

## 4.4 - Potential and Existing Traffic Calming Measures

Traffic Calming measures which could be used following analysis of speed data, costings and budgets.

v2.2 - 16/10/19 - For Inclusion in Proposals Report

Key - Relative Rough Costs : <£5000 <£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	I
	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	Aynho 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	Excessive Speed	
1	Foliage Clearance - sign visibility		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	40mph sign on RHS obscured by branch.	
2	Gateways – enhance all approaches [re-paint & resign - e.g. as S. Newington. Nothing currently on Oxford Road]		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	In place at 40mph, enhance there and at 30mph	
3	White on red speed roundels at gateways [in use in e.g. Deddington]. Would need an OCC 'departure', so on hold pending other options.		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)	Introduce (at 40mph to 30mph)	
4	Additional 30mph fixed signage [only sign dia.880 with camera symbol permitted]		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)	Introduce (max two permitted in each direction)	
5	On-road repeater speed roundels [only in conjunction with sign dia.880]		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)	Introduce (max two permitted in each direction)	
6	No overtaking on approach to gateways [solid double white lines in place of dashed]		OCC	Introduce for c. 300 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	Extend existing no overtaking to cover full length from 30mph to Long Wall Close	
7	Hazard signage near community facilities (e.g. children, infirm people) [need to check max distances from facilities].		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	Already in place approaching the school.	
8	Black on Yellow signage [e.g. Kill your Speed] , 20's plenty, and/or CDC calming signage.		OCC/APC	Could be used if dia.880 sign refused	Could be used if dia.880 sign refused	n/a	n/a	Could be used if dia.880 sign refused	Could be used if dia.880 sign refused	Could be used if dia.880 sign refused	Could be used if dia.880 sign refused	Could be used if dia.880 sign refused	

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CALMING MEASURES	9	Additional Vehicle Activated Signs [feedback about those installed is that they are of limited use].		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.	In place, not considered effective
	10	Relocation of 30mph commencement on Berry Hill Road from Oxford Road, to improve visibility. Traffic Order required.		OCC & Traffic Order	n/a	n/a	n/a	n/a	Relocate speed change and gateway to under the first streetlight.	n/a	n/a	n/a	n/a
	11	Speed bumps, etc. (not on the main roads)[effective, but could introduce noise & vibration issues]		OCC & Traffic Order	Not really suited to a secondary route	n/a	Consider	n/a	Not really suited to a secondary route	Consider	n/a	n/a	n/a
	12	Constraints: Islands, Chicanes & build-outs[various options tailored to locations – e.g. Aynho]		OCC & Traffic Order	Space for an island/crossing. Include as part of sports facilities entrance works.	Ghost Island only - no space for physical island	Various options to make rat running less attractive	Already in place	Aynho-style narrowing and chicaning feasible. Allow white lines to disappear.	Consider build-out on HHR opposite streetlight at RCR.	Island recently introduced near Bowls Club. Provision of a Controlled Crossing has been suggested.	n/a	Aynho-style narrowing and chicaning feasible western end of 40mph section.
	13	20mph zones (not on the main roads) [feasible for village centre & possibly Twyford]		OCC & Traffic Order	Investigate 30mph and 20mph proposals	n/a	Consider	n/a	Investigate 30mph and 20mph proposals	See OCC feasibility report Feb 2016	n/a	n/a	n/a
	14	Restrict Junction at the Oak Tree. Use a temporary restriction initially for a c. 12 month trial.		MHCLG & Traffic Order	n/a	n/a	n/a	n/a	n/a	See OCC feasibility report Feb 2016	n/a	n/a	n/a
	15	Count down markers (III, II, I) on approach to 30mph limit (as Aynho)		OCC/APC	Consider as a priority	Consider as a priority	n/a	n/a	n/a	n/a	Consider	Consider	Consider
16	Provide footway for pedestrians		OCC/APC	Recently installed both sides.	In place S/B LHS	In place both sides	In place both sides	Consider installing on North verge	In place both sides	In place both sides	In place both sides	In place south side	In place south side
17	Additional 40mph repeater signs		OCC/APC	n/a	Instal two in each direction	n/a	n/a	Consider one in each direction after gateway relocated.	n/a	n/a	n/a	n/a	Consider one in each direction in 40mph zone.
18	Pedestrian Barriers - Key-Clamp type		APC	n/a	n/a	n/a	n/a	n/a	Instal at footpath end by mill stream on WL.	n/a	n/a	n/a	n/a
19	Sequencing Of Traffic Lights		OCC	n/a	n/a	n/a	New MOVA system already installed. OCC to Commission.	n/a	n/a	n/a	n/a	n/a	n/a

[illegible]