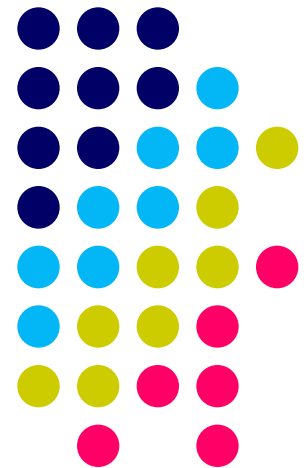
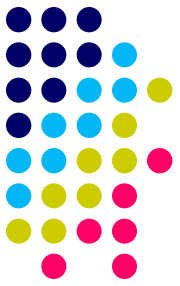


Mole Valley Cycling Forum

School Approaches Howard of Effingham



Objectives

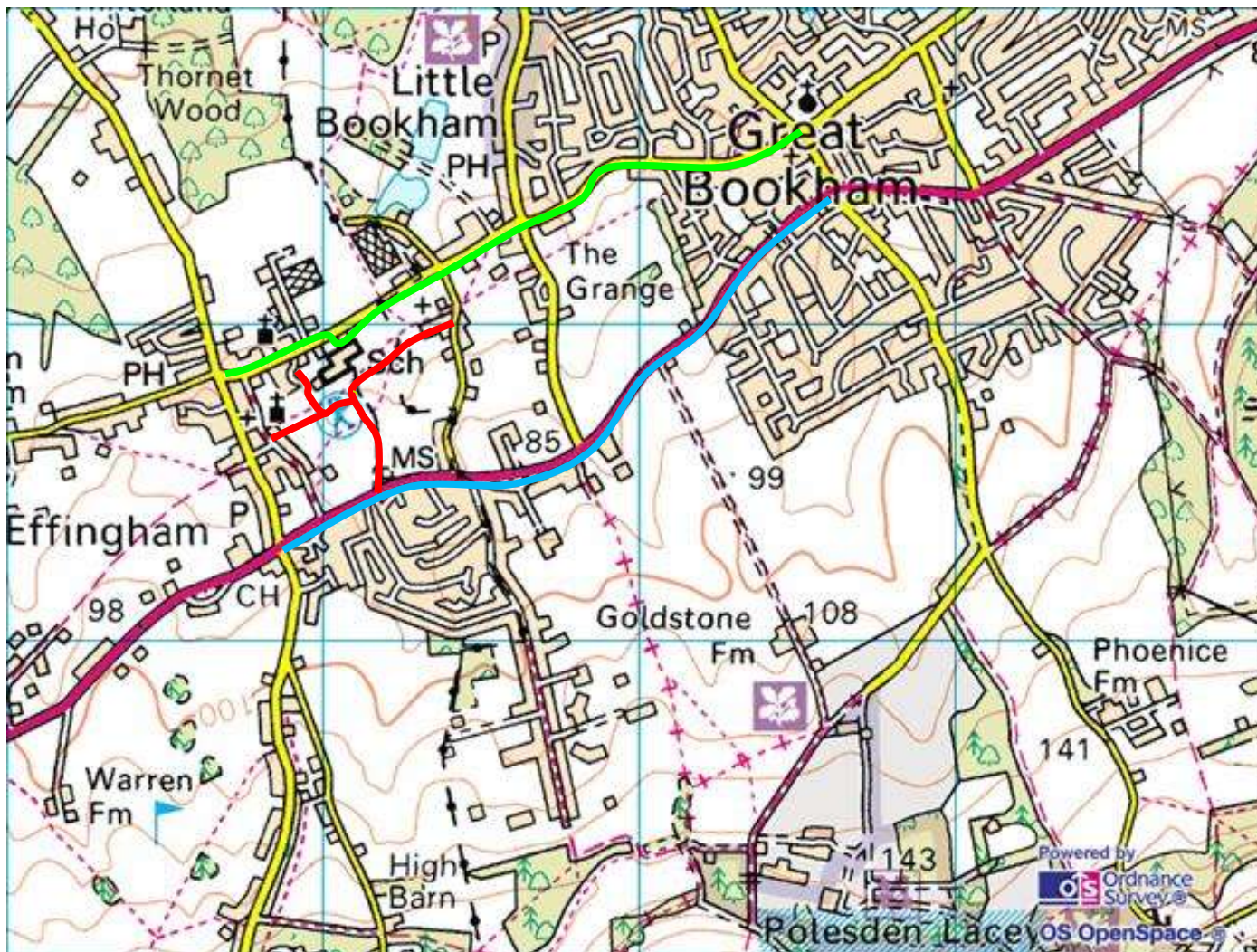
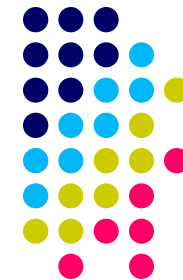


To provide:

- Safe cycling to and from H of E catchment area
- Useful leisure links
- Useful community links



Routes Surveyed



Lower Road



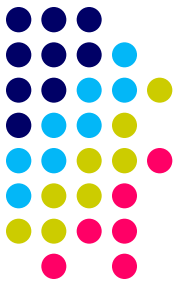
Guildford Road
(A246)



King George's Field



Student Travel to School



- Mode – (Transport Plan 16.02.11)

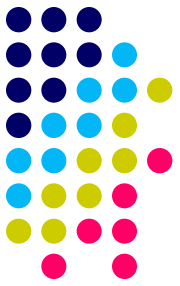
- Walking 38%
- Cycling 13%
- School Bus 21%
- Public Bus 2%
- Car Share 7%
- Car 19%

- Distance – (January 2009)

- Pupils living up to 500m from school <1%
- Pupils living up to 1000m from school 3.6%
- Pupils living up to 1500m from school 10.5%
- Pupils living up to 2000m from school 12%
- Pupils living 2000m or more from school 73%

Number of
Pupils 1,580

Context



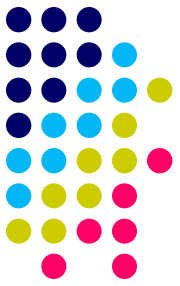
- Guildford Road (A246) Steady traffic flow all day.
Mix of cars, lorries, motorcycles, buses.
- Lower Road busy at peak hours
- Nearby:
 - Other schools
 - Local shops, garden centres, garages
 - Local sports fields and facilities
 - National Trust properties
 - Medical Practices

Issues

- Narrow paths in poor condition along Lower Road, A246 and Effingham Common Road
- Poor quality cycle path along Lower Road
- No cycle path along the A246 or Effingham Common Road
- Lots of intersections
- Lack of adequate crossing points
- Horsley woods cycle path is not lit
- Congestion at peak times



Potential Users



Howard of Effingham
St Lawrence Primary
St Teresa's Prep
Manor House
Dawnay

- Schools

- Pupils
- Staff

To Great Bookham
and The Street,
Effingham

- Shoppers

King George's Field,
Ranmore, Polesden
Lacey, Bocketts

- Leisure

- Commuters

- Modes

- Cycling
- Walking
- Wheelchairs

Effingham Junction
Bookham



Benefits of Cycling



- Daily exercise improves physical health of:
 - Students
 - Staff
- Students learn road sense BEFORE they learn to drive
- Families save money
- Surrounding community can enjoy:
 - Less polluted environment
 - Less traffic Congestion
 - Improved road safety
- Fewer parked cars along nearby roads

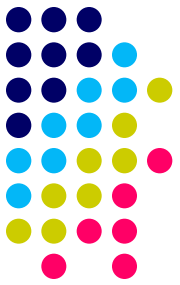
Health Benefits of Cycling



- Regular exercise builds:
 - Stronger muscles
 - Stronger bones
 - Stronger cardio-vascular systems
 - Metabolic efficiency
- Regular exercise prevents:
 - Build up of excess adipose tissue
 - Obesity related illness
- Exercise before study
 - Improves blood flow to brain:
 - Better concentration
 - Better retention



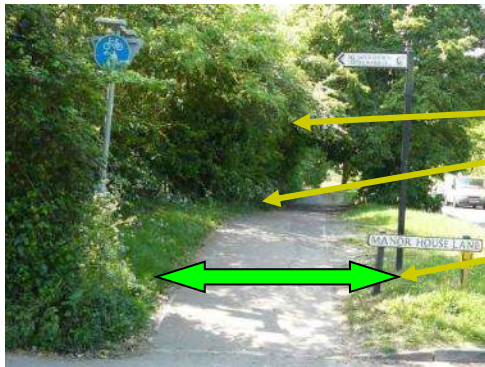
Lower Road - Entrance



Entrance to school narrows

There is room to widen entrance to 4 metres

Footpath traffic joined by on road cyclists



Footpath is overgrown in Summer

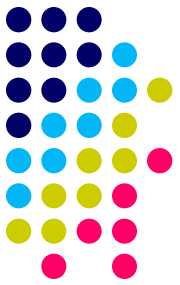
There is space to widen the path to 3 metres

Footpath is waterlogged in Winter

Grass verge is damaged and unsightly

Regular maintenance should follow DFT guide

Lower Road - North Side



Bushes and trees encroach

Path width reduced by vegetation

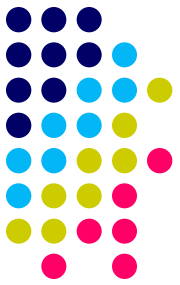


Signs are confusing

Refuge not designed for cyclist crossing

There is scope for a Cycle priority crossings in conjunction with a road hump/speed table

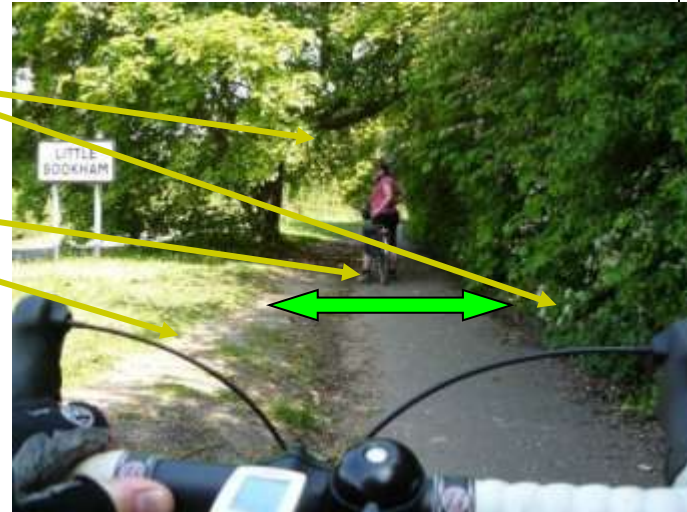
Lower Road - School Approach



Trees and Bushes are not cut back

The path is overgrown

Users extend path width to verges

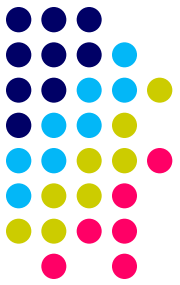


Flooding continues along footpath

Path requires a 3metre width for traffic at peak times

Users extend path width to verges

Lower Road - Manor House Lane



Road Markings and Signage are poor

Manor House Lane junction has scope for a Cycle priority crossings in conjunction with a road hump/speed table



Rider comfort and visibility can be improved by cutting back vegetation

Lower Road - Rectory Lane



Overhanging and encroaching vegetation

Kerb not dropped to allow access from roundabout

Road markings worn

No "cycles" warning sign on approaches to crossing

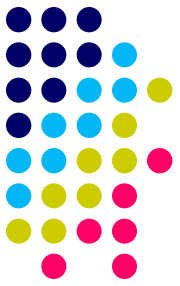
Drop kerbs not flush with road

Confusing road markings

Road width suitable for discretionary cycle lane

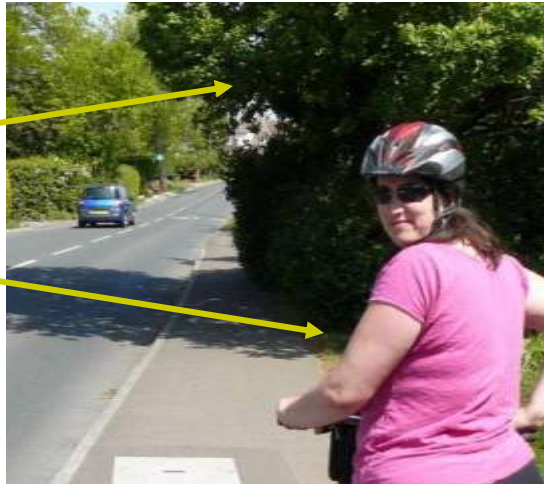


Lower Road - Rec Grnd.



Overhanging
vegetation

Encroaching
vegetation

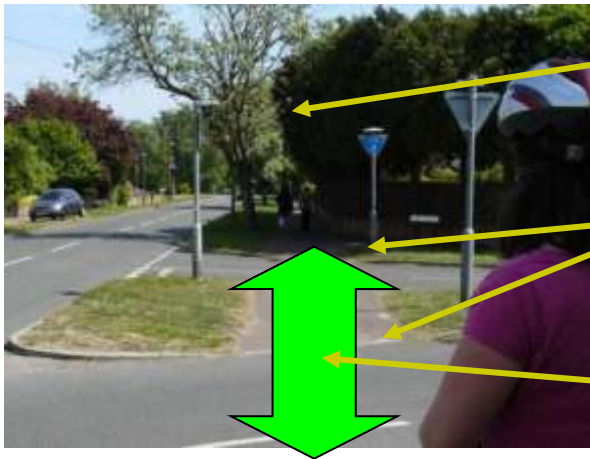


Conflicting signs

- Eastbound
- Westbound



Lower Road - Great Bookham



Overhanging and encroaching vegetation

Signage to approach needed

Some Kerbs need minor attention

Some kerbs need widening

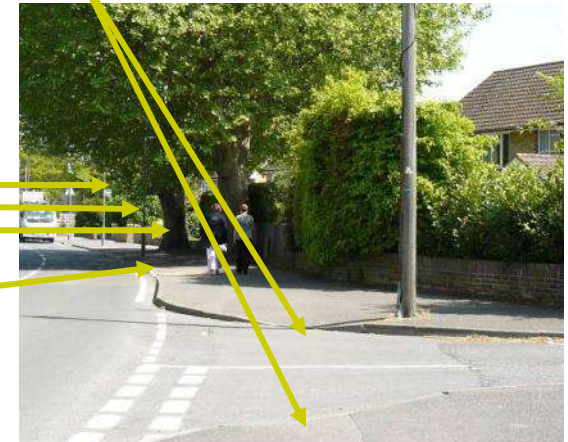
Scope for Cycle priority

Trees, lamps and signs
constricting path

Driveways

Increasing urbanisation

Alternative route or
discretionary cycle lane?



Guildford Road (A246) -1



Griffin Way:

Very nice junction

Calm effect

Good kerbs

Scope for dual use



Provide an off-road route via Groveside from residential roads in South Bookham

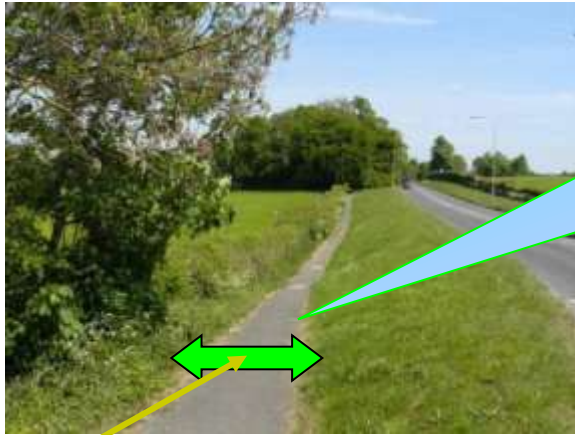
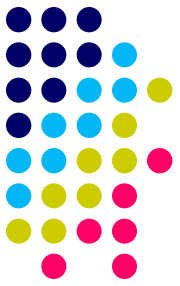
At the change of speed limit:

Upgrade paths on both sides of A246

Add a cycle-friendly refuge



Guildford Road (A246) -2



Potential dual use path to Hawkwood Rise
Good Drainage
Pleasant riding

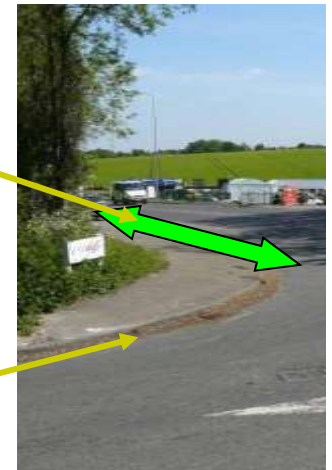


Rectory Lane Bus stop used once per day, could be converted to Cycle lane

Width expandable to 2 metres



Rectory Lane junction needs clearing of vegetation to improve sight lines



Drop kerbs Needed

04/05/2011

Guildford Road (A246) -3



Potential dual use path from Rectory Lane to Manor House Lane

Width expandable to 2 metres

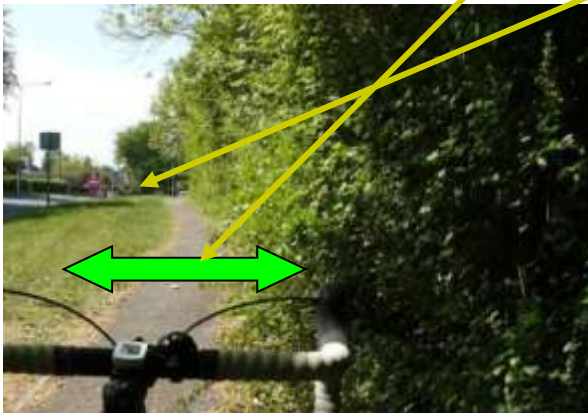
Protruding tree



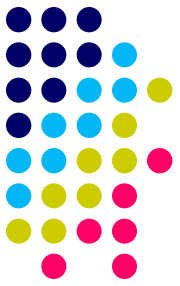
Bus stop / layby could be used as cycleway

Good kerbs

Good sightlines



Guildford Road (A246) -4



Potential dual use path from Manor House Lane to King George's Field

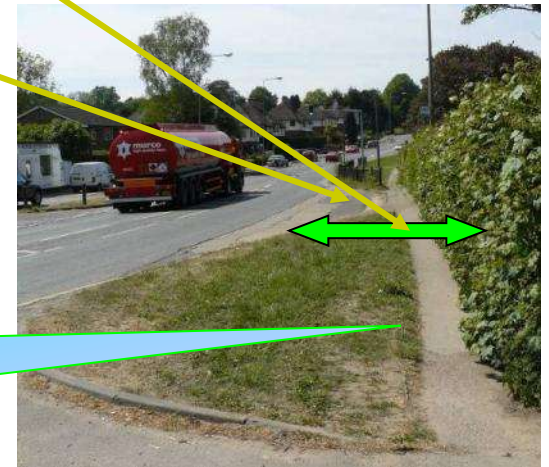
Width expandable to 2 metres



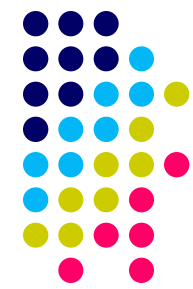
One bus per day

Needs a cycle / Wheelchair friendly entrance

Continuation route to Browns Lane



King George's Field



All weather path leading to rear of H of E School

Path to rear entrance or playing field



Space for more cycle storage
Access via paths to:



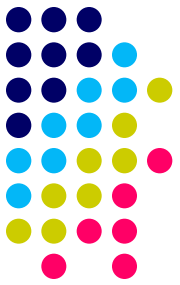
Lower Road
School field
Browns Lane



Footpaths could be dual use with rustic signs



Summary



Improvement

Benefit

Issues

1. Dual Use Footpath
South side of Lower
Road

Suitable for children
attending adjacent
schools, shoppers,
visitors and leisure
users.

Insufficient width
Poor maintenance
Poor drainage
Poor signage
Bad junctions

2. Discretionary cycle
lanes

Suitable for experienced
cyclists. Could be
considered at Gt.
Bookham approaches .

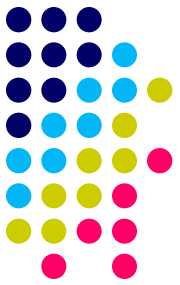
Dedicated cycle lanes
impractical. Safe Cycle
Lanes would have to be
“dashed” and green.

3. Dual use footpath
North side of Guildford
Road A246 With links
to King George’s Field
and South Bookham

Relieves traffic on
Lower Road and link
roads.

Junctions need to be
improved
Paths need to be
reclassified

Recommendations



- Cost complete package.
- Investigate rights of way issues.
- Carry out public consultation.
- Check school cycle training programme.
- Check with Local Access Forum.
- Consider cycle-way extensions to East Horsley, Fetcham, and Leatherhead.
- Consider cycle routes to Effingham and Bookham Rail stations.