

CASE STUDY: HESSLE ROAD CYCLE LANES, HULL



Partners: Hull City Council

Region: Yorkshire & the Humber

Type of scheme: On-road cycle lanes to encourage more cycling and improve road safety on a busy main road.

Who benefits?

- All cyclists, particularly commuters,
- National Cycle Network users,
- Pedestrians and local residents
- Vehicle occupants due to safer, more appropriate, lower vehicle speeds

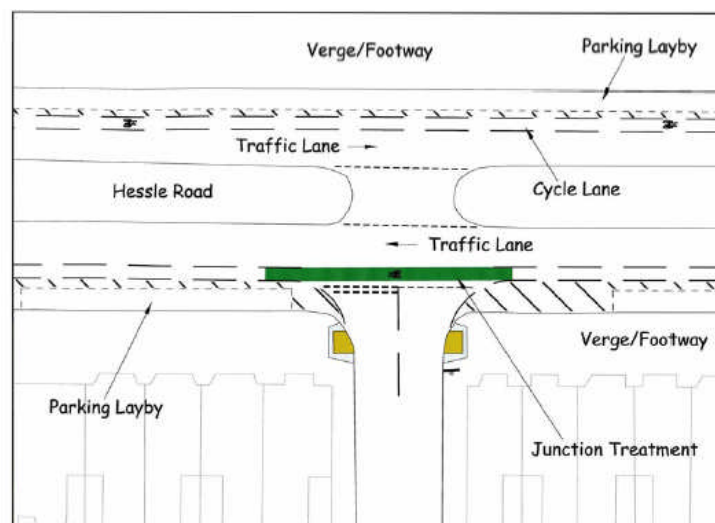
Noteworthy features:

- Main radial traffic route into City Centre;
- Part of the National Cycle Network;
- Dual 2-lane carriageway converted to single traffic lane with advisory cycle lanes;
- Cycle casualties reduced from 23 (in 3 years before) to 12 (3 years after);
- Cycle flows along the route increase by over 100% from 290 per day (before) to 600 per day (after), and sustained in the 8 years since the scheme was implemented;
- Widely applicable – 5 other similar routes since treated in Hull.

Description:

Reduction of traffic lanes from 2 to 1, to accommodate cycle lanes

Hessle Road is a main radial route into Hull City Centre from the west. One traffic lane was removed and car parking laybys marked out. The additional road space that was created was re-allocated to cyclists, by the installation of a hatched “buffer zone” and 1.3-1.5 metre wide advisory cycle lanes along the outside of the parking bays. Two traffic lanes were retained on the immediate approaches to major junctions, with the advisory cycle lanes moved next to the kerb and double yellow lines installed to ensure they were kept free of parked vehicles.



Hessle Road Cycle Lanes – General Layout

Junction treatment

The advisory cycle lanes were continued across side road junctions, with green coloured surfacing and cycle logo added to reinforce where the side road stop line is and to highlight the

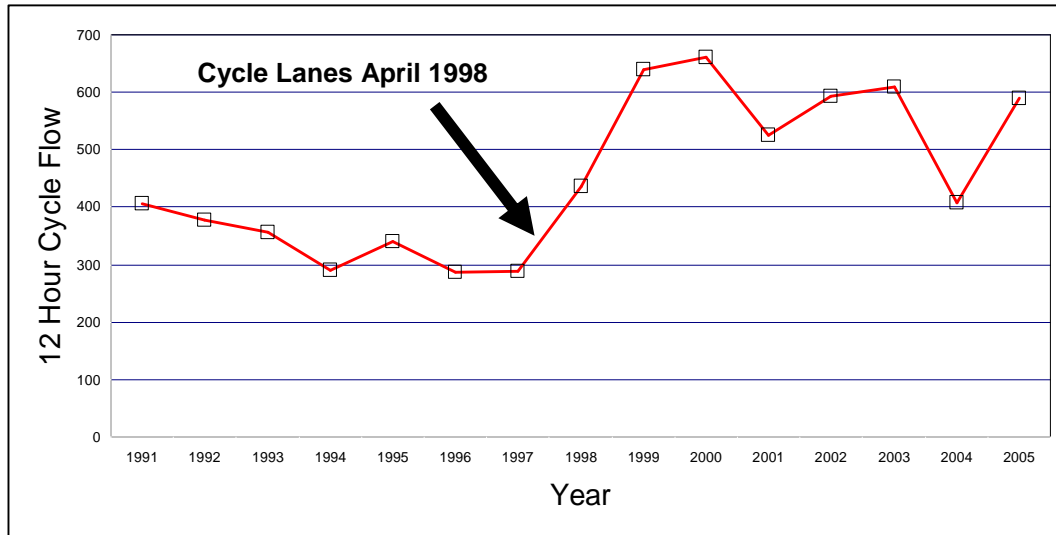
presence of cyclists to drivers.

Outcomes:

Road Casualty Reduction (3 years before and after)

Accident Type	Before	After	Reduction
All Casualties	65	29	55%
Cyclists	28	12	57%
Pedestrians	14	6	57%
All Types KSI	10	4	60%

Increased Cycling



Speed reduction

The reduction in the number of traffic lanes and a narrowing of those remaining to 3 metres, resulted in a reduction in 85th %ile traffic speeds of around 4mph.



Contact for further information

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