

# Waverton Road Safety Group

# Road Traffic Survey June 2018

## 1. Introduction

This report sets out the background, findings, conclusions and recommendations from the Road Traffic Survey carried out at 5 locations within the parish during w/c 24<sup>th</sup> June 2018 and 1 location w/c 7<sup>th</sup> July 2018.

The draft version was discussed at the Waverton Road Safety Group meeting on 3<sup>rd</sup> September. As a result, the recommendations were finalised. The final version was considered and accepted at the Parish Council on Monday 10<sup>th</sup> September.

## 2. Background

### *The Parish Council actions in recent years include:*

- Community speed watch campaign, in 2014 and 2015 with volunteers organised by the Parish Council recorded speed and traffic flow at several locations in the village using a Speed Indicator Device (SID).
- These results coupled CWAC survey results from their traffic counter equipment and liaison with CWaC Highways resulting in a subsidised “30” illuminated sign being installed at Common Lane northbound
- Participation in regional road safety groups “Speedwatch” (Christleton/Waverton/Rowton) and the “A51” pressure group
- Ad hoc liaison with CWaC to deal with local issues as and when they occur

### *Parish Council neighbourhood survey in 2017*

The only major, negative issue arising from the Parish Council neighbourhood survey in 2017 was the resident’s perception of increasing traffic volumes and speeds within the parish. The specific results were as follows

In answer to Q2.6 “most important single change to improve quality of life”

The most chosen answers (choice of 12) were:

- speed control measures
- reductions to through traffic
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As illustrated by these suggestions from residents

- “Controlling traffic to discourage use as rat run”
- “Reduction in vehicle numbers, speed. Guy Ln and Eggbridge Ln being used as a 'rat run'”
- “20 mph speed limit, particularly Eggbridge Ln, Moor Ln, Common Ln and Brown Health Ln.”
- “Traffic calming”
- “Speed Traps”
- “reduce and slow down traffic in village”

As a result, the Parish Council allocated some of its budget to address this issue and decided to set up a Waverton Road Safety Group, to run for an initial period of 1 year, starting in June 2018.

### ***Designing the survey and analysing the results***

We spoke with the Highways department in planning and carrying out the survey and sought their observations on the results. This helped us, amongst other things,

- to confirm that the system being used by our chosen supplier, Traffic Sense of Ruthin , <http://www.trafficsense.co.uk> was appropriate for this survey
- to ensure the traffic counters were put in the most appropriate places from a Highways and Police perspective
- to understand the significance of the 85<sup>th</sup> percentile traffic speeds

The CWAC Highways Department look for 85<sup>th</sup> percentile speeds above 36mph in a 30mph limit and 47mph and above in 40mph limits, to help target their resources and efforts. It is not a rule set in stone but a guide to aid in the setting of priorities. We have referred to the 36mph and 47mph figures in some of the tables as the CWAC Highways alert

#### Definitions

*The **85th Percentile Speed** is the **speed** that 85 percent of vehicles do not exceed. Another way of looking at this is that only 15 percent of vehicles go faster than this **speed**, and 85 percent go at or below this **speed**. ... So the **85th Percentile Speed** is a reasonable basis for the **speed** limit.*

A more detailed description of how this is used is given here

<http://www.safespeed.org.uk/speedlimits.html>

### 3. Findings

#### Traffic Volumes and Speeds in Waverton

ROAD	BROWNHEATH LANE				MOOR LANE				EGGBRIDGE LANE			
	S-BOUND		N-BOUND		S-BOUND		N-BOUND		E-BOUND		W-BOUND	
	VEHICLES	%	VEHICLES	%	VEHICLES	%	VEHICLES	%	VEHICLES	%	VEHICLES	%
0-30	6047	58	7331	52	5812	60	2664	38	7124	65	8741	71
31-45	4296	41	6680	47	3737	39	4256	60	3846	35	3536	29
46-60	94	1	131	1	65	1	131	2	25	0	39	0
61-120	3	0	7	0	0	0	3	0	0	0	1	0
TOTAL	10440	100	14149	100	9614	100	7054	100	10995	100	12317	100
<b>BUSIEST ROAD - RANK</b>	<b>6</b>		<b>1</b>		<b>7</b>		<b>8</b>		<b>5</b>		<b>3</b>	
<b>ROAD-EXCESSIVE SPEED - RANK</b>		<b>7</b>		<b>6</b>		<b>8</b>		<b>3</b>		<b>9</b>	<b>10</b>	


























ROAD	LONG LANE - 40 MPH S.LIMIT				COMMON LANE				GUY LANE			
	S-BOUND		N-BOUND		S-BOUND		N-BOUND		E-BOUND		W-BOUND	
	VEHICLES	%	VEHICLES	%	VEHICLES	%	VEHICLES	%	VEHICLES	%	VEHICLES	%
0-30	1062	18	1060	17	2479	36	1258	19	3555	31	6288	46
31-45	4254	74	4888	77	4169	60	4696	71	7595	65	7141	52
46-60	453	8	398	6	296	4	614	9	452	4	267	2
61-120	5	0	3	0	15	0	21	0	16	0	6	0
TOTAL	5774	100	6349	100	6959	100	6589	100	11618	100	13702	100
<b>BUSIEST ROAD - RANK</b>	<b>12</b>		<b>11</b>		<b>10</b>		<b>9</b>		<b>4</b>		<b>2</b>	
<b>ROAD-EXCESSIVE SPEED - RANK</b>		<b>N/A</b>		<b>N/A</b>		<b>3</b>		<b>1</b>		<b>2</b>		<b>5</b>

#### Traffic Speed

The average speeds over the 7-day period are shown below. 5 of the survey points were within a 30mph speed area.

AVERAGE SPEEDS OVER 7 DAYS IN MPH						
VEHICLES	COMMON LANE	GUY LANE	BROWN HEATH LANE	MOOR LANE	EGGBRIDGE LANE	LONG LANE
ALL	33.1	31.3	28.9	29.2	28.6	36.0
85th PERCENTILE	41.5	39	36.3	35.9	34.2	43.8
CWAC Highways Alert	36	36	36	36	36	47
SPEED LIMIT MPH	30	30	30	30	30	40

The findings for each road – for traffic travelling in both directions- are set out on pages 3 to 11. This includes details on the type of vehicles as shown in the table below. The sensors do not collect any data about cyclists and their bikes.

Class No	Vehicle Description	Class No	Vehicle Description
1	Car, Light Van Taxi  	5	Rigid 2 Axle HGV + 2 Axle (Close coupled) Trailer 
	Light Goods Vehicle 	6	Rigid 3 Axle HGV + 2 Axle Drawbar Trailer 
	Car or Light Goods Vehicle + 1 Axle Caravan or Trailer 		Rigid 3 Axle HGV + 3 Axle Drawbar Trailer 
	Car or Light Goods Vehicle + 2 Axle Caravan or Trailer 	7	Artic, 2 Axle Tractor + 1 Axle Semi-Trailer 
2	Rigid 2 Axle Heavy Goods Vehicle 	8	Artic, 2 Axle Tractor + 2 Axle Semi-Trailer 
3	Rigid 3 Axle Heavy Goods Vehicle 	9	Artic, 2 Axle Tractor + 3 Axle Semi-Trailer 
	Rigid 3 Axle Heavy Goods Vehicle 	10	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer 
4	Rigid 4 Axle Heavy Goods Vehicle 	11	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer 
	Rigid 4 Axle Heavy Goods Vehicle 		Artic, 3 Axle Tractor + 3 Axle Semi-Trailer 
5	Rigid 2 Axle HGV + 2 Axle Drawbar Trailer 	12	Bus or Coach, 2 Axle 
	Rigid 2 Axle HGV + 3 Axle Drawbar Trailer 		Bus or Coach, 3 Axle 
	Rigid 2 Axle HGV + 1 Axle Caravan or Trailer 	13	Vehicle with 7 or more Axles 

Classification Classes: Car/Van: 1 OGV1/Bus: 2,3,5,6,7,12 OGV2: 4,8,9,10,11,13

## 3.1. Common Lane

AVERAGE SPEEDS OVER 7 DAYS IN MPH						
VEHICLES	COMMON LANE	GUY LANE	BROWN HEATH LANE	MOOR LANE	EGGBRIDGE LANE	LONG LANE
ALL	33.1	31.3	28.9	29.2	28.6	36.0
85th PERCENTILE	41.5	39	36.3	35.9	34.2	43.8
CWAC Highways Alert	36	36	36	36	36	47
SPEED LIMIT MPH	30	30	30	30	30	40

## Common Lane Southbound - towards Old Waverton from the crossroads with Eggbridge Lane

SPEED AND TRAFFIC SUMMARY									
SPEED (MPH)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTALS	%
	24-Jun-18	25-Jun-18	26-Jun-18	27-Jun-18	28-Jun-18	29-Jun-18	30-Jun-18		
0-30	335	318	388	330	335	540	233	2479	36
31-45	369	656	675	635	650	680	504	4169	60
46-60	20	46	49	41	45	45	50	296	4
61-120	2	2	4	2	2	1	2	15	0
TOTAL	726	1022	1116	1008	1032	1266	789	6959	100
%>46MPH	3	5	5	4	5	4	7	5	
%>30MPH	54	69	65	67	68	57	71	64	

VEHICLE CLASSIFICATION-Average per day			
CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL
838	101	2	941

## Common Lane Northbound - towards the crossroads with Eggbridge Lane from Old Waverton

SPEED & TRAFFIC VOLUME SUMMARY									
SPEED (MPH)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTALS	%
	24-Jun-18	25-Jun-18	26-Jun-18	27-Jun-18	28-Jun-18	29-Jun-18	30-Jun-18		
0-30	209	179	194	165	191	186	134	1258	19
31-45	455	754	746	676	755	779	531	4696	71
46-60	60	94	96	114	100	71	79	614	9
61-120	3	2	2	5	4	2	3	21	0
TOTAL	727	1029	1038	960	1050	1038	747	6589	100
%>46MPH	8.7	9.3	9.4	12.4	9.9	7	11	9.6	
%>30MPH	71.3	82.6	81.3	82.8	81.8	82.1	82.1	80.9	

VEHICLE CLASSIFICATION AVERAGE NO. OF VEHICLE TYPES PER DAY			
CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL

	861	130	3	994

**3.2 Guy Lane**

AVERAGE SPEEDS OVER 7 DAYS IN MPH						
VEHICLES	COMMON LANE	GUY LANE	BROWN HEATH LANE	MOOR LANE	EGGBRIDGE LANE	LONG LANE
ALL	33.1	31.3	28.9	29.2	28.6	36.0
85th PERCENTILE	41.5	39	36.3	35.9	34.2	43.8
CWAC Highways Alert	36	36	36	36	36	47
SPEED LIMIT MPH	30	30	30	30	30	40

Guy Lane Eastbound- leaving the village towards Eaton Golf Club and the Crocky Trail

SPEED AND TRAFFIC SUMMARY									
SPEED (MPH)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTALS	%
	24-Jun-18	25-Jun-18	26-Jun-18	27-Jun-18	28-Jun-18	29-Jun-18	30-Jun-18		
0-30	387	591	558	471	493	622	433	3555	31
31-45	861	1050	1073	1185	1219	1219	988	7595	65
46-60	58	48	68	77	74	85	42	452	4
61-120	2	1	4	2	3	4	0	16	0
TOTAL	1308	1690	1703	1735	1789	1930	1463	11618	100
%>46MPH	5	3	4	5	4	5	3	4	
%>30MPH	70	65	67	73	72	68	70	69	

VEHICLE CLASSIFICATION AVERAGE NO. OF VEHICLE TYPES PER DAY			
CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL
1415	238	6	1660

Guy Lane Westbound – from Eaton Golf Club and the Crocky Trail towards the junction with Brownheath Road

SPEED AND TRAFFIC SUMMARY									
SPEED (MPH)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTALS	%
	24-Jun-18	25-Jun-18	26-Jun-18	27-Jun-18	28-Jun-18	29-Jun-18	30-Jun-18		
0-30	581	925	899	782	895	1315	891	6288	46
31-45	643	836	987	1015	1212	1389	1059	7141	52
46-60	24	29	32	49	56	41	36	267	2
61-120	0	1	0	0	1	3	1	6	0
TOTAL	1248	1791	1918	1846	2164	2748	1987	13702	100
%>46MPH	2	2	2	3	3	2	2	2	
%>30MPH	53	48	53	58	59	52	55	54	

VEHICLE CLASSIFICATION AVERAGE NO. OF VEHICLE TYPES PER DAY
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CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL
1710	239	9	1957

Guy Lane Eastbound- leaving the village towards Eaton Golf Club and the Crocky Trail

Friday 29/06/2018	VEHICLE SPEED (MPH)												TOTAL	% of vehicles	%> 41mph
	Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80			
1	0	0	0	2	0	0	0	0	0	0	0	0	2		
2	0	0	0	0	1	2	0	0	0	0	0	0	3		
3	0	0	0	0	1	0	0	0	0	0	0	0	1		
4	0	0	0	0	1	0	2	0	0	0	0	0	3		
5	0	0	0	3	0	0	1	0	0	0	0	0	4		
6	0	3	4	2	1	3	1	0	1	0	0	0	15		
7	0	6	5	3	7	4	1	2	0	0	0	0	28		
8	0	5	13	34	33	22	8	2	3	0	0	0	120	6.2	29.2
9	2	6	32	46	44	6	6	5	1	0	0	0	148	7.7	12.2
10	1	11	36	36	31	9	2	1	0	0	0	0	127	6.6	9.4
11	0	13	35	44	31	3	0	0	0	0	0	1	127	6.6	2.4
12	0	7	32	40	27	4	3	0	0	0	0	0	113	5.9	6.2
13	0	5	28	37	28	11	5	0	0	0	0	0	114	5.9	14.0
14	0	10	45	37	26	9	3	2	0	0	0	0	132	6.8	10.6
15	2	3	28	52	28	11	0	1	0	1	0	0	126	6.5	10.3
16	0	7	56	40	27	15	3	0	0	0	0	0	148	7.7	12.2
17	1	9	55	61	61	32	5	3	0	0	0	0	227	11.8	17.6
18	1	10	60	67	36	14	5	1	2	0	0	0	196	10.2	11.2
19	3	6	21	32	31	12	2	1	0	0	0	0	108	5.6	13.9
20	1	4	15	15	17	11	2	1	0	0	0	0	66		
21	0	4	11	11	7	3	4	2	1	0	0	0	43		
22	0	3	9	7	9	4	0	0	0	1	0	0	33		
23	0	2	3	13	2	2	0	0	1	0	0	0	23		
24	0	1	8	4	7	0	0	2	0	1	0	0	23		
7-19	10	92	441	526	403	148	42	16	6	1	0	1	1686		
6-22	11	109	481	562	443	170	49	21	7	2	0	1	1856		
6-24	11	112	492	579	452	172	49	23	8	3	0	1	1902		
0-24	11	115	496	586	456	177	53	23	9	3	0	1	1930		

## 3.3 Brownheath Lane

AVERAGE SPEEDS OVER 7 DAYS IN MPH						
VEHICLES	COMMON LANE	GUY LANE	BROWN HEATH LANE	MOOR LANE	EGGBRIDGE LANE	LONG LANE
ALL	33.1	31.3	28.9	29.2	28.6	36.0
85th PERCENTILE	41.5	39	36.3	35.9	34.2	43.8
CWAC Highways Alert	36	36	36	36	36	47
SPEED LIMIT MPH	30	30	30	30	30	40

Brownheath Northbound - from the shops in Waverton to the Plough Lane cross roads

SPEED AND TRAFFIC SUMMARY									
SPEED (MPH)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
	24-Jun-18	25-Jun-18	26-Jun-18	27-Jun-18	28-Jun-18	29-Jun-18	30-Jun-18	TOTAL	%
0-30	752	1095	1084	939	980	1456	1025	7331	51.8
31-45	518	849	965	977	1161	1406	804	6680	47.2
46-60	13	8	23	23	19	33	12	131	0.9
61-120	1	0	0	2	1	3	0	7	0.0
TOTAL	1284	1952	2072	1941	2161	2898	1841	14149	100
%>46MPH	1.1	0.4	1.1	1.3	0.9	1.2	0.7		
%>30MPH	41.4	43.9	47.7	51.6	54.7	49.8	44.3		

VEHICLE CLASSIFICATION AVERAGE NO. OF VEHICLE TYPES PER DAY				
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL
	1776	238	8	2021

Brownheath Southbound -from Plough Lane cross roads to the shops in Waverton

SPEED AND TRAFFIC SUMMARY									
SPEED (MPH)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
	24-Jun-18	25-Jun-18	26-Jun-18	27-Jun-18	28-Jun-18	29-Jun-18	30-Jun-18	TOTAL	%
0-30	683	922	898	832	883	1045	784	6047	57.9
31-45	464	600	599	738	757	666	472	4296	41.1
46-60	8	14	14	14	21	13	10	94	0.9
61-120	0	0	0	0	0	0	3	3	0.0
TOTAL	1155	1536	1511	1584	1661	1724	1269	10440	100
%>46MPH	0.7	0.9	0.9	0.9	1.3	0.8	1		
%>30MPH	40.9	40	40.6	47.5	46.8	39.4	38.2		

VEHICLE CLASSIFICATION AVERAGE NO. OF VEHICLE TYPES PER DAY				
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL



	1312	172	7	1491
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### 3.4 Moor Lane

AVERAGE SPEEDS OVER 7 DAYS IN MPH						
VEHICLES	COMMON LANE	GUY LANE	BROWN HEATH LANE	MOOR LANE	EGGBRIDGE LANE	LONG LANE
ALL	33.1	31.3	28.9	29.2	28.6	36.0
85th PERCENTILE	41.5	39	36.3	35.9	34.2	43.8
CWAC Highways Alert	36	36	36	36	36	47
SPEED LIMIT MPH	30	30	30	30	30	40

Moor Lane Northbound – from the Moor Lane/Eggbridge Lane crossroads towards the A41

SPEED AND TRAFFIC SUMMARY									
SPEED (MPH)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
	24-Jun-18	25-Jun-18	26-Jun-18	27-Jun-18	28-Jun-18	29-Jun-18	30-Jun-18	TOTAL	%
0-30	283	374	398	407	366	511	325	2664	38
31-45	429	634	661	601	753	635	543	4256	60
46-60	11	16	23	25	23	23	10	131	2
61-120	1	0	1	0	0	0	1	3	0
TOTAL	724	1024	1083	1033	1142	1169	879	7054	100
%>46MPH	1.7	1.6	2.2	2.4	2	2	1.3		
%>30MPH	60.9	63.5	63.3	60.6	68	56.3	63		

VEHICLE CLASSIFICATION AVERAGE NO. OF VEHICLE TYPES PER DAY				
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL
0-24	893	113	1	1008

Moor Lane Southbound - from the A41 towards the Moor Lane/Eggbridge Lane crossroads

SPEED AND TRAFFIC SUMMARY									
SPEED (MPH)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
	24-Jun-18	25-Jun-18	26-Jun-18	27-Jun-18	28-Jun-18	29-Jun-18	30-Jun-18	TOTAL	%
0-30	555	878	1035	880	716	1022	726	5812	60
31-45	488	567	440	507	755	499	481	3737	39
46-60	9	10	4	7	15	6	14	65	1
61-120	0	0	0	0	0	0	0	0	0
TOTAL	1052	1455	1479	1394	1486	1527	1221	9614	100
%>46MPH	0.9	0.7	0.3	0.5	1	0.4	1.1		
%>30MPH	47.2	39.7	30	36.9	51.8	33.1	40.5		

VEHICLE CLASSIFICATION AVERAGE NO. OF VEHICLE TYPES PER DAY				
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	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL
	1223	148	2	1373

### 3.5 Eggbridge Lane

AVERAGE SPEEDS OVER 7 DAYS IN MPH						
VEHICLES	COMMON LANE	GUY LANE	BROWN HEATH LANE	MOOR LANE	EGGBRIDGE LANE	LONG LANE
ALL	33.1	31.3	28.9	29.2	28.6	36.0
85th PERCENTILE	41.5	39	36.3	35.9	34.2	43.8
CWAC Highways Alert	36	36	36	36	36	47
SPEED LIMIT MPH	30	30	30	30	30	40

Eggbridge Lane eastbound - towards the school crossroads from the Whitchurch Road, the A41.

SPEED AND TRAFFIC SUMMARY									
SPEED (MPH)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL	%
	24-Jun-18	25-Jun-18	26-Jun-18	27-Jun-18	28-Jun-18	29-Jun-18	30-Jun-18		
0-30	648	1014	1032	1031	1245	1425	729	7124	65
31-45	455	549	619	703	441	483	596	3846	35
46-60	6	1	6	2	2	3	5	25	0
61-120	0	0	0	0	0	0	0	0	0
TOTAL	1109	1564	1657	1736	1688	1911	1330	10995	100
%>46MPH	0.5	0.1	0.4	0.1	0.1	0.2	0.4		
%>30MPH	41.6	35.2	37.7	40.6	26.2	25.4	45.2		

VEHICLE CLASSIFICATION AVERAGE NO. OF VEHICLE TYPES PER DAY				
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL
	1368	197	5	1571

Eggbridge Lane westbound - towards the Whitchurch Road, the A41.

SPEED AND TRAFFIC SUMMARY									
SPEED (MPH)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL	%
	24-Jun-18	25-Jun-18	26-Jun-18	27-Jun-18	28-Jun-18	29-Jun-18	30-Jun-18		
0-30	751	1146	1315	1407	1590	1546	986	8741	71
31-45	443	526	496	497	348	584	642	3536	29
46-60	3	4	8	2	4	9	9	39	0
61-120	0	0	0	0	0	0	1	1	0
TOTAL	1197	1676	1819	1906	1942	2139	1638	12317	100
%>46MPH	0.3	0.2	0.4	0.1	0.2	0.4	0.6		
%>30MPH	37.3	31.6	27.7	26.2	18.1	27.7	39.8		

VEHICLE CLASSIFICATION		AVERAGE NO. OF VEHICLE TYPES PER DAY		
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL
	1531	222	7	1760

## 3.6 Long Lane

AVERAGE SPEEDS OVER 7 DAYS IN MPH						
VEHICLES	COMMON LANE	GUY LANE	BROWN HEATH LANE	MOOR LANE	EGGBRIDGE LANE	LONG LANE
ALL	33.1	31.3	28.9	29.2	28.6	36.0
85th PERCENTILE	41.5	39	36.3	35.9	34.2	43.8
CWAC Highways Alert	36	36	36	36	36	47
SPEED LIMIT MPH	30	30	30	30	30	40

## Long Lane Northbound – entering Old Waverton from Tattenhall

SPEED AND TRAFFIC SUMMARY									
SPEED (MPH)	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	TOTAL	%
	07-Jul-18	08-Jul-18	09-Jul-18	10-Jul-18	11-Jul-18	12-Jul-18	13-Jul-18		
0-30	133	144	184	148	128	109	214	1060	17
31-45	549	454	755	736	725	791	878	4888	77
46-60	49	36	68	66	75	53	51	398	6
61-120	0	0	0	1	1	0	1	3	0
TOTAL	731	634	1007	951	929	953	1144	6349	100
%>46MPH	7	6	7	7	8	6	4		
%>61MPH	0	0	0	0	0	0	0		

## Long Lane Southbound – leaving Old Waverton towards Tattenhall

SPEED AND TRAFFIC SUMMARY									
SPEED (MPH)	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	TOTAL	%
	07-Jul-18	08-Jul-18	09-Jul-18	10-Jul-18	11-Jul-18	12-Jul-18	13-Jul-18		
0-30	159	130	224	154	135	116	144	1062	18
31-45	449	506	669	639	630	666	695	4254	74
46-60	47	47	73	67	89	60	70	453	8
61-120	1	0	0	0	4	0	0	5	0
TOTAL	656	683	966	860	858	842	909	5774	100
%>46MPH	7	7	8	8	10	7	8		
%>61MPH	0	0	0	0	0	0	0		

## 4. Conclusions

### 4.1. Common Lane

Traffic speeds on this road are the highest in the Parish. The traffic counter was on the straight stretch between the junction with Quarry Lane and the lamp posts that start just before the houses on the northbound side of the road. This is a straight stretch of road. It does not look like or feel like a 30mph limit. The main constraint with a 30mph limit is that we cannot legally have 30mph repeater signs within the limits. Therefore, drivers are not getting reminders when re-entering the built-up sections. The road surface is in very poor condition. Hopefully this will be resurfaced in 2019/20. However, this may lead to increased speeding on this section.

This situation warrants a full discussion with the Highways team – see recommendation 5.2.1

### 4.2. Excessive Through Traffic Flows

The 4 busiest sections of road, in rank order are as follows:

- Brownheath Lane Northbound
- Guy Lane Eastbound and Westbound
- Eggbridge Lane Westbound

In other words, a significant proportion of vehicles are coming from the Tarporley/Tarvin direction, either towards the Chester ring road via Christleton or towards the A41 along Eggbridge Lane.

Guy Lane eastbound is the 2<sup>nd</sup> highest road for speeding, particularly between 6am and 9am on weekdays.

These roads are the priorities for us to consider traffic calming and the use of temporary speed cameras

## 5. Recommendations

### 5.1. Engaging the community and raising awareness

- 5.1.1. Publish a copy of the final report on the Parish Council website and promote it in the Wavertonian
- 5.1.2. Make presentations at an appropriate primary school meeting /event for parents and pupils- possibly at an assembly and at a parents' meeting. Use appropriate materials from the road safety charity BRAKE
- 5.1.3. Produce and give traffic speed stickers to go on dustbins for residents on the main roads through the parish
- 5.1.4. Evaluate the pros and cons of adopting and promoting 'Set the Pace' with residents and employees of local organisations eg Schools, Churches, Eaton GC , Crocky Trail, and local farmers.
- 5.1.5. Support the primary school in fitting a pavement railing opposite the Eggbridge Lane pedestrian entrance and promoting a safe walking route to school
- 5.1.6. Repeat the traffic survey in 12 months' time

### 5.2. Traffic calming measures

- 5.2.1. Common Lane – we should investigate several options with the Highways department as follows
  - 5.2.1.1. to have a 40 mph speed limit for a 500 metre section of this road between the junction with Quarry Lane and the houses before the exit to Hurstwood . This buffer zone would allow for terminal signs on re-entering a 30mph limit and a buffer would have repeater signs.
  - 5.2.1.2. To introduce rumble strips and/or a pinch point/bottleneck
- 5.2.2. Guy Lane – purchase and fit white 5 bar gates to go on either side of the road on the grass verges with appropriate signage at c. 200 metres before the 30-mph limit starts.

### 5.3. Speed Warnings and Cameras

- 5.3.1. Guy Lane – use traffic volume and speed evidence to make the case to the relevant authority for periodic speed traps between 6 and 9 am on weekday mornings.
- 5.3.2. Organise a programme to deploy a Speed Indicator Device (SID) in high risk places e.g. on parts of Common Lane, Guy Lane and Brownheath Lane