

## 5.1: Oxford Road – A4260

v 1.0 – 16/10/19

### 5.1.1 Overview:

This is a principal road through the village, running from the central cross roads by the primary school, through the 30mph/40mph near Duchess Bridge to the 40mph/de-restriction just after the junction with Berry Hill Road. The Institute is at a bend by a junction, and used by a range of groups including Scouts and children's parties. A signal controlled crossing is provided here, and is used by pedestrian and wheelchair users accessing The Lake House nursing home. Two pubs and their associated traffic are just off the village green on Oxford Road.

### 5.1.2 Main Issues:

Oxford Road has the second highest traffic flows and highest recorded issues of speeding in Adderbury. Footways are narrow in places, requiring e.g. prams to run on kerblines, with walls and banks on both sides greatly restricting visibility for vehicle egress from properties. Visibility for through traffic is reasonable despite some vertical and horizontal impedance of sight lines.

Speeding is in both directions, with a greater concern about premature acceleration southbound. There appears to be reasonable adherence from the central cross roads to The Green, with most speeding between the signal controlled crossing and the corner after Duchess Bridge.

Vehicles tend to observe the double white lines prohibiting overtaking, but a number of near misses have occurred in both directions on the adjacent dashed section between residents attempting to exit restricted-visibility driveways and vehicles overtaking. Overtaking vehicles often do so to pass vehicles that are adhering to the speed limit.

At night the presence of approaching vehicles that are obscured by walls could often previously be detected by their lights. This has become largely impossible to detect due to the recent change of streetlight from halogen to LED, making both colour temperatures too similar to distinguish.

### 5.1.3 Overview Photographs:



**S/B Towards Duchess Bridge**



**N/B from Duchess Bridge**

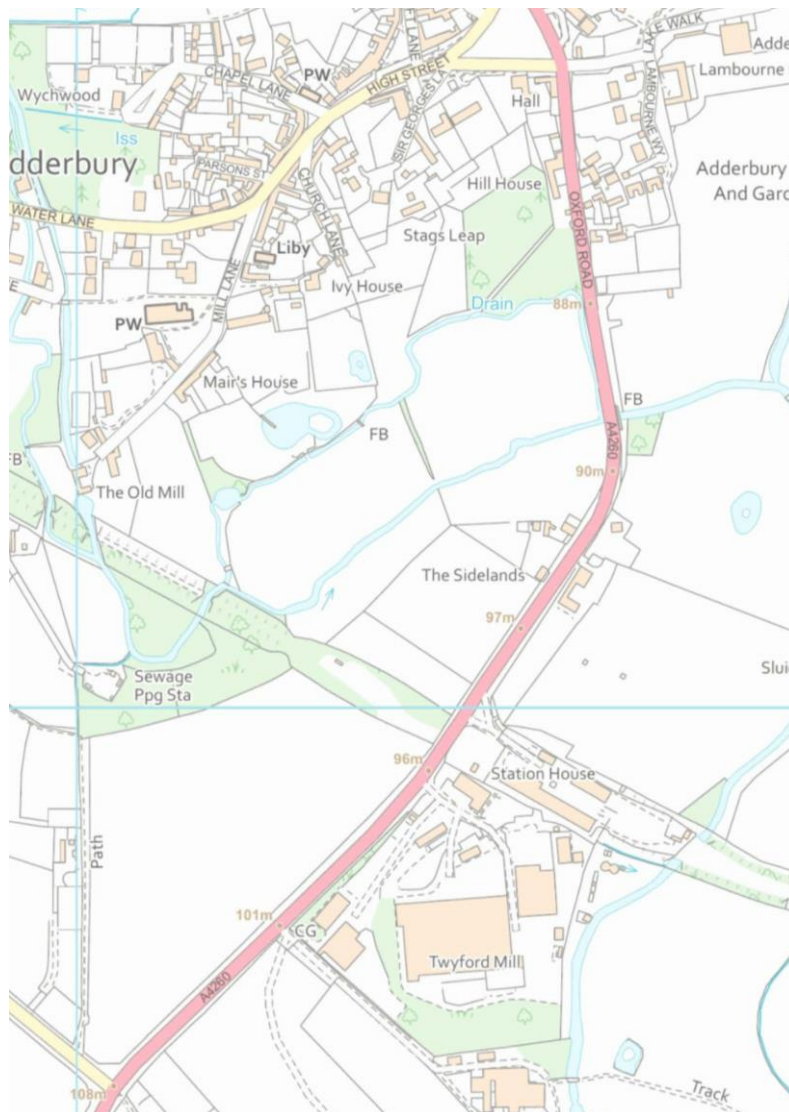
Adderbury Parish Council Environment Committee  
Traffic Calming Proposals



S/B West Adderbury Sign & Verge by Institute Wall

S/B Lamp Column 10, Walls and Narrow Footways

5.1.4 Location:



**5.1.5 Measures Proposed:**

All work to be developed by APC unless otherwise noted.

References relate to column and row references in 'Traffic Calming Measures' spreadsheet.

**B1: Foliage clearance.**

N/B LHS: numerous small trees between Duchess Bridge and the 30mph sign. Work to be undertaken by OCC Highways **[COMPLETE]**

S/B LHS: single overhanging branch obscuring 40mph sign **[COMPLETE]**

S/B RHS: branches from the last three trees before the 40mph sign **[COMPLETE]**

**B2: Gateways.**

Existing signage to be cleaned **[COMPLETE]**

Existing illumination of signage to be repaired. 1 day burner & 3 non-operational. Work to be undertaken by OCC Highways

Gates and signage to be installed at 30mph/40mph sign location. To be painted white and to match those on the other main road village entrances, probably angled due to narrow verges.

**B4&B5: Speed Repeater Signage and Roundels**

Install Diagram 880 speed repeater signs as noted plus white painted 30mph speed roundels on adjacent roadway

N/B RHS: On lamp column 10. (or on LHS on post for 'Library' sign, if not obscured by van)

S/B LHS: On lamp column 6, near to the Red Lion pub sign

S/B LHS: On lamp column 10

Depending on enforcement van location, it may be necessary to install a further sign N/B between the 30mph start and the van location. Lamp column 12 or 13 may be suited if the RHS is acceptable.

**B6: No Overtaking**

Extend the double solid white lines prohibiting overtaking at Duchess Bridge past the 30mph signs to terminate immediately prior to the driveways of the most southerly properties.

**B7: Hazard Signage**

'Children Playing' signs on each approach to the Institute, using lamp columns in B4.

**B17: Additional 40mph Repeater Signage**

Provide additional 40mph repeater signs between 40mph start and Duchess Bridge, both directions.

**B20: Police Enforcement Location**

Three locations to be discussed with Thames Valley Police:

S/B LHS: on grass verge near lamp column 10.

S/B LHS: on grass verge near 40mph sign

N/B LHS: on grass verge by Institute back wall

**B21: Community Speedwatch**

Camera to be mounted on existing lamp column:

S/B LHS: on lamp column 10.

N/B RHS: on lamp column 10.



### 5.1.6 Possible Further Work

#### B12: Constraints on Roadway

The traffic data warrants gateway approach enhancements on the straight between Duchess Bridge and the 30mph signs such as in Aynho on the approach from Adderbury. However, the narrow verges and close proximity of drainage ditches mean that this is impractical without retaining walls or equivalent.

Therefore a 'virtual constraint' is proposed using a c. 600mm wide, 25m long ghost island coupled with slight outward realignment of kerbs by approx. 300mm on each side.

This ghost island should be formed of solid lines to prohibit overtaking.

#### B15: Count Down Markers

To further emphasise the approach, III, II, I count down markers can be installed on the N/B LHS on the approach to the gateway.

### 5.1.7 Examples of Work Proposed



Count Down Marker



Diagram 880 Speed Repeater Signs and Roundels



Ghost Island provision requiring minimal verge-take.



Painted Gates & Signs, Angled on Narrow Verge