

Communities Overview and Scrutiny Committee

Addendum

Date: Monday 9 May 2022

Time: 9.00 am

Venue: Committee Room 2, Shire Hall

Items on the agenda: -

**3. 20mph Speed Limits - Task & Finish Group
Recommendations**

3 - 14

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Chief Executive
Warwickshire County Council
Shire Hall, Warwick

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20 mph Speed Limits: Task & Finish Group Recommendations**Call-In (to be considered by Communities OSC on 9th May)**

The reasons for the call-in are detailed below:

1. The evidence from a wide range of other local authorities and studies on the experience of implementing 20mph limits was not properly considered or published in the report.
2. The desk based exercise on New Arley and Kenilworth was not published as part of the report and was not summarised accurately.
3. The report runs contrary to the Council Plan by not being consistent with:
 - i) a 'community powered Warwickshire approach' (p17)
 - ii) 'making it easier to make more sustainable journeys using cycling, walking or public transport' (p11)
 - iii) the commitment to residents to 'be safe and feel safe' (p10) and to 'live in a safe environment that is connected to your community' (p16)

Officer response & information for consideration by Communities OSC:

1. *The evidence from a wide range of other local authorities and studies on the experience of implementing 20mph limits was not properly considered or published in the report.*

The main source of evidence for this is a report commissioned by the DfT and carried out by Atkins. This provides a comprehensive review of schemes that have been established, providing a robust understanding of the impacts that is considered to be statistically significant. While other schemes have been implemented since the publication of this report, they have not yet published findings on the impact and when approached by WCC officers, could not provide further information at this time.

This DfT/Atkins report was, we believe, circulated to the group and also shared within one of the meetings via the chat function. A link to this document is provided below:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/757307/20mph-headline-report.pdf

2. *The desk based exercise on New Arley and Kenilworth was not published as part of the report and was not summarised accurately.*

The desk-based exercise report was circulated to members of the Task & Finish Group in October, and summary details were included in the Cabinet report as a way of providing this information in a more accessible format. The report circulated to the Group in October is available here if Members wish to see more detail:

<https://democracy.warwickshire.gov.uk/ieListDocuments.aspx?MId=3568&x=1>.

3. *The report runs contrary to the Council Plan by not being consistent with:*

- i) a 'community powered Warwickshire approach' (p17)*
- ii) 'making it easier to make more sustainable journeys using cycling, walking or public transport' (p11)*
- iii) the commitment to residents to 'be safe and feel safe' (p10) and to 'live in a safe environment that is connected to your community' (p16)*

20mph limits are just one tool within a range of policy approaches and interventions that could help achieve these goals. These include education and training (for instance Road Safety Education in schools, the work of our SAfER project with schools, communities and businesses; cycle training, travel training, etc.); road safety engineering measures; development/improvement of public realm to support active travel; development of designated and segregated cycle lanes; and work with developers to integrate active travel into their plans; development of public transport solutions such as Demand Responsive Transport, Bus Service Improvement Plan and enhanced partnerships with operators, transport hubs, new rail station developments, etc.

We are working on a Community Powered Warwickshire Groundbreaker on highways, which will build on our existing work with communities to help identify the key issues/challenges being faced in a locality, and explore with them the best solutions to achieve the outcomes that the whole community wish to see achieved. This may or may not include proposals to introduce a 20mph speed limit, as alternative measures may better achieve the outcomes being sought.

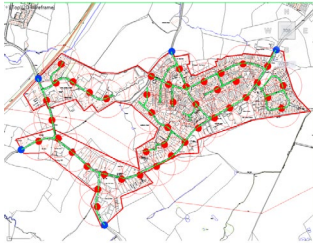
Delegated budgets, and the new Highways Communities Action funding could be utilised to support the implementation of a range of measures that will help communities achieve the desired outcomes, which could include the introduction of a 20mph zone.

Summary 20mph zones cost analyses

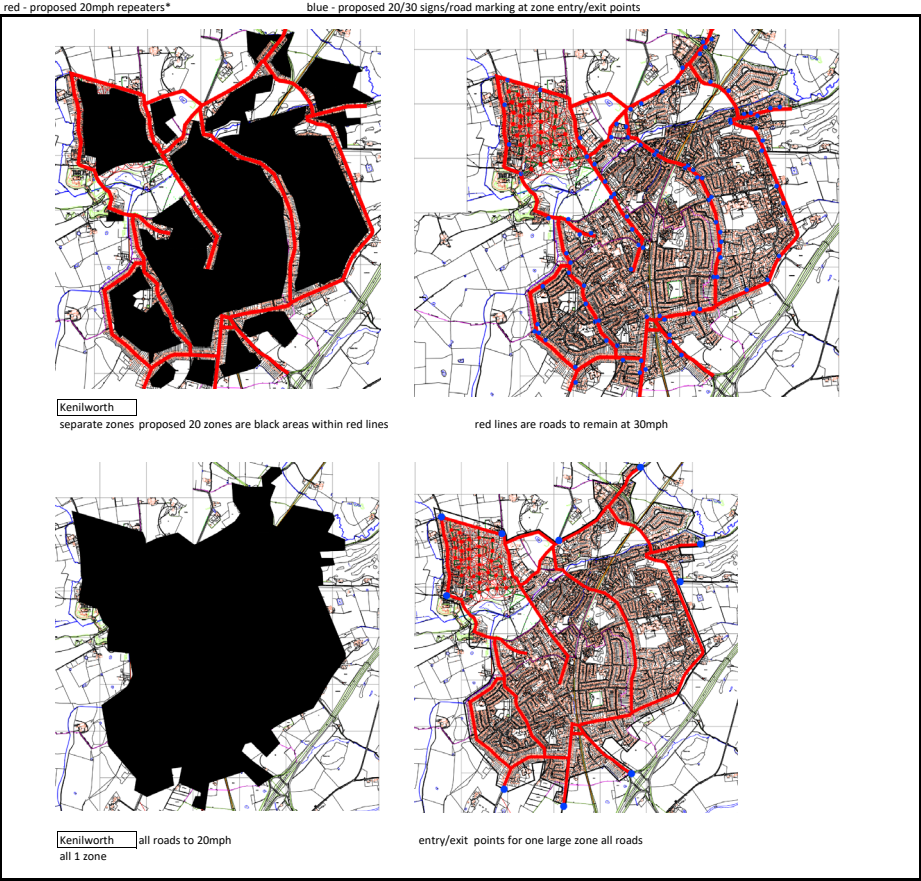
	area m2	no. entry points	no. repeaters*	inc CMIS		total installation costs £		TM tbc	staff costs	roundels	TRO	TOTAL	*proposed 20mph repeaters to be installed sensitively according to historic surroundings in optimum positions to remind drivers of speed limit within zone
				total costs £		per area m2	per no. entry points						
eg1	26461	7	6	4200.22	4620.24	0.17	660.03						
eg2	320,580	8	30	5188.82	5707.70	0.02	713.46						
eg3	515,813	10	86	7300.34	8030.37	0.02	803.04						
New Arley	590,675	5	88	4405.72	4846.29	0.01	969.26	7000.00	12210	3750	3000	30806.29	
Kenilworth zones	3760790	96	675	45888.10	50476.91	0.01	525.80	30000.00	24420	39712	3000	147608.91	
averages	1042864	25	177	13397	14736	0.05	734						
Kenilworth all one zone	6399632	10	1037	23260	25585.72	0.004	2558.57	30000	24420	39000	3000	122005.72	

red - proposed 20mph repeaters*

blue - proposed 20/30 signs/road marking at zone entry/exit points



New Arley red lines are perimeter of proposed 20 zone



20 mph comparison

*allowing + 10 signs where not necessary where existing physical TM measures, for purposes of comparison







	zone	limit	area m2		no. entry points		cost/entry point	£	no. repeaters*	area/repeater	cost/repeater	£	no. roads in zone	length of rd in zone	average length rd	total costs £	total/town	
Southam			26461		7	7	585.64	4099.48	6	4410	16.79	100.74	1	432	432	4200.22	4200.22	
Coleshill	ppsd		320580	320580	8	8	585.64	4685.12	30	10686	16.79	503.70	20	4004	200.2	5188.82	5188.82	
Stratford			515813		10	10	585.64	5856.4	86	5998	16.79	1443.94	41			7300.34	7300.34	
Kenilworth NW area		?	407490	3760790	4	59	585.64	2342.56	66	6174	16.79	1108.14	13	4810	370	3450.70		
rest of Kenilworth			3353300		55		585.64	32210.2	609	6174	16.79	10227.20	317	tbc	tbc	42437.40	45888.10	
New Arley		?	590675	590675	5	5	585.64	2928.2	88	6712	16.79	1477.52	23	6109	265.6086957	4405.72	4405.72	
ALL of Kenilworth inc. main rds 1 zone			6399632		10	10	585.64	5856.4	1037	6174	16.79	17403.34				23259.74	23259.74	
					Entry point:				assumed on extg									
					not inc:		20 zone entry signs		LC / posts									
					TM		20 zone exit signs				61.16		2				122.32	
					concrete for posts (assumed inc. in price above)		posts				143.02		2				286.04	
							20 road marking				54.96		1				54.96	
											585.64							

Coleshill:
2 straight main roads
otherwise short / windy roads

Kenilworth:
several straight roads
relatively fewer short windy roads

coleshill st name 342
165
258
634
409
48
152
139
505
205
76
149
276
90
222
126
101
107
4004

coleshill

20 zone starts	20 zone ends	7.5 tonne ban starts	7.5 tonne ban ends	No Loading at any time	20 repeater 300mm sign
Standard Signs					
					
ref 674 w600mm h1095mm a0.66m2	ref 675 w600mm h855mm a0.51m2	ref 1 w694mm h1023mm a0.71m2	ref 622-2 d600mm a0.28m2	ref 638 w765 h345 a0.26m2	ref 300 dia a0.07m2
12.1100-2	12.1100-2	12.1100-2	12.1015-2	12.1095-2	12.1005-2

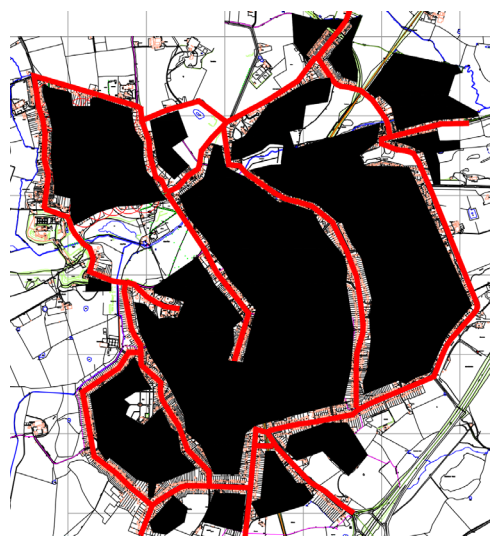
Southam

see summary page

4
7
12
11
19
5



Ken zone5



sum of areas in separate zones

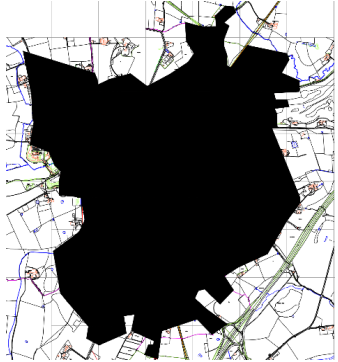
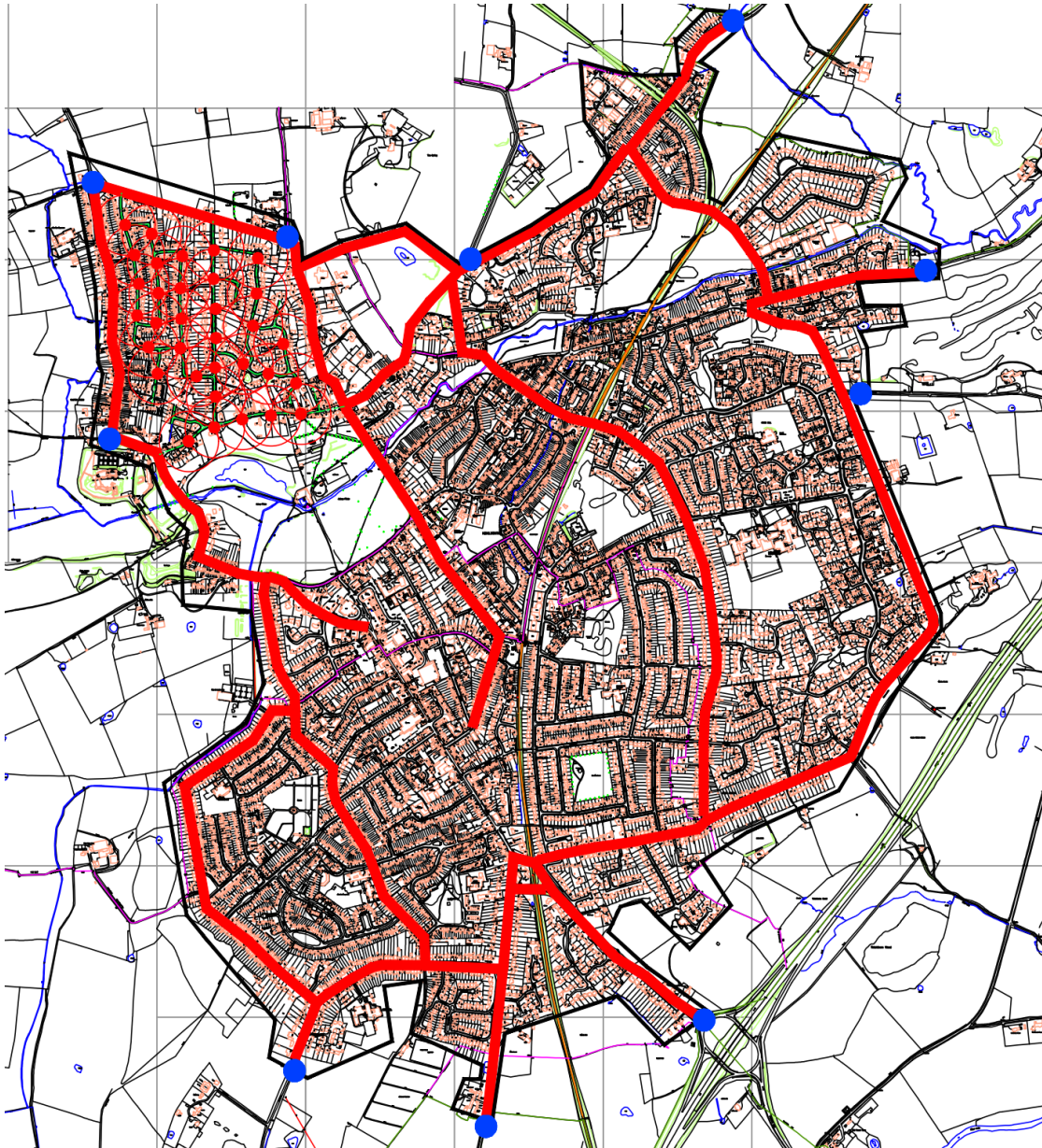
kenilworth
670
498
667
151
602
189
165
655
393
155
535
130
4810 length of road in NW area

Ken all 20

NO. ENTRY/EXITS 10

6399632 M2

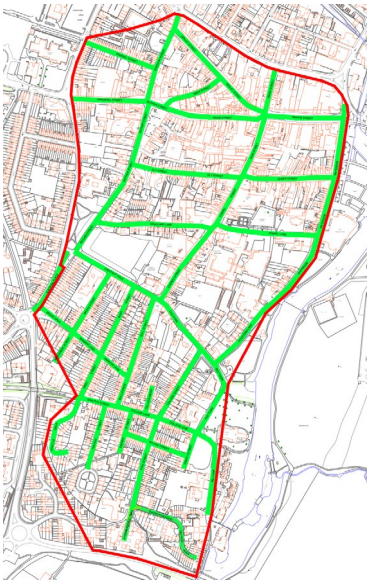
kenilworth



New Arley

New Arley

285
195
143
438
1595
287
331
213
103
416
238
215
107
140
287
458
556
102
6109



Stratford	length
Bridge Street	203
Wood Street	
Union Street	
Waterside	
Southern Lane	101
High Street	
Chapel Street	
Rother Street	
Mansell Street	399
Church Street	
Windsor Street	
Greenhill Street	
Meer Street	163
West Street	
Sanctus Street	
College Lane	
College Mews	195
Hollom Street	
Ryland Street	
Saffron Meadow	
Meadow Close	166
Henley Street	
Ely Street	
Chapel Lane	
Scholars Lane	262
Chestnut Walk	
New Street	
Mill Lane	
Broad Street	247
Evesham Place	
Old Town	
New Broad Street	
Broad Walk	
Bull Street	
Narrow Lane	
College Street	
Sanctus Drive	
Cherry Street	
Trinity Street	
Saffron Walk	
Sheep Street	



					dia 114.3mm no.	circ. Section	height	dia	th	EO per 0.5m2 over 3m (114.3mm dia) =((ht- 3000)/500 per post) total no.	dia	ht (below 150mm soil/ paving cover)
	ref 674 w600mm h1095mm a0.66m2	ref 675 w600mm h855mm a0.51m2	ref 300 dia a0.07m2	20 Speed Limit Roundel" in White Thermopl astic Screed 4300mm on existing and new surface	2	S235	4145	114.3	3	6	400	800
BoQ item:	12.1100-2	12.1100-2	12.1005-2	12.2210-7	12.1330-2 no. 114.3 dia					12.1355-2		
£	61.16	61.16	16.79	54.96	115					9.34		

repeater signs

	
ref	
300 dia	
a0.07m2	
12.1005-2	

£ 16.79