

Adderbury Parish Council – Environment Committee

Traffic Calming



Main Issues Identified by Residents

Milton Road & related developments	Oxford Road	Banbury Road	Twyford Road
Excessive Speed entering and leaving, Unsafe Overtaking	Excessive Speed entering and leaving, Unsafe Overtaking	Speeding & ease of crossing	Speeding leaving the village

Berry Hill Road	Horn Hill Road, Water Lane, High Street,	Traffic lights: Aynho Road, Banbury Road, Oxford Road	Twyford roads
Excessive Speed	Excessive Speed	Congestion - morning and evening peak traffic.	Rat running due to congestion on Banbury and Aynho Roads

Calming & Enforcement - Options

Key - Relative Rough Costs: <£5,000 <£10,000 >£10,000 Not Cost Driven

Issues and Potential Measures					Specific Areas of the Village to be Investigated							
Ref					A	B	C	D	E	F	G	H
	Issues Identified (across) and	Cost	Approval		Milton Road & related developments	Oxford Road	Twyford roads	Traffic lights: Aynho Road, Banbury Road, Oxford Road	Berry Hill Road	Horn Hill Road, Water Lane, High Street	Banbury Road	Twyford Road
	Potential Measures (below)	Relative Cost of Each Measure	Highest Level of Approval Required		Excessive Speed entering and leaving, Unsafe Overtaking	Excessive Speed entering and leaving, Unsafe Overtaking	Rat running due to congestion on Banbury and Aynho Roads	Congestion - morning and evening peak traffic.	Excessive Speed	Excessive Speed	Speeding & ease of crossing	Speeding leaving the village
1	Foliage Clearance - sign visibility	<£5,000	APC		n/a	Urgent - Signs largely obscured near bridge southbound both sides.	n/a	n/a	Ensure relocated position is clear	n/a	n/a	n/a
2	Gateways – enhance all approaches (re-paint & resign - e.g. as S. Newington. Nothing currently on Oxford Road)	<£5,000	APC		In place, enhance	Not in place. Introduce by Duchess Bridge	n/a	n/a	In place, enhance & relocate under first streetlight	n/a	In place, enhance	In place, enhance
3	White on red speed roundels at gateways (in use in e.g. Deddington). Note - would need an OCC 'departure'.	<£5,000	OCC		Introduce (at 60mph to 30mph)	Introduce at bridge (at 40mph to 30mph)	n/a	n/a	Introduce (at 40mph to 30mph) (see relocation)	n/a	n/a	Introduce (at 60mph to 30mph)
4	Additional 30mph fixed signage (only sign dia.880 with camera symbol permitted)	<£5,000	OCC		Introduce (max two permitted in each direction)	Introduce (max two permitted in each direction)	n/a	n/a	Introduce (max two permitted in each direction)	Introduce (max two permitted in each direction)	Introduce (max two permitted in each direction)	Introduce (max two permitted in each direction)
5	On-road repeater speed roundels (only in conjunction with sign dia.880)	<£5,000	OCC		Introduce (max two permitted in each direction)	Introduce (max two permitted in each direction)	n/a	n/a	Introduce (max two permitted in each direction)	Introduce (max two permitted in each direction)	Introduce (max two permitted in each direction)	Introduce (max two permitted in each direction)
6	No overtaking on approach to gateways (solid double white lines in place of dashed)	<£5,000	OCC		Introduce for c. 300m entering & 100m leaving from 30mph	Extend existing c.50m for all the 40mph zone & possibly to the first houses. Ghost Island at gateway.	n/a	n/a	Not aware of overtaking being a problem	n/a	n/a	Not aware of overtaking being a problem
7	Hazard signage near community facilities (e.g. children, infirm people) (need to check max distances from facilities).	<£5,000	OCC		Introduce near play area	At Institute. May not be permitted due to crossing	In place near The Rise Play Area	School signage in place	n/a	Possibly near footpaths & roads from Lucy Plackett	Care Home, Bowls Club	n/a
8	Black on Yellow signage (e.g. Kill your Speed, possibly including 30mph) and/or OCC calming signage.	<£5,000	OCC/APC		Could be used if dia.300 sign refused	Could be used if dia.300 sign refused	n/a	n/a	Could be used if dia.300 sign refused	Could be used if dia.300 sign refused	Could be used if dia.300 sign refused	Could be used if dia.300 sign refused
9	Additional Vehicle Activated Signs (feedback about those installed is that they are of limited use)	<£10,000	OCC		In place, not considered effective	Could be added if effective, both directions?	Too many rat runs for one sign to be effective	n/a	In place, not considered effective	In place, not considered effective	n/a	Could be added if effective, both directions.

CALMING MEASURES

Calming & Enforcement - Options

[illegible]

OCC Traffic Surveys

Road	Survey Year			
	2012	2014	2017	2018
Aynho Road		Y		Y
Banbury Road		Y	Y	
Berry Hill Road				Y
High Street				Y
Horn Hill Road	Y			Y
New Road				Y
Oxford Road			Y	
Roads in Twyford (6 No.)				Y
Twyford Road		Y		

OCC Traffic Data

- **Mean (24h):** the average speed of all vehicles as measured in a 24 hour period.
- **85%ile (peak):** the highest hourly average of the speed that 85% of vehicles drive at or below. Ideally this will be at or below the speed limit for the road. Night and Day peaks are shown separately.
- **>45mph:** the number of vehicles exceeding 45mph (in a 30mph zone) in a 24 hour period
- **>60mph:** the number of vehicles exceeding 60mph (in a 30mph zone) in a 24 hour period

Quantifying the Concerns Raised

Road		Average		85%ile		85%ile		>45mph		>60mph
		Mean (24h)		(Peak hour - D)		(Peak hour - N)		Number		Number
High Street:		19 mph		24 mph		26 mph		0		0
Roads in Twyford:		18-23 mph		29 mph		32 mph		0		0
Horn Hill Road:		25 mph		33 mph		38 mph		3		0
New Road:		29 mph		36 mph		40 mph		9		0
Banbury Road:		30 mph		37 mph		50 mph		101		6
Aynho Road:		33 mph		39 mph		48 mph		224		6
Berry Hill Road:		34 mph		33 mph		51 mph		154		2
Twyford Road:		35 mph		39 mph		47 mph		216		2
Oxford Road:		38 mph		42 mph		54 mph		706		14

Village Approaches – Examples



Village Interior – Examples



Funding Allocation – Initial Views

Budget (000)	Measure	Location/Beneficiary	References - Potential Measures
5	Line & Roundel Painting	Village wide	A3, A5, A6, B3, B5, B6, E3, E5, F5, G2, G5, H2, H5
5	Signage - Dia 880 (& Hazard?)	Village wide	A2, B2, E2, F2, G2, H2, H4
5	Gateway & Signage - New	Oxford Road	B2
5	Gateway & Signage - Relocate	Berry Hill Road	E10
3	Enforcement Hardstandings	Oxford, Twyford & Milton Rds	A20, B20, H20
1	Speed Camera Repairs	Village wide	A21-H21
1	Small Works (e.g. paint & trees)	Village wide	A1, A2, B1, E1, E2, G2, H2
2	Oak Tree - Temp Closure	Horn Hill Rd & New Road	F14
2	Traffic Order No. 2	Village wide	
1	Contingency	Village wide	
30	Total		

Priorities – Funding Needed

Twyford Road, Berry Hill Road, Milton Road, Oxford Road



Constrictions – Funding Needed

Twyford Road, Berry Hill Road, Milton Road, Oxford Road



Progress To Date

- Environment Committee – Meeting c.Monthly
- Contact – Article aimed at Residents
- Letters to Adderbury Businesses (63)
- Identification of Issues & Potential Solutions
- Feasibility Walk Through – OCC Highways
- Traffic Data Analysis & Confirmation of Priorities
- Delegated Authority & Mandate – APC to EC
- Enforcement Request – APC to CDC to TVP
- Foliage Clearance – Oxford Road & Aynho Rd
- Sign Cleaning – Oxford Road cleaned
- Gateway Painting – Prices for All
- Reference Examples – Various
- Product Research – Various

Next Steps - Enforcement

- APC & CDC: Chase Enforcement Request
- CDC & TVP: Review & Agreement of Need
- TVP, OCC & APC: Agree Enforcement Locations
- TVP: Mobile Enforcement Location Risk Assessment
- APC & OCC: Hardstandings Works Packages & Procurement
- OCC: Hardstandings Construction
- TVP: Reallocate Mobile Enforcement

Next Steps - Calming

- APC: Feasibility Proposal – By Road & Holistically
- OCC & TVP: Review & Agreement
- APC: Village Consultation, Amendments as Needed
- OCC: Design Production & RSA (Stage 2)
- APC & OCC: Funding Approval
- APC: Traffic Orders – Exact Requirements
- OCC: Traffic Orders – Submission (12 weeks)
- OCC: Works Packages & Procurement – By Trade
- OCC: Works Construction
- OCC: RSA (Stages 3 & 4)

Next Steps – Community Speedwatch

- APC: Find out requirements
- APC: Find willing residents
- APC: Agree locations & frequency/rotas
- APC: Risk Assessments & Method Statements
- APC/OCC: Approve Funding
- APC: Source Mobile Speed Camera, PPE
- APC: Carry out Community Speedwatch
- APC: Serious & Persistent Offender Data to TVP
- TVP: Warning Letters to Offenders

Making Adderbury Safer - How Can We Help?

Role/Action	Lead	Support
EC Chair & Coordination	Martin Rye	Jonathan White
EC Minutes	Theresa Goss	EC Members
Proposal Papers/Comms	Jonathan White	EC Members
APC Budget & Procurement	Theresa Goss	Martin Rye
OCC Budget & Procurement	Geoff Barrell (OCC)	Arash Fatemian (OCC)
Roads - Technical	Jonathan White	Mike Wasley (OCC)
Feasibility Report Compilation	Needed	Jonathan White
Village Wide Improvements	Jonathan White	Martin Rye
Oxford Road	Jonathan White	Jonathan White
Twyford Road	Needed	Jonathan White
Berry Hill / Milton Road	Gareth Jones	Jonathan White
Aynho Road	Needed	Jonathan White
Banbury Road	Needed	Jonathan White
Oak Tree Corner	Keith Mitchell	Jonathan White
Clean Signs & Clear Foliage	n/a	Needed
Consultation with Residents	Needed	Needed
Community Speedwatch	Needed	Needed
TVP Enforcement	Martin Rye	Andrew McHugh (CDC)