

Strategic Cycle Network for Mole Valley

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Why do we need a cycle network?

- Shifts transport priorities in favour of non-car modes of transport
- Reduces air pollution
- Meets the needs of those who choose to cycle
- Fulfils the requirements under the Transport Act 2000 for local transport authorities to produce a "local cycling strategy"



The benefits of regular cycling are irrefutable:

- Cyclists live longer
- Less obesity
- Less heart problems
- Less mental health problems





Economic benefits

 People cycle where there are good cycle routes – and no further...

...your town/village/shop will benefit from being on a cycle route

- Reducing traffic congestion
- People love Mole Valley for the quality of its environment...

...cycling is the only transport option that enhances the environment



What does a cycle network look like?

- 1. It must be convenient to use
- 2. It must offer direct routes
- 3. It must be attractive
- 4. It must be safe

If it fulfils these goals... *people will use it!*



1. Convenience

- Easy to use from end-to-end
- Continuous routes
- Adequate parking at shops, offices and homes
- Seamless integration with public transport
- Can still be used after dark
- No barriers across paths
- Well signposted





2. Directness

- Cycle routes must take a direct route to be attractive
- Junctions should prioritise cycle traffic
- Existing leisure routes can provide a "scenic" alternative option to a parallel fast route





3. Attractiveness

- Surfaces, landscaping and street furniture should be well designed and maintained
- Free from litter and broken glass
- Separate from fastmoving motor traffic





4. Safety

Two kinds of safety:

- Actual safety
- Subjective safety

Make it really safe but... ...make it *feel* safe too





Where will it go?

- Main towns (Dorking, Ashtead and Leatherhead)
- Housing areas (Great Bookham, Fetcham)
- Schools (Ashcombe, H of E etc.)
- Employment areas (business parks etc.)
- Tourist attractions (Box Hill, Polesdon Lacey)
- Railway stations
- Links to villages (Westcott, Beare Green, Effingham etc.)





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Beyond Mole Valley

- Highest population density is in the north of the district along the Bookham–Leatherhead– Ashtead "corridor"
- Connecting with other towns:
 - North -> Kingston, Epsom
 - East -> Reigate, Banstead (NCN* route 22)
 - South -> Horsham and the Downs Link
 - West -> Guildford (NCN 22), Cobham





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Who is going to use it?

- Children
- Women
- The Elderly
- Disabled (tricycles and buggies)
- Ages 8 to 80
- In short...everyone
- Old age or disability should not be a barrier to using a bicycle!



High quality

Attention to detail:

- Usable width of paths (Govt. recommended minimum of 2m)
- No steep kerbs, sharp curves or blind bends
- Routes should be free from obstructions:
 - Parked cars
 - Street signs
 - Drain holes, tree roots etc.
 - Unnecessary barriers



Maintenance

- Regular maintenance is essential to keep routes of a high quality
- Paths kept clear of leaves, snow etc.





Cycle parking

When people get to their destination they will need somewhere to park their bike:

- Plenty of spaces
- Safe and well lit
- Preferably covered...
 ...and not at the far end of the car park!





In conclusion...

- Routes are for everyone (ages 8 to 80)
- They are fast and direct
- They are attractive
- They feel safe
 - ...people will choose to use them

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