

Assembly Fund 2017/2018 Project Proposal

Lee Green Assembly

Amount of funding request £1,100

Project title: Trial of rat run control – morning peak period

Assembly priorities addressed

1. Traffic reduction
2. Pollution control
3. Rat running reduction
4. Pollution and traffic around schools – Colfe’s, Brindishe Lee, Brindishe Manor, and St Winifred’s Infants
5. Community services – raising civic awareness, opportunities to volunteer in the community and working together in the community

Description of the project

To trial a scheme that will reduce rat running across most of the Lee Green ward during the morning peak period. The scheme requires Lewisham Transport to work with their colleagues in Greenwich and Transport for London to introduce temporary Traffic Management Orders for three prohibitions and for the purchase and erection of four road signs.

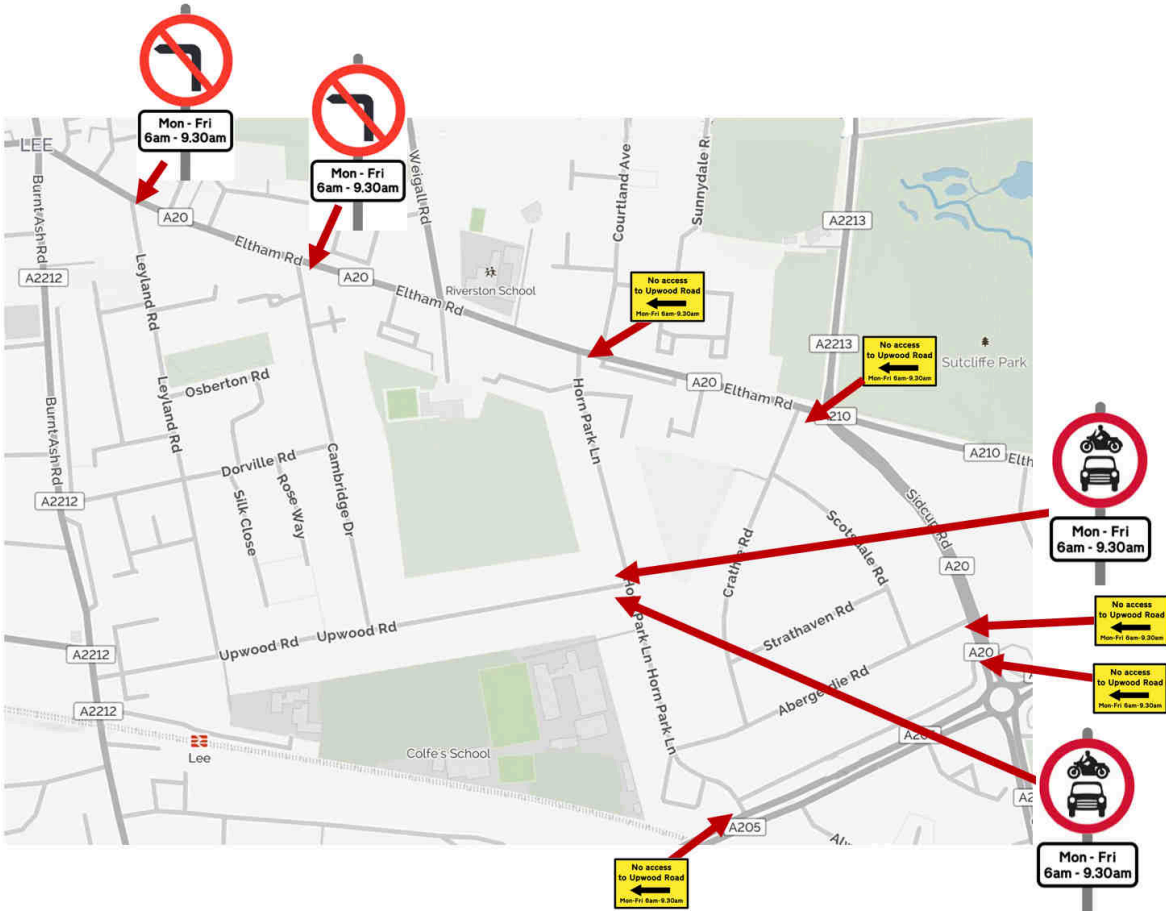
The results of the trial will inform appropriate strategies to reduce rat running.

The trial restriction will stop all road traffic turning left from Eltham Road A20 into Leyland Road and Cambridge Drive and entering Upwood Road from Horn Park Lane, from 6am to 9.30am on weekdays (see map below). This will be done using Traffic Management Orders and the use of No Left Turn and No Motor Vehicle signs with a plate. Two of the four signs can be sited on existing street furniture.

Drivers who are unable to make the turns into those roads will make one of the following choices:

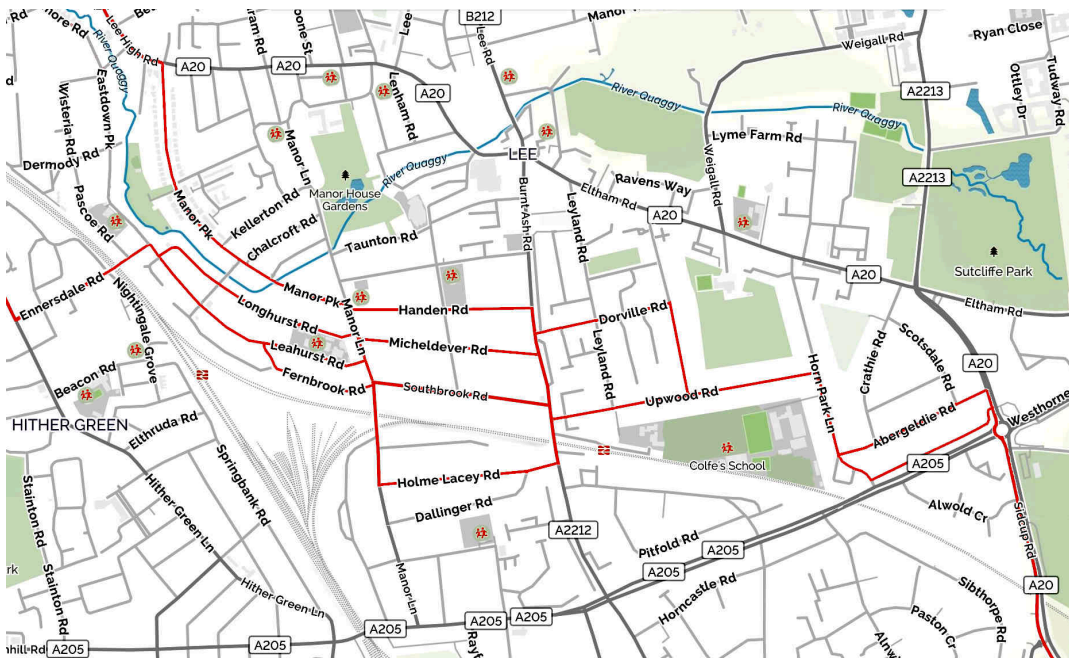
1. Use another mode of transport to complete that part of their journey
2. Circumnavigate the affected streets.
3. Use the main roads (A20 through to Lewisham and beyond or the A205 to Hither Green Lane and beyond)
4. Avoid this general area by travelling further west or east to travel north or - further south or north if travelling east.

As drivers we simply take the easiest route – the choices made are based on speed (based on experience, perception or satnavs) and cost (usually based on personal marginal financial cost rather than wider and longer term issues).

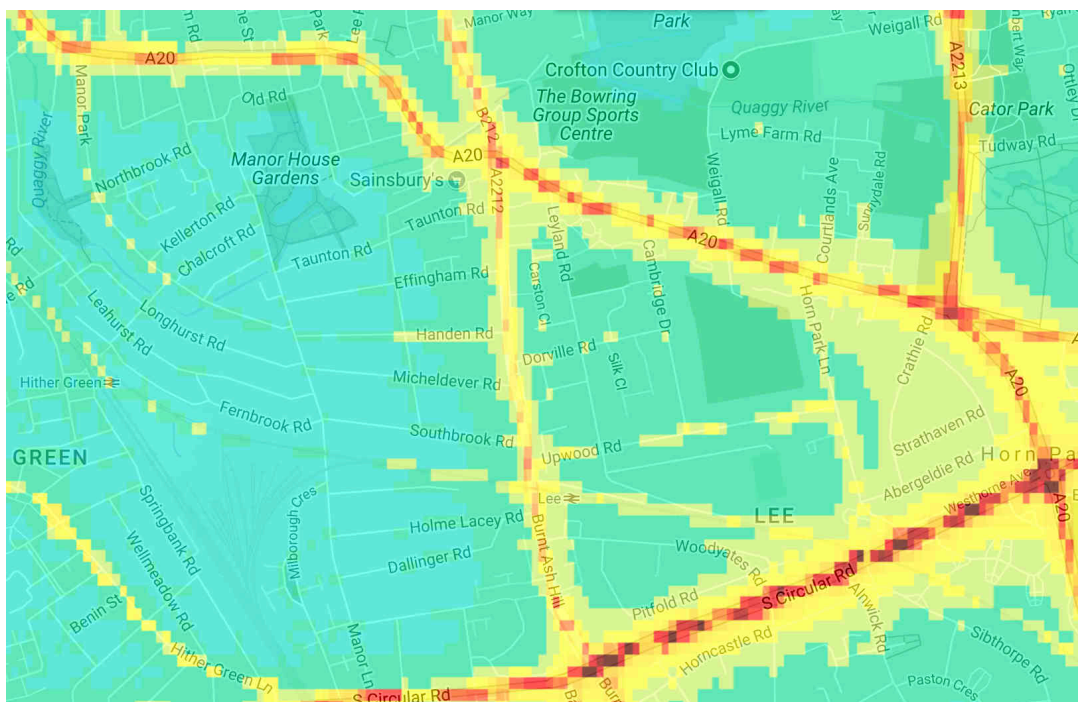


Signage required for trial scheme

Supplementary maps



Morning peak showing rat run routes from A20 (shown in red) – source LiveLee 2017



Annual nitrogen dioxide levels – Kings College London www.londonair.org.uk (annual average pollution figures 2013 used) The areas marked in red and yellow are above the level considered safe by the EU (40µg/m being the EU limit for the protection of human health)

Timetable for project

Start date	End date	Activity
8 September 2017	28 November 2017	Approval of funding
	12 December 2017	Council officers from Lewisham contact their counterparts in Greenwich and at Transport for London (TfL) to agree the scheme of work – two weeks
	19 December 2017	Formulation of draft traffic management orders (TMOs) and notification to TfL – half a day's work but allowing for any coordination across the local authorities
	19 January 2018	TfL approval of draft TMOs – one month
	19 February 2018	Consultation with notifiable statutory bodies and any relevant stakeholders – one month
	19 March 2018	Purchase and fitting of new signage – one month
20 January 2018	18 March 2018	Traffic survey conducted by LiveLee during the two-month period
19 March	19 September 2018	Six-month trial period
May	June 2018	Second traffic survey conducted by LiveLee during a two-month period
	October 2018	Report to the Lee Green Assembly

Detail the specific activities LiveLee will undertake

LiveLee will undertake the traffic surveys and an online questionnaire:

- To estimate the daily average number of vehicles during the morning peak using Dorville Road, Ennersdale Road, Handen Road, Holme Lacey Road, Manor Park, Southbook Road and Upwood Road before the trial starts.

- To estimate the daily average number of vehicles during the morning peak using those same roads during the trial.
- To estimate the daily average number of vehicles ignoring the No Left Turn and No Motor Vehicles road signs during the trial.
- To measure residents' opinion of the effectiveness of the trial.

LiveLee will analyse and report on the survey results (to the Assembly and online).

LiveLee can assist council officers in the preparation of traffic management orders and the choice of siting for road signs

Number of people who will benefit from the project:

7,500 people in Lee Green ward and 400 people in neighbouring streets in Greenwich

Impact that the project will have on other people within the ward

The main cause of early death in London is inactivity. This project will improve the opportunity and experience for people to walk by making streets less stressful environments for people with fewer vehicles moving and cleaner air.

Reducing vehicle journeys will improve the air quality. This will be experienced in streets where there is a reduction in traffic and includes four local schools.

Safety. Fewer vehicle journeys will reduce the risk of pedestrians being hit by road vehicles. During the morning peak this will positively affect streets around four local schools.

Residents in the following streets used as rat runs will experience direct benefit from this trial:

Cambridge Drive	Longhurst Road
Dorville Road	Manor Lane
Ennersdale Road	Manor Park
Fernbrook Road	Micheldever Road
Handen Road	Southbrook Road
Holme Lacey Road	Upwood Road
Leahurst Road	

Residents in the following streets used as rat runs will have smaller benefit and may need a different solution in the future:

Dallinger Road	Osberton Road
Effingham Road	Staplehurst Road
Leyland Road	Taunton Road
Millbank Way	Wantage Road

Residents in the following streets used as rat runs would require a different solution:

Abernethy Road	Manor Lane Terrace
Bankwell Road	Northbrook Road
Lochaber Road	Woodyates Road
Old Road	

All residents and visitors who use the streets most affected (as drivers, pedestrians and cyclists) will breathe cleaner air and be safer. Our analysis shows that only main roads will show an increase in traffic and no other streets in the Lee Green ward will have increased traffic. The experience of the trial will inform the best methods to further reduce rat running across the Lee Green ward throughout the day.

The No-Motor-Vehicles restriction will act as a modal filter that allows both pedestrians and cyclist to pass through creating a cleaner, safer and more pleasant experience.

Measurement of success

The traffic surveys will give an indication of the changed behaviours of drivers in respect of changing levels of vehicle movements during the morning peak in the selected streets. LiveLee will analyse the results and present a report to the last 2018 Lee Green Assembly meeting.

An online survey will also be carried out among residents in Lee Green ward seeking feedback on their experience of the trial. The survey will be analysed and presented to the last 2018 Lee Green Assembly meeting.

Survey results will be shared with everyone on the LiveLee website.

Costings

Expenditure (the costs of delivering the project)		
Signage – purchase, fitting and removal – two No-Left-Turn signs plus plates, two No-Motor-Vehicle signs plus plates and smaller signs		£1,100.00
Officer time for planning, notification, preparation and publishing of TMOs - to be advised by council officers		
Total Project Expenditure		£1,100.00

Income (where the money is coming from)			
Assembly Fund requirement			£1,100.00
Other Council funding (please specify)			
Crowdfunding			
Other Funding – LiveLee will try to identify funding that may be available for Lewisham and Greenwich from TfL and central government bodies, National Lottery and the charitable/trust sector			
In Kind funding			
Volunteers' time (approximations) totalling 146 hours			
Organisation and safety briefings	6hrs		
First survey	48hrs		
Second survey	48hrs		
Production and administration of online survey	10hrs		
Monitoring of prohibition compliance	6hrs		
Analysis of 3 traffic surveys and compliance monitoring	18hrs		
Production of summary report	4hrs		
Additional support when required	6hrs		
Maintenance of website			
Other funding (please specify)	Applied for	Confirmed	
Total Project Income			£1,100.00