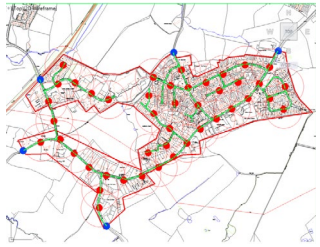
Summary 20mph zones cost analyses

	area m2	no. entry points	no. repeaters*	total costs £	inc CMIS	total installation costs £ per area m2	per no. entry points	TM tbc	staff costs	roundels	TRO	TOTAL
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

*proposed 20mph repeaters to be installed sensitively according to historic surroundings in optimum positions to remind drivers of speed limit within zone

red - proposed 20mph repeaters*

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

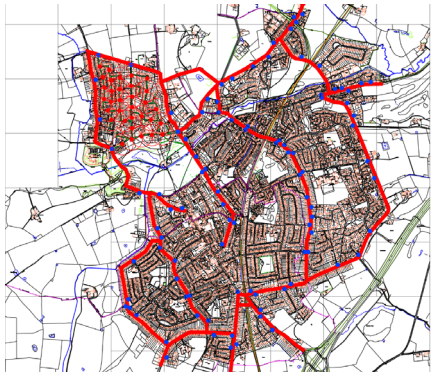


New Arley red lines are perimeter of proposed 20 zone

red - proposed 20mph repeaters*

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

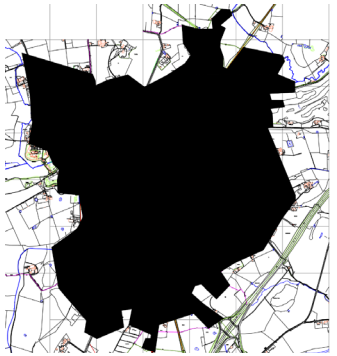




Kenilworth

separate zones proposed 20 zones are black areas within red lines

red lines are roads to remain at 30mph





Kenilworth all roads to 20mph

all 1 zone

entry/exit points for one large zone all roads

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	45888.10
rest of Kenilworth			3353300		55		585.64	32210.2	609	6174	16.79	10227.20	317	tbc	tbc	42437.40	
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

assumed on extg LC / posts

	Entry point:			
not inc: TM	20 zone entry signs	61.16	2	122.32
	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

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

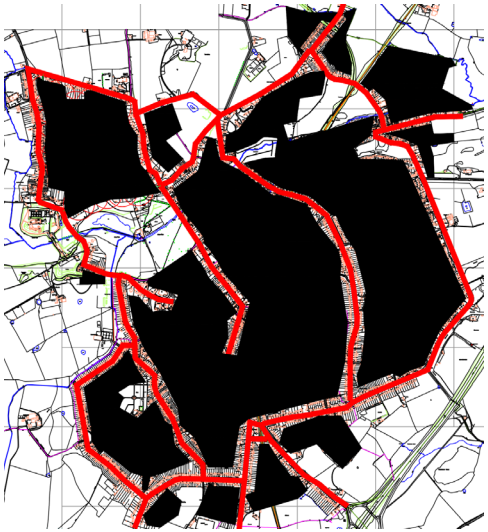
20 zone starts	20 zone ends	7.5 tonne ban starts	7.5 tonne ban ends	No Loading at any time	20 repeater 300mm sign
Standard Signs					
					
ref 674 w600mm h1095mm a0.66m2	ref 675 w600mm h855mm a0.51m2	ref 1 w694mm h1023mm a0.71m2	ref 622-2 d600mm a0.28m2	ref 638 w765 h345 a0.26m2	ref 300 dia a0.07m2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

see summary page

Ken zoneS

kenilworth

670			
498			
667			
151			
602			
189			
165			
655			
393			
155			
535			
130			
4810	length of road in NW area	sum of areas in separate zones	

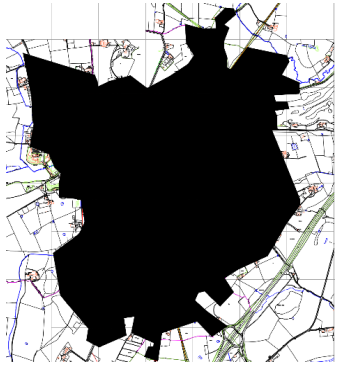




6 5 4 7 12 11 19 5 14 13

sum 96

kenilworth 6399632 M2 NO. ENTRY/EXITS 10

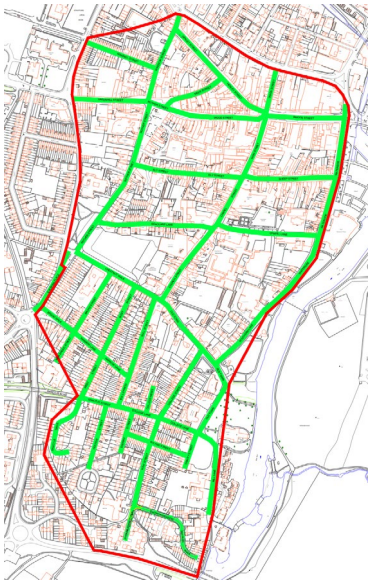




New Arley

	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	101
Watersid e	461
Southern Lane	
High Street	
Chapel Street	
Rother Street	399
Mansell Street	163
Church Street	
Windsor Street	195
Greenhill Street	166
Meer Street	
West Street	
Sanctus Street	
College Lane	
College Mews	
Holtom Street	
Ryland Street	
Saffron Meadow	
Meadow Close	
Henley Street	262
Ely Street	
Chapel Lane	
Scholars Lane	247
Chestnut Walk	
New Street	
Mill Lane	
Broad Street	
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	



entry signs







					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 Thermoplastic 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