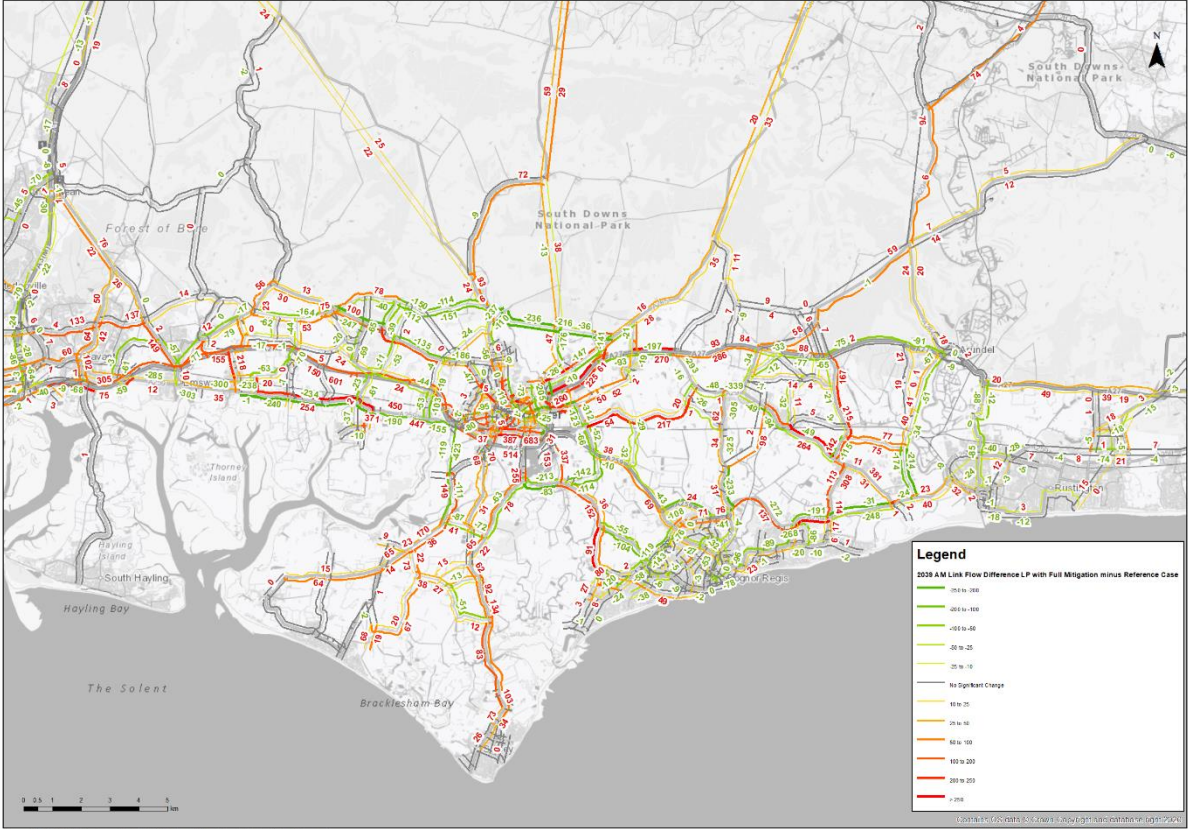
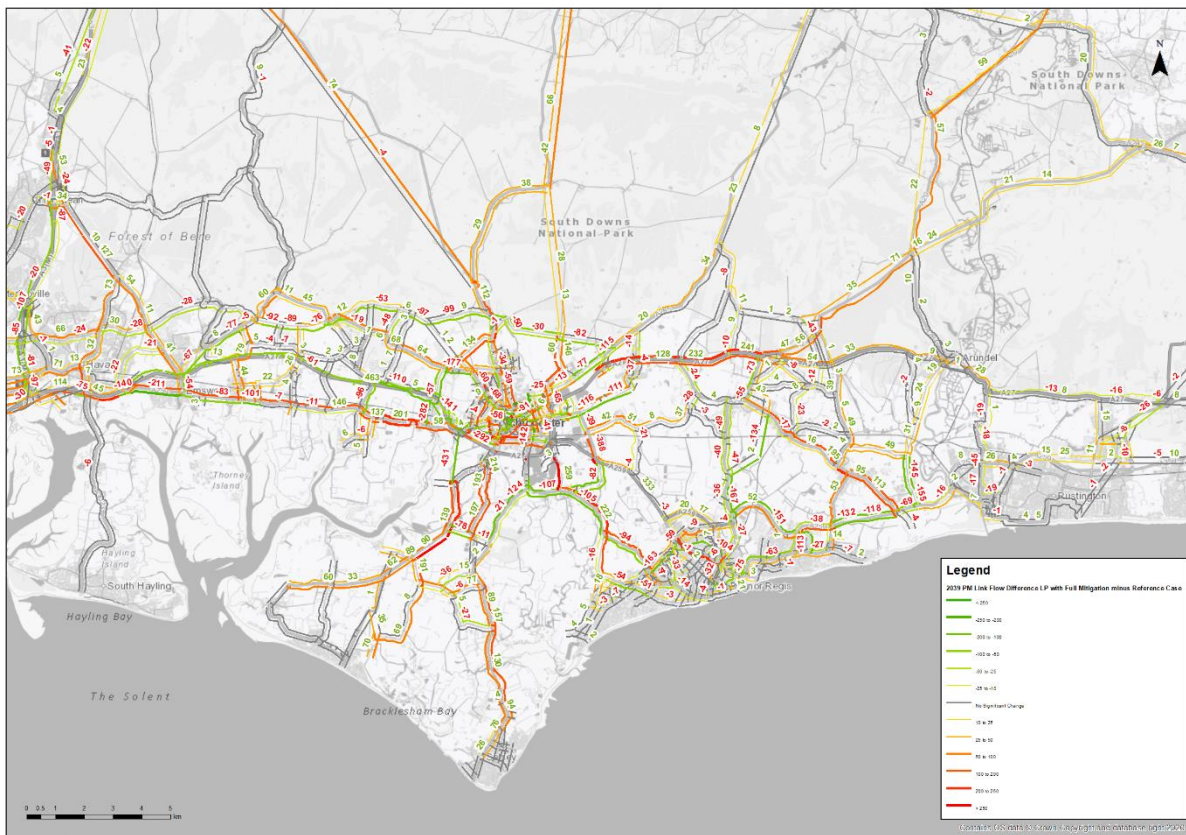


**Figure G1.1:** AM - 2039 Local Plan With mitigation minus 2039 Reference Case – Flow PCU



**Figure G1.2: PM - 2039 Local Plan With mitigation minus 2039 Reference Case – Flow PCU**



In the AM peak the key flow changes are as follows:

- Decreases on New Road of the order of 220 PCU/hour eastbound and 235 PCU/hour westbound;
- Decreases on Down Road of the order of 147 PCU/hour eastbound and 113 westbound;
- Decreases on the B2178 of the order of 60 PCU/hour southbound into Chichester;
- Decreases on Appledram Lane South of the order of 421 PCU/hour northbound and 121 PCU/hour southbound as a result of traffic diverting to use the Stockbridge Link Road (SLR);
- Decreases of 192 PCU/hour on A259 Main westbound while the eastbound sees an increase of up to 448 PCU/hour;
- Decreases on A286 Stockbridge Road south of the A27 Stockbridge junction of 185 PCU/hour southbound and 214 PCU/hour northbound;
- Increases on A286 Stockbridge Road north of the A27 Stockbridge junction of 164 PCU/hour southbound and 418 PCU/hour northbound;
- Increases on B2145 south of the A27 Whyke junction of 195 PCU/hour southbound and 269 PCU/hour northbound;

- Increases on B2145 north of the A27 Whyke junction of 225 PCU/hour southbound and 222 PCU/hour northbound;
- Increases on the A259 Bognor Road to the east of Chichester of the order of 777 PCU/hour northbound;
- There are other notable flow increases on roads within Chichester city such as on the A286 'inner ring road', A259 Via Ravenna and on Terminus Road.

1.1.1 The A27 Chichester Bypass generally shows large increases in flows which can be summarised as follows:

- To the west of the Fishbourne junction, flow increases of 145 PCU/hour are predicted eastbound and 602 PCU/hour westbound;
- between the Fishbourne junction and Stockbridge junction the flow increase is 446 PCU/hour eastbound and 151 PCU/hour westbound;
- between Stockbridge junction and Whyke junction the flow increases are 565 PCU/hour eastbound and 389 PCU/hour westbound;
- between Whyke junction and Bognor junction the flow increases are 1,31 PCU/hour eastbound and 682 PCU/hour westbound;
- North of the Bognor junction flow increases on the A27 are predicted to increase by 766 PCU/hour northbound and 814 PCU/hour southbound.

Some of the key flow changes predicted in the PM peak are as follows:

- Decreases on New Road of the order of 421 PCU/hour eastbound and 250 PCU/hour westbound;
- Decreases on Down Road of the order of 338 PCU/hour eastbound and 106 westbound;
- Decreases on the B2178 of the order of 195 to 600 PCU/hour southbound into Chichester, while flow increases are predicted northbound ranging from 189 PCU/hour, through 447 PCU/hour to 632 PCU/hours at various sections of the B2178;
- Decreases on Appledram Lane South of the order of 456 PCU/hour northbound and 155 PCU/hour southbound as a result of traffic diverting to use the Stockbridge Link Road (SLR);
- Decreases of 103 PCU/hour on A259 Main westbound while the eastbound sees an increase of up to 50 PCU/hour;
- Decreases on A286 Stockbridge Road south of the A27 Stockbridge junction of 100 PCU/hour southbound and 157 PCU/hour northbound;
- Increases on A286 Stockbridge Road north of the A27 Stockbridge junction of 461 PCU/hour southbound and 303 PCU/hour northbound;
- Decreases on B2145 south of the A27 Whyke junction of 161 PCU/hour southbound and 389 PCU/hour northbound;
- Increases on B2145 north of the A27 Whyke junction of 387 PCU/hour southbound and 277 PCU/hour northbound;
- Increases on the A259 Bognor Road to the east of Chichester of the order of 336 PCU/hour northbound and 448 PCU/hour southbound;

1.1.2 The A27 Chichester Bypass generally shows large increases in flows which can be summarised as follows:

- To the west of the Fishbourne junction, flow increases of 554 PCU/hour are predicted westbound and decrease of 247 PCU/hour eastbound;
- between the Fishbourne junction and Stockbridge junction the flow increase is 332 PCU/hour eastbound and a decrease of 247 PCU/hour westbound likely due to traffic reassigning to the SLR;
- between Stockbridge junction and Whyke junction the flow increases are 966 PCU/hour eastbound and 243 PCU/hour westbound;
- between Whyke junction and Bognor junction the flow increases are 1,082 PCU/hour eastbound and 793 PCU/hour westbound;
- North of the Bognor junction flows on the A27 are predicted to increase by 978 PCU/hour northbound and 777 PCU/hour southbound.