

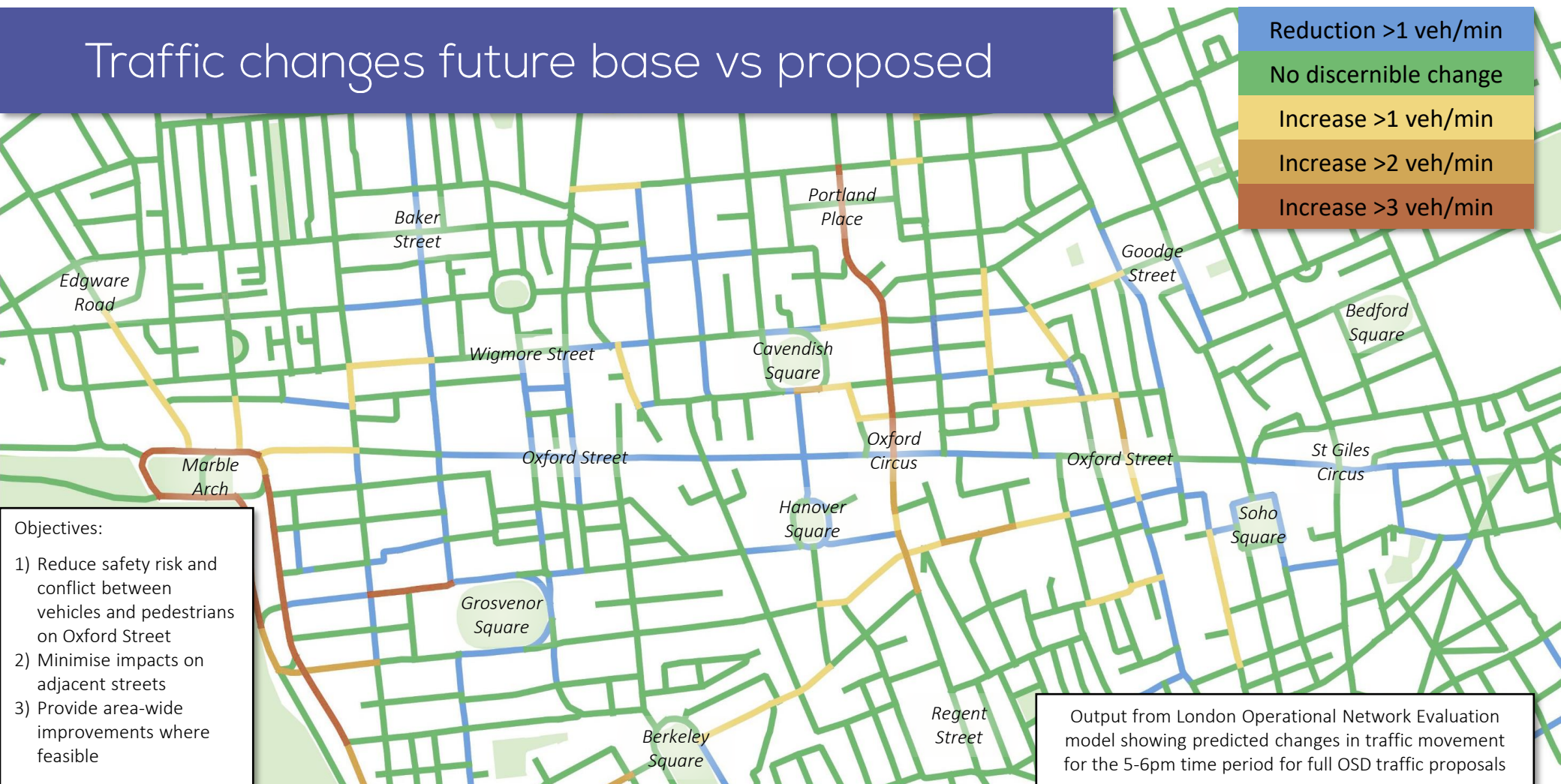
## Traffic modelling undertaken for OSD

Traffic modelling: 4 Stage process – Base 2016, Baseline 2018, Future Base 2021, Proposed Scheme 2021

- Traffic signal method of control design 50+ traffic signal sites where changes are proposed to manage and improve network operation
- LinSig junction capacity modelling - 4 stage – District wide – all traffic signal junctions
- VISSIM microsimulation network modelling - 4 Stage - 2x Area models + 1x Corridor
- TfL ONE modelling (London Operational Network Evaluation model) – 3 Stage - [londons-strategic-transport-models.pdf \(tfl.gov.uk\)](https://tfl.gov.uk/road-works/strategic-transport-models)

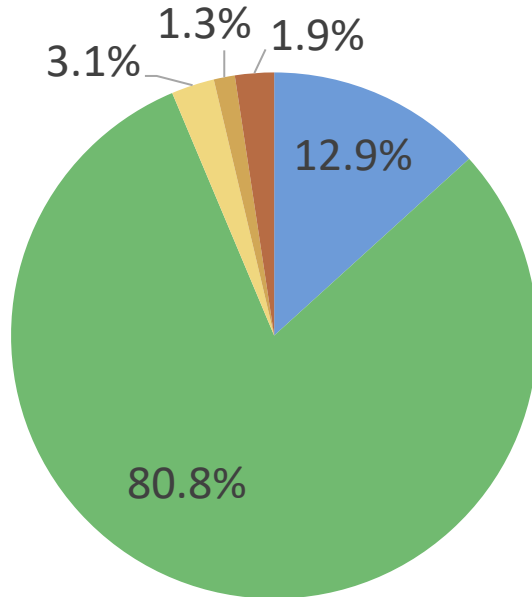
All traffic models have been developed by experienced consultant teams with a track record for accuracy and reliability proven by previous major schemes delivered in Westminster and Central London boroughs. TfL in its statutory role as network manager has reviewed in detail and approved all traffic modelling prepared for the scheme through its industry leading model audit process.

# Traffic changes future base vs proposed

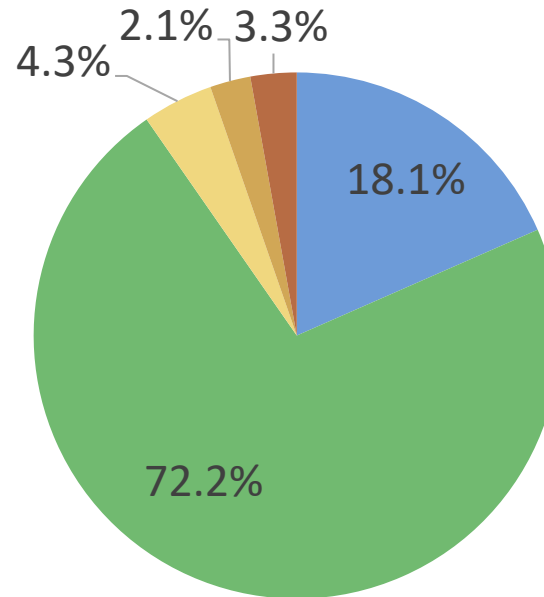


# Traffic changes future base vs proposed

**OSD AM peak predicted traffic changes**



**OSD PM peak predicted traffic changes**



Reduction >1 veh/min

No discernible change

Increase >1 veh/min

Increase >2 veh/min

Increase >3 veh/min

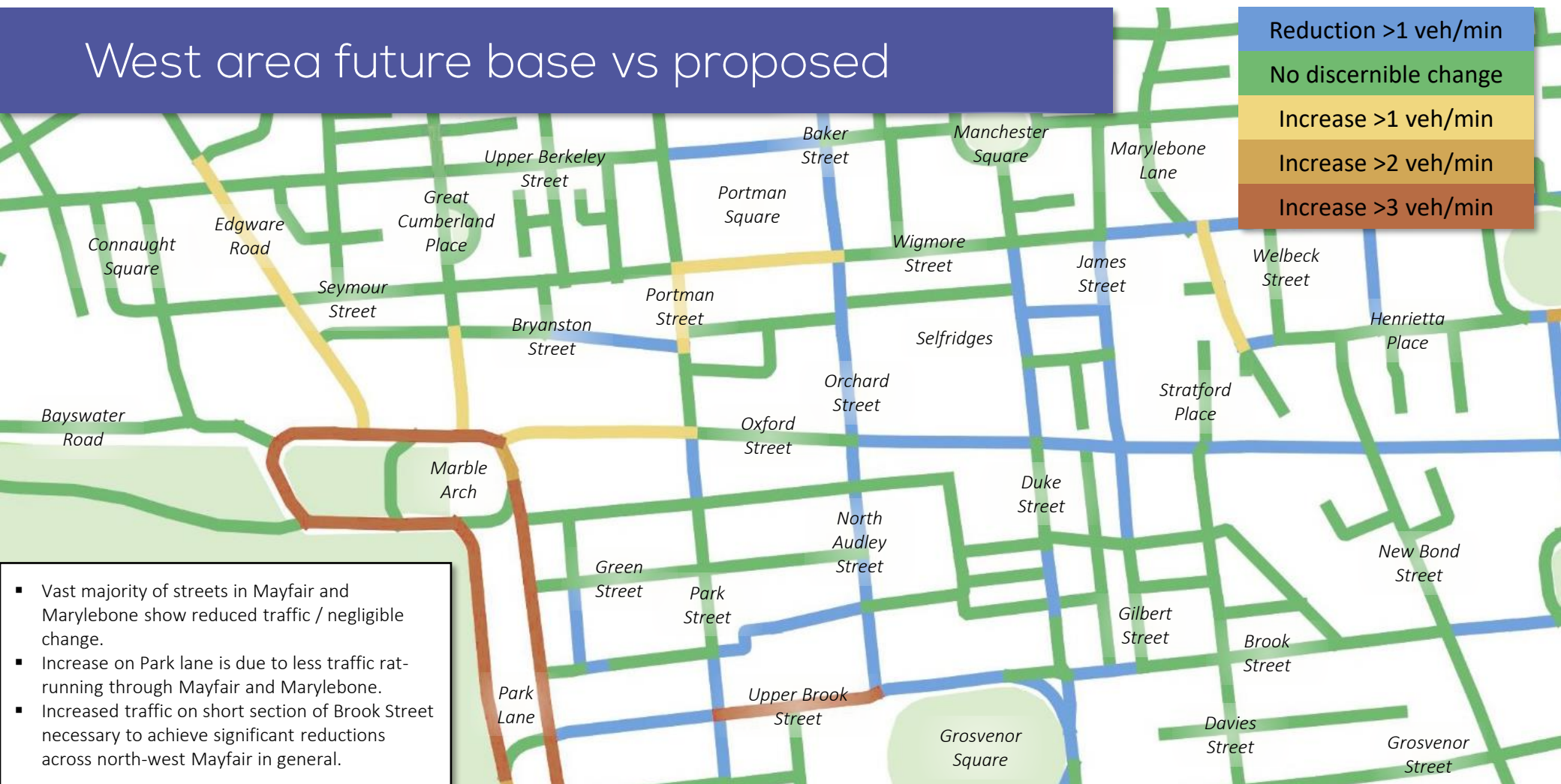
## Summary of all traffic changes across the district – London Network Evaluation Model

The vast majority of streets experience a reduction or negligible change in traffic as a result of OSD proposed scheme traffic changes

A small number of streets will see minor increases that are expected to be balanced by future traffic management schemes

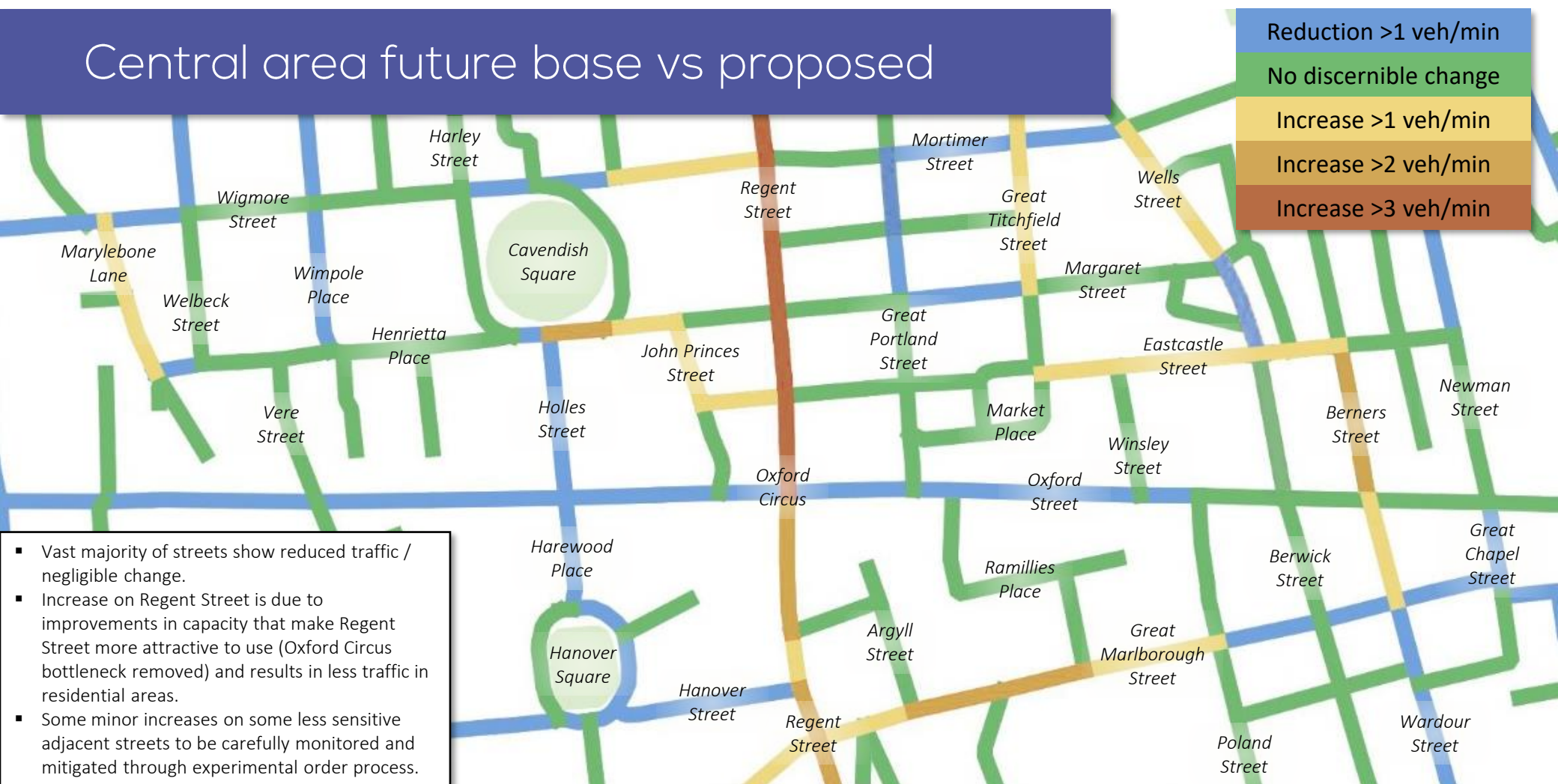
Only three locations where more significant increases in traffic are expected. These increases are all a result of achieving significant reductions in adjacent residential areas

# West area future base vs proposed





# Central area future base vs proposed



# Central area future base vs proposed

