road network less dominated by service vehicles and more pedestrian focused.

In line with the above, LLDC seeks to commission LB Newham to carry out the design and implementation of Pudding Mill Lane Traffic & Public Realm Improvements project. The project looks to create a safe and pedestrian friendly environment that would adequately serve the increased footfall resulting from new developments on Marshgate Lane and Pudding Mill Lane.

The extents of the project are outlined in the scheme location plan in Appendix A.

The words 'Scheme' and 'Project' have been used interchangeably and have the same meaning in the document.

Aims & Objectives

The project will:

1. Address the issues raised by residents, Ward Councillors and businesses and will improve the safety of all road users including cyclists, motorcyclists, pedestrians and motor vehicles in advance of the new developments on Pudding Mill Lane and Marshgate Lane
2. Provide a safe and pedestrian friendly environment that would adequately serve the increased footfall resulting from the new developments on Marshgate Lane and Pudding Mill Lane.

To achieve the above LLDC proposes several safety and public realm improvements which are outlined below.

Work Content

The following details form part of the Works Information that would be required for LB Newham to fulfil their obligations under this commission and includes:

1. Review existing traffic speeds, the speed limit and associated road signage on Marshgate Lane and consider introducing a 20mph speed limit. Review existing traffic signs, roadmaking, and temporary one-way system on Pudding Mill Lane to improve visibility between vehicles at junction of Marshgate Lane & Pudding Mill Lane.
2. Provide Temporary footway widening on both sides of the carriageway on Pudding Mill Lane and implement a one-way system with the associated junction and street definition (Public realm e.g. planters) until the permanent project is implemented.
3. Review existing Traffic Management Orders (Temporary or Experimental) and make Permanent Traffic Order for widened footway and one-way system on Pudding Mill Lane.
4. Improve safety at the junction of Marshgate Lane with the Off Greenway Ramp (the interface between Greenway ramp and Marshgate Lane)
5. Introduce parking control on Marshgate Lane between the Railway Structure and a point 50m south of the zebra crossing on Marshgate Lane.
6. Investigate land ownership on the land adjacent to the Greenway and implement parking controls if possible.
7. Review and Improve the existing zebra crossings on Marshgate Lane and Pudding Mill Lane
8. Review existing street lighting on pudding Mill lane, Marshgate lane from junction of Pudding Mill Lane to greenway ramp, the underpass, Barbers road from front of station to Marshgate lane and Pudding Mill Lane. Following review of the lighting the scope of lighting improvement works will be agreed with LLDC.
9. Remove partial remaining road gateline on Pudding Mill Lane
10. Review and provide Legible London signage near the DLR station

Having gone through the above works information, it is proposed that some tasks are delivered as quick wins, and these include:

1. Review existing traffic speeds, the speed limit and associated road signage on Marshgate Lane and consider introducing a 20mph speed limit. Review existing traffic signs, roadmaking, and temporary one-way system on Pudding Mill Lane to improve visibility between vehicles at junction of Marshgate Lane & Pudding Mill Lane.
2. Provide Temporary footway widening on both sides of the carriageway on Pudding Mill Lane and implement a one-way system with the associated junction and street definition (Public realm e.g. planters) until the permanent project is implemented.

Project Inclusions

The following items are included as part of the scheme:

1. Carry out Project Management duties from inception to completion
2. Obtain and review up to date Topographical Survey
3. Carry out site observation surveys
4. Obtain underground utility information and works estimate if needed (i.e. C2, C3 and C4)
5. Carry out or obtain traffic and Pedestrian surveys and collision data
6. Prepare Feasibility report to include a technical note, outlining different feasible options
7. Carry out Preliminary design in PDF format to A1 Scale
8. Carry out Design (Feasibility to Detailed) for lighting works within the scheme extents
9. Implement Lighting works on Pudding Mill Lane

10. Engage with LLDC, QEOP, Emergency services and other stakeholders
11. Obtain necessary approvals to progress scheme
12. Carry out consultation with residents, ward Councillors and key stakeholder
13. Carry out Road Safety Audits stages 1, 2 and 3, including the designer's response
14. Make Traffic Management Orders and carry out relevant statutory consultation
15. Carry out detailed design in line with current standards. This will include, but not limited to, Site Clearance, General Arrangements, Traffic signs and road markings and Drainage design. (PDF format to A1 scale)
16. Carry out drainage design as a result of kerb realignment works on Pudding Mill Lane
17. Carry out localised carriageway resurfacing and repairs to ponding issue
18. Prepare construction and setting out Drawings
19. Commission construction works through term maintenance contractor
20. Co-ordinate with other planned works in the area
21. Attend progress meetings once every month
22. Provide fortnightly updates to LLDC
23. Prepare AS-built drawings
24. Carry out a Snagging exercise

Project Exclusions

The following items are excluded from the scheme:

1. Proposed traffic calming measures between Pudding Mill Lane and Cooks Road. The traffic calming measures will be delivered as part of a separate scheme.
2. Way-finding signage across the site.
3. Proposed zebra crossing linking the temporary Theatre with Pudding Mill Station. This will be delivered as part of a separate scheme.
4. The implementation of street lighting works on Marshgate Lane and Barbers Road
5. Application for new connections to Thames Water for drainage connections. It is assumed that there won't be any new connections required.
6. Reconstruction or resurfacing of Pudding Mill Lane. However, localised carriageway repairs and resurfacing as well as existing ponding issues will be addressed.
7. Redesign of the vertical alignment on Pudding Mill Lane.

Risks & Constraints

The following items are considered Risks and/or Constraints to the delivering the scheme:

1. LLDC have advised that they have in the region of £200,000 for the project. If the project exceeds the budget, then the full scope of works may not be delivered.
2. If there are material objections to proposals included in the scheme, then the scheme may be delayed or cancelled
3. If consent is not obtained from Network Rail, TfL DLR or Thames Water, then the scheme may be delayed or cancelled.
4. If there is conflicting temporary traffic management due to other construction works in the area, then the scheme maybe delayed.
5. If there are other lockdown events due to spikes in Covid 19, then the scheme maybe delayed.

Assumptions

In developing the Works Information, the following assumptions have been made:

1. New connections will be required to existing underground services such as Thames Water
2. Topographical survey will be provided by LLDC
3. LLDC will provide relevant traffic and pedestrian projections for future years
4. No utility diversions will be required
5. Road Traffic Accident Data will be provided by Transport for London (TfL)
6. It is assumed that the construction works shall be commissioned through LBN Term Maintenance Contractors.
7. In developing the brief we have used the documents listed under the 'supporting documents' below and notes of the meeting held on Monday 30 November 2020.
8. LBN will be designated under CDM 2015 regulations as the 'Principal Designer'

Key Milestone

1. Agree/approve project brief
2. Agree/approve feasibility fee estimate and programme
3. Agree/approve feasibility report & agree preferred option
4. Agree/approve preliminary design fee estimate and programme
5. Agree/approve preliminary design
6. Agree/approve detailed design fee estimate and programme
7. Agree/approve design & project estimate
8. Project close out

Key Deliverables

1. Project brief or scope
2. Traffic & site Surveys
3. Fee estimate for feasibility, preliminary and detailed design as well as for the works.
4. Road safety audit reports stages 1/2 and 3.
5. Design drawings
6. As-built drawings
7. Programme
8. Meeting minutes
9. Photographic evidence of site visits

Programme & Scheme Costs

The estimated cost for preparing the Feasibility Report is £10,400. This is meant to pay for staff costs and associated survey costs. Back up information will be provided for any costs incurred. The ballpark estimate for the scheme is £260,500 broken down as follows:

Feasibility Report	£10,400 (see above)
Work Estimate	£169,000 (ballpark)
Project Management Preliminary at 25%	£42,300
Lighting Preliminary and Detailed design on Marshgte Lane	£5,000 (ballpark)
Risks and Contingencies at 20% works estimate	£33,800
Total Scheme Estimate	£260,500

It is proposed to firm up the scheme as part of the Feasibility Report, given the available budget of £200,000 and determine what can be delivered.

Upon receipt of a formal instruction, it is proposed to deliver the Feasibility Report within 6 weeks.

SUPPORTING DOCUMENTS PROVIDED:

Drawing: 1170-PML PROPOSED THEATRE7

Drawing: 50423-100

Sketch: DESIGN SCOPE REQUIREMENTS SEP 2020 V0.1

Notes of the meeting held on Monday 30 November 2020.

Brief Agreed by:

For LB Newham

SIGNATURE	Signed:
AGREED/NOT AGREED:	Print
	Date:

For the Client:

SIGNATURE:	Signed:
AGREED/NOT AGREED:	Print
	Date:

APPENDIX A
SCHEME LOCATION PLAN

