

2. Moortown Corner bus lane Shadwell Lane to Street Lane

What are we proposing?

We are recommending the introduction of a Leeds-bound bus and cycle lane on Harrogate Road, between Shadwell Lane and Street Lane in Moortown. The proposals also include:

- A new pedestrian crossing, just south of Allerton Grove, that will link the bus stops and medical centre to the shops
- A new cycle lane that will link the end of the bus lane with the Street Lane junction
- Upgrading the Street Lane junction signals to provide buses with more priority through this junction, using the latest GPS technology.

We have undertaken traffic modelling analysis, using sophisticated software and up-to-date traffic survey data. This analysis shows that southbound bus journey times through the Street Lane junction will be improved, on average, by 30 seconds, with negligible impact on general traffic flow.

Whilst these represent average savings at peak times, the variability of traffic conditions experienced day-to-day means that journey times for buses will become much more consistent and reliable, with the bus lane protecting buses from delays caused by day-to-day variation.

These improvements represent an essential component of the wider package of measures ultimately proposed along the Alwoodley to Leeds route, which collectively will deliver significant journey time savings to make buses more attractive.

We hope some drivers will begin to switch their car for a bus or bike, which will help reduce congestion and further benefit buses and bus users.

Please refer to the maps for more detailed information.

Why are these improvements needed?

Over the next 10 years, our goal is to double the number of journeys made by bus every day in Leeds. More people using the bus will reduce traffic congestion and air pollution.

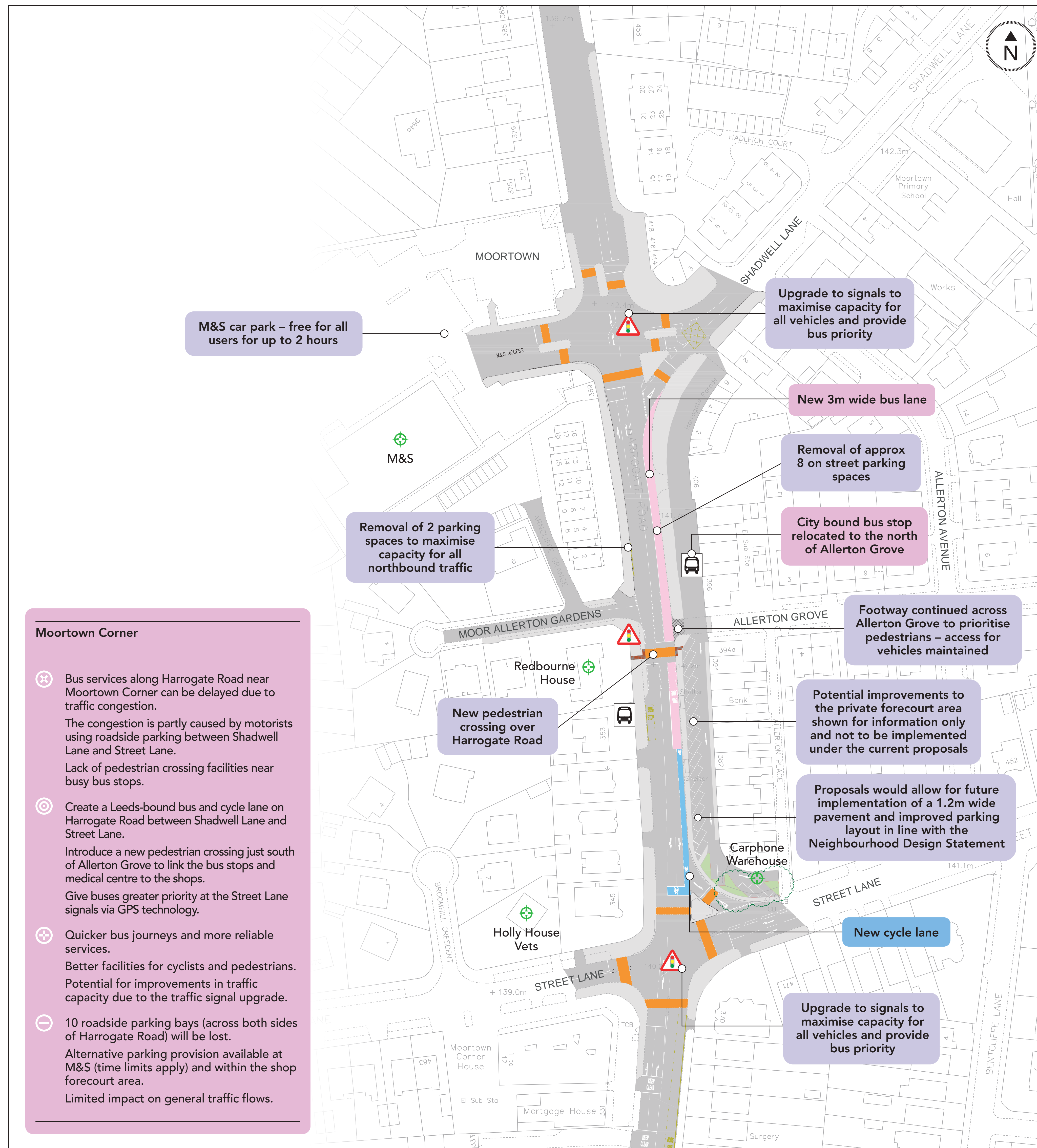
A more sustainable transport network is important for the city's economic prosperity. To achieve this change we need to make bus services quicker and more reliable, and traffic congestion is the most common reason buses arrive late.

Bus services along Harrogate Road often experience delays due to traffic congestion, particularly at peak periods. On-road parking also contributes to delays as all traffic, including buses and cyclists, are forced into one lane.

Will it impact you?

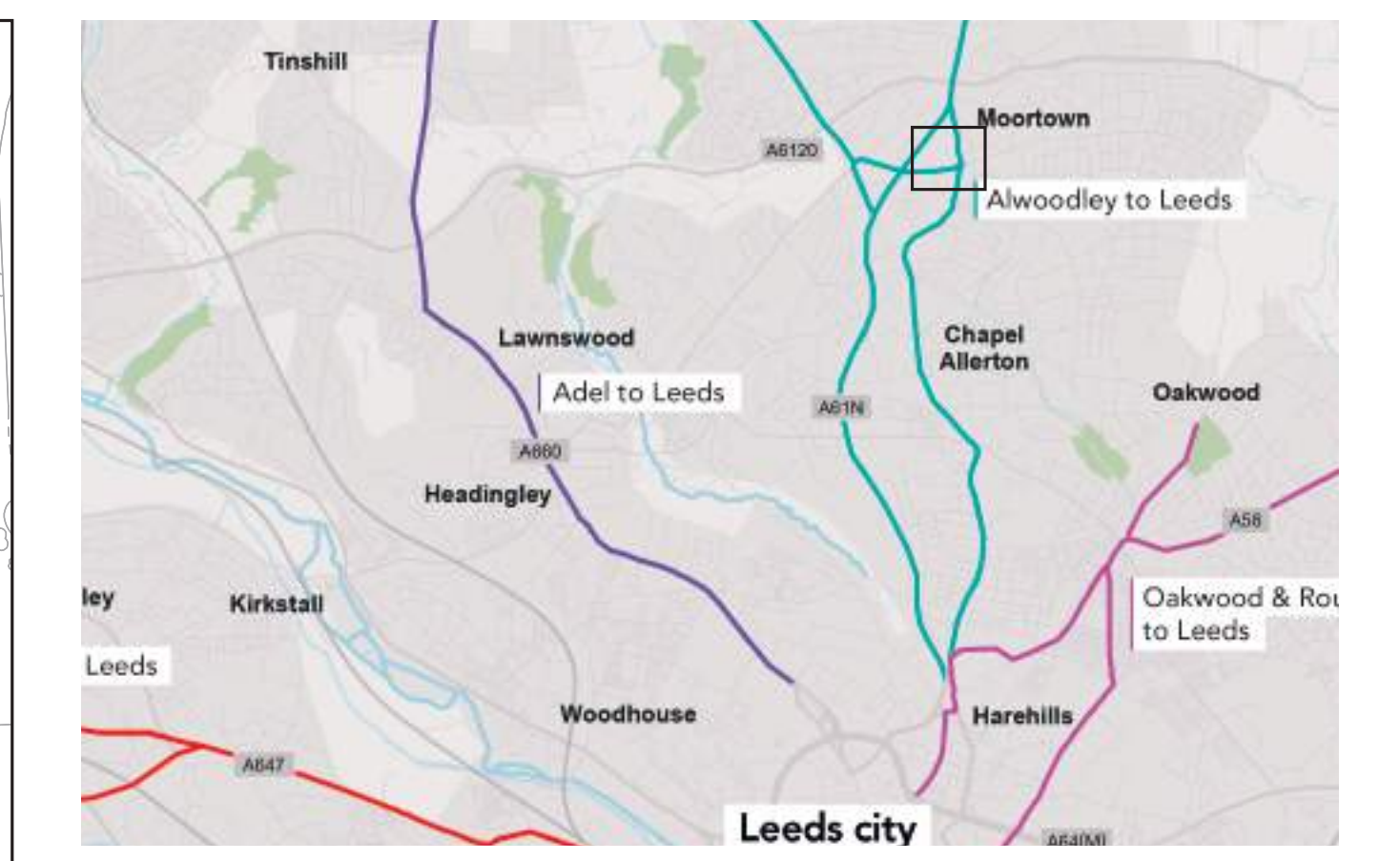
These improvements, if delivered, will impact some on-street parking.

In total, 10 on-street parking bays will be lost – eight on the Leeds-bound side and two on the northbound side. Alternative parking is available at M&S (time limits apply), as well as alongside the shop forecourts.



Moortown Corner

- Issue: Bus services along Harrogate Road near Moortown Corner can be delayed due to traffic congestion. The congestion is partly caused by motorists using roadside parking between Shadwell Lane and Street Lane. Lack of pedestrian crossing facilities near busy bus stops.
- Opportunity: Create a Leeds-bound bus and cycle lane on Harrogate Road between Shadwell Lane and Street Lane. Introduce a new pedestrian crossing just south of Allerton Grove to link the bus stops and medical centre to the shops. Give buses greater priority at the Street Lane signals via GPS technology.
- Benefit: Quicker bus journeys and more reliable services. Better facilities for cyclists and pedestrians. Potential for improvements in traffic capacity due to the traffic signal upgrade.
- Impact: 10 roadside parking bays (across both sides of Harrogate Road) will be lost. Alternative parking provision available at M&S (time limits apply) and within the shop forecourt area. Limited impact on general traffic flows.



The plan above indicates the extent of the area covered by the two main drawings

KEY

Issue	Benefit
Opportunity	Impact
Bus lane	Toucan crossing
Cycle lane	Trees
Landscaping	Signalised junction
Carriageway	Bus stop
Footway /shared surface	

