



Hampshire
County Council

Hayling Island Journey times monitoring survey

Journey time presentation outline

- **Census statistics for Hayling island**
- **Pilot bluetooth survey details and route map**
- **Traffic count data on Hayling island**
- **Summary of journey times and key findings**

Hayling Island

Population

– 2001 = 16,887

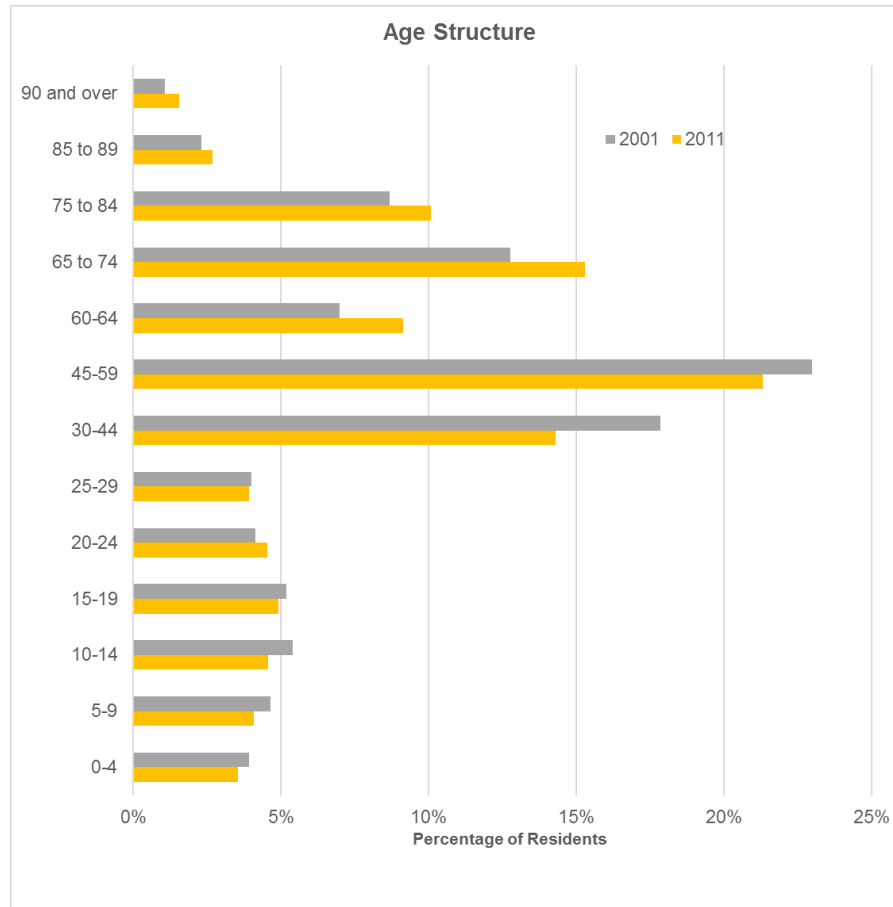
– 2011 = 17,379

Households

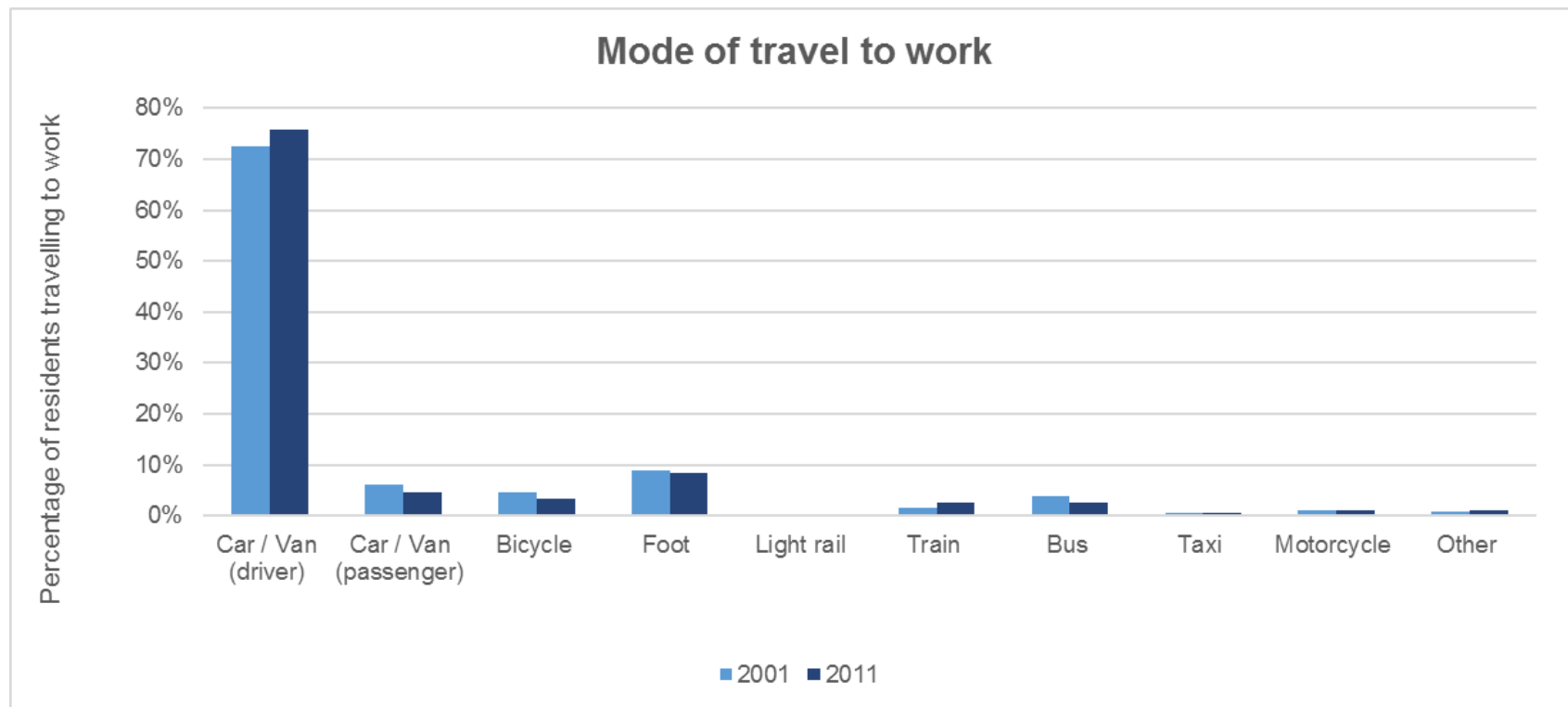
– 2001 = 7,452

– 2011 = 7,959

Age structure

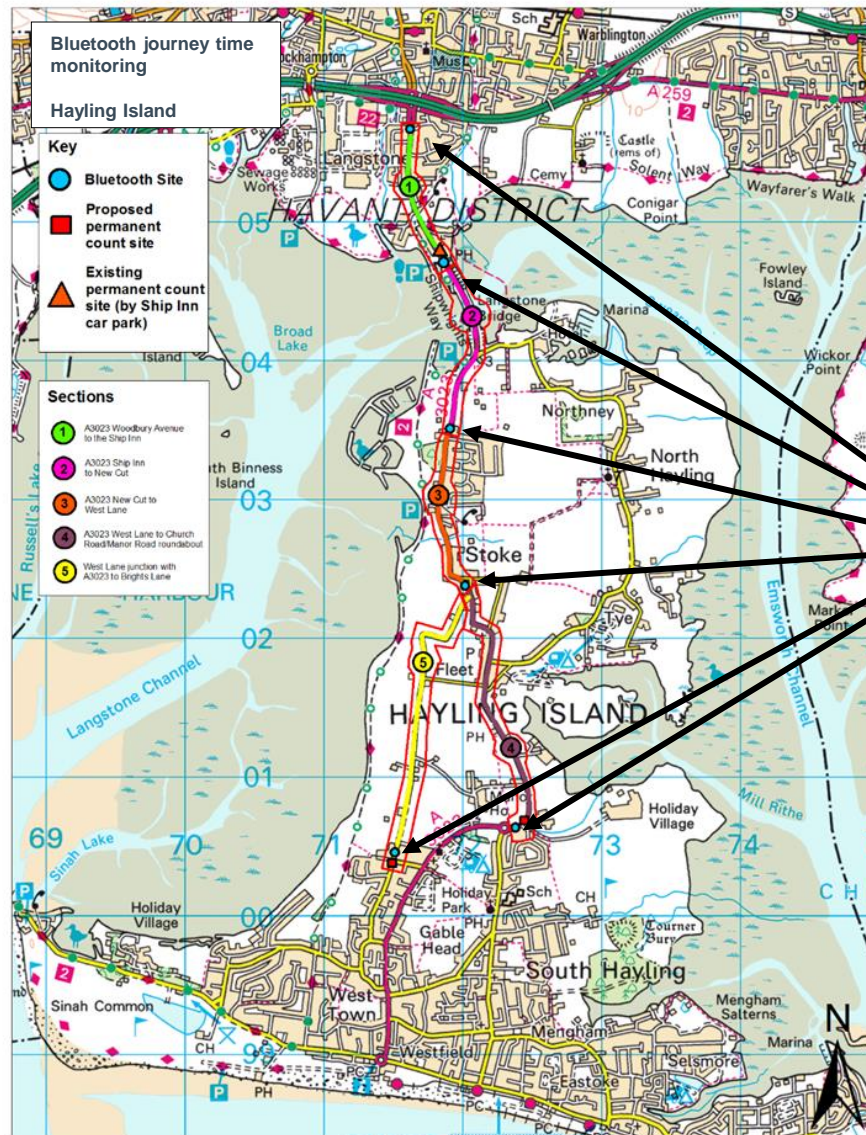


Travel to work - mode share



Hayling Island journey times survey

- HCC commissioned a pilot study
- Bluetooth sensor systems can measure actual journey times and speeds
- Matches Bluetooth devices between sensors
- Surveys held over 4 weeks
1st - 19th June and 7th- 20th August 2017
- Two routes: A3023 via Manor Road
A3023 via West Lane



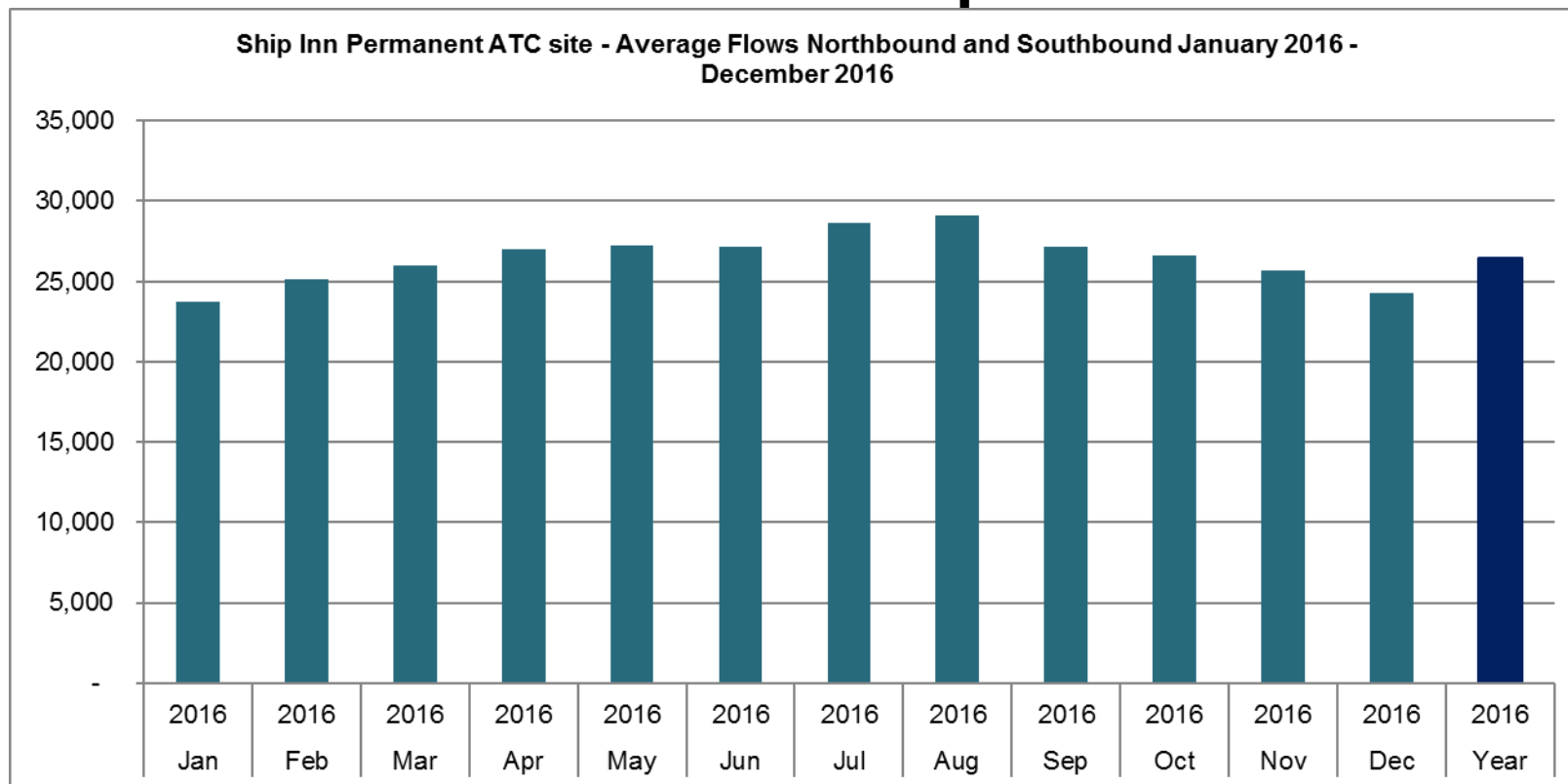
Bluetooth sites



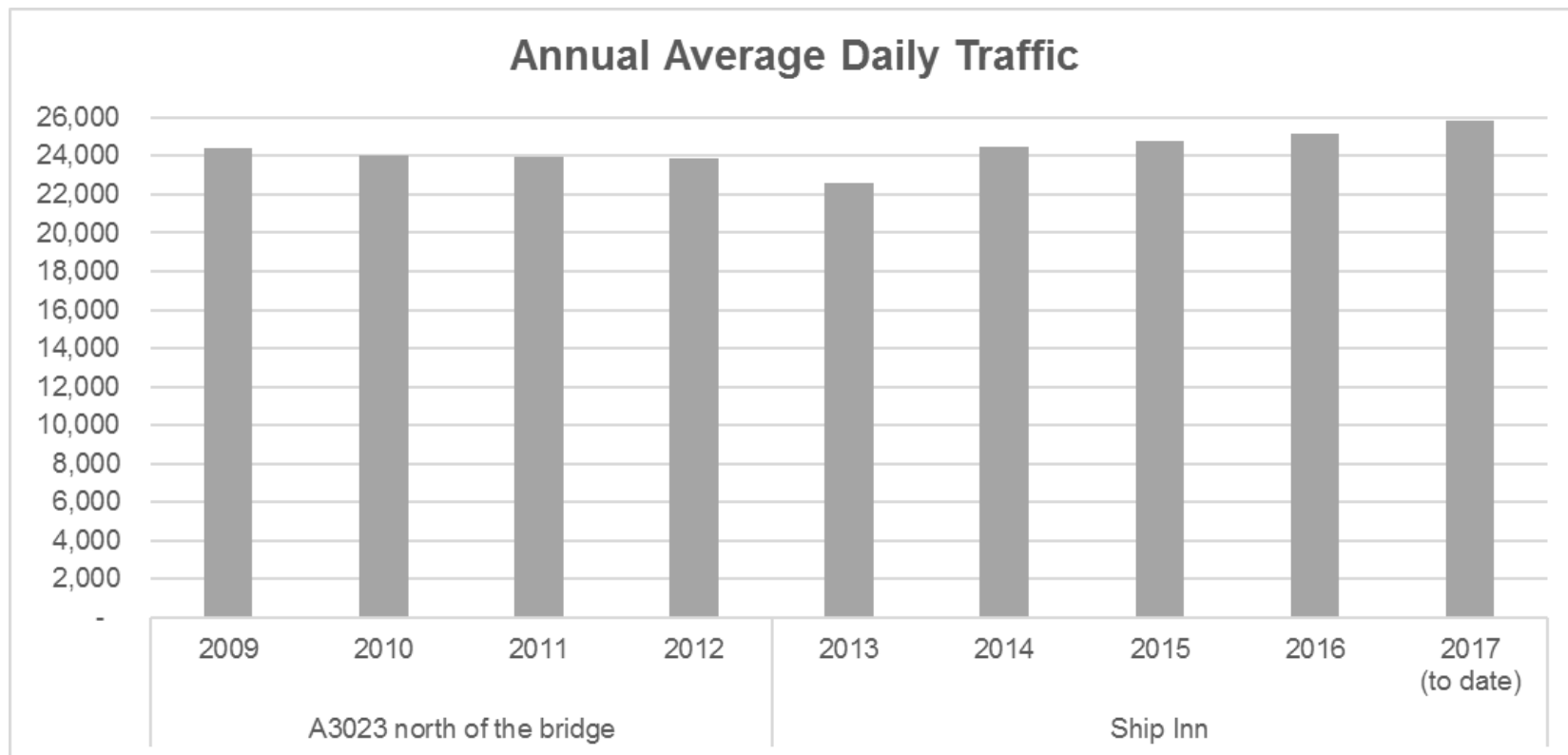
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Average daily traffic flows by month in 2016 – Ship Inn



Annual average daily traffic AADT 2009- 2016 at Ship Inn

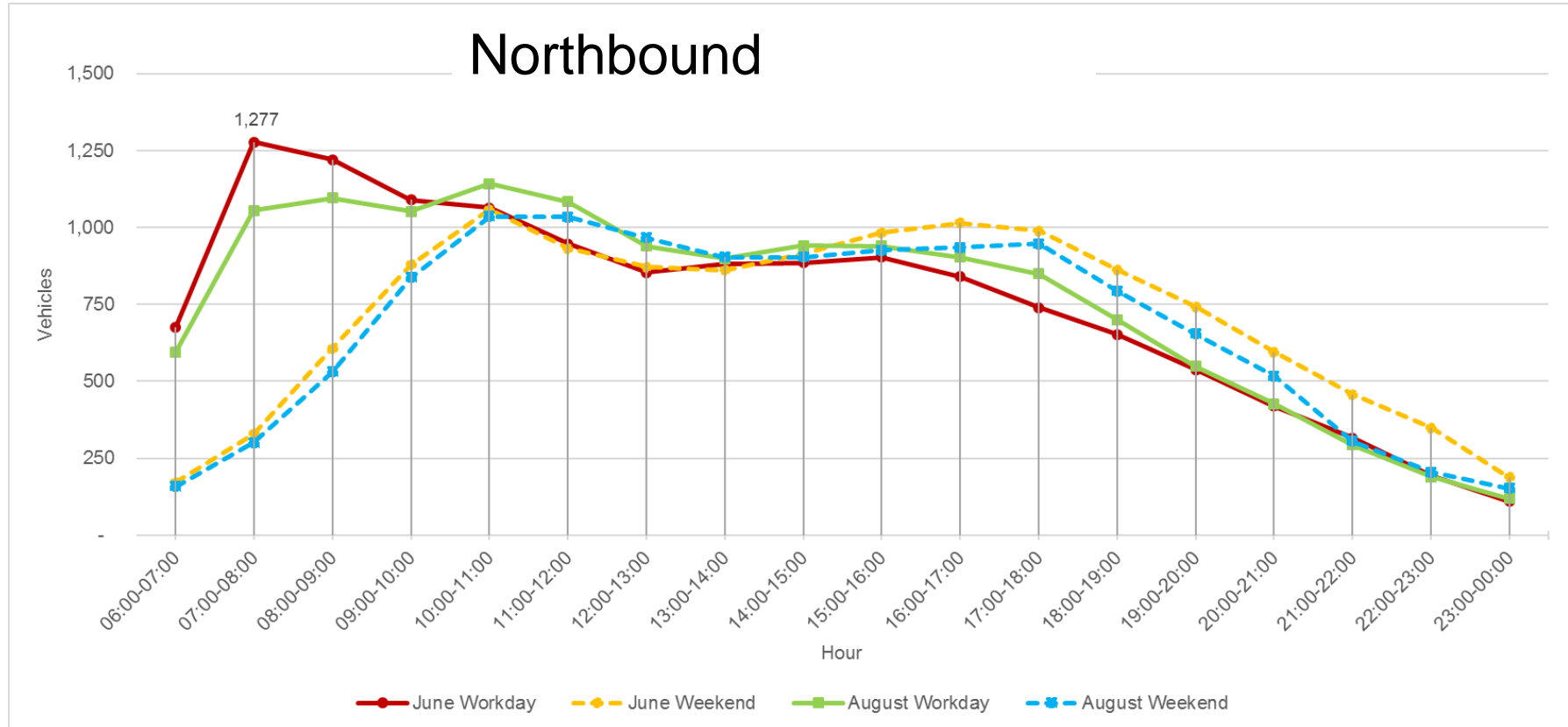


Traffic Flows – daily averages during survey

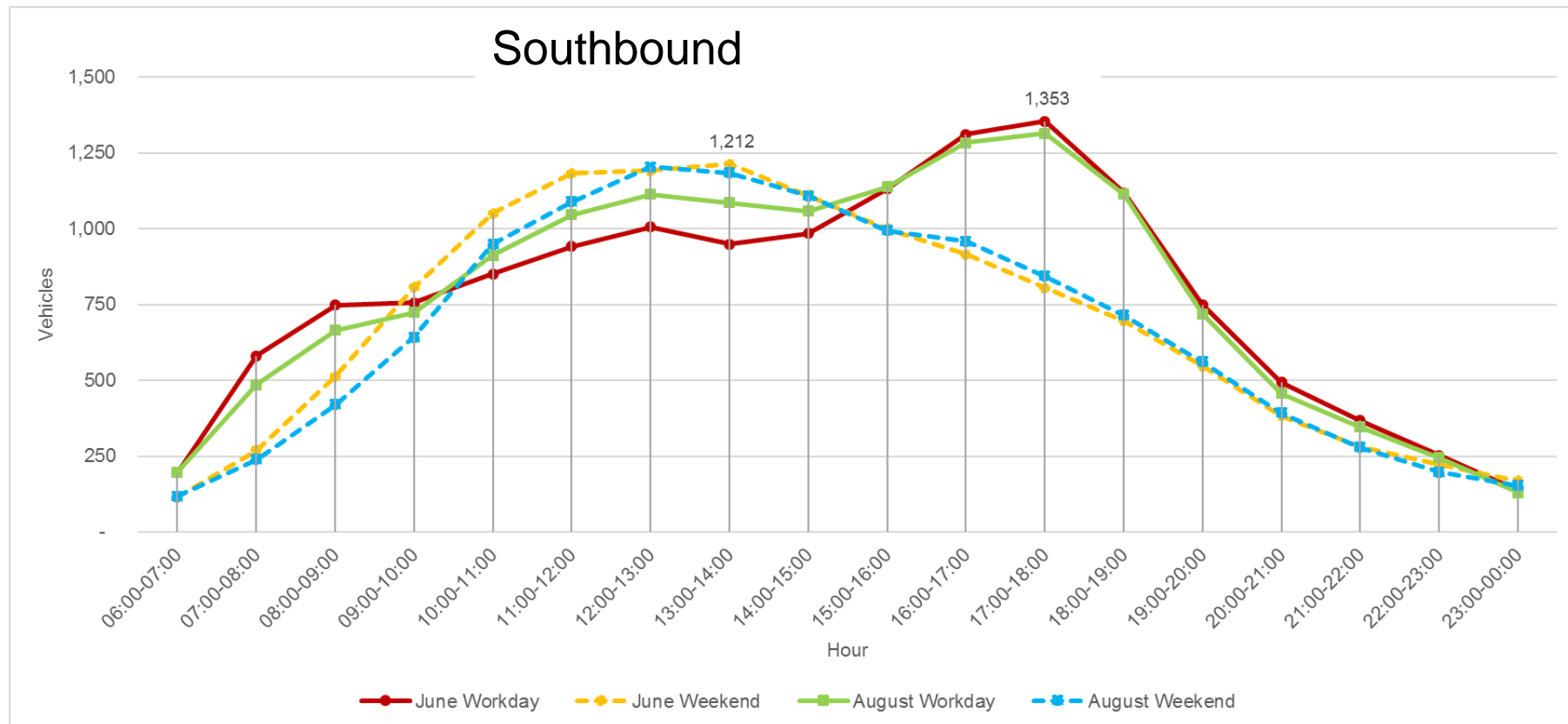
ATC	Direction	Northbound		Southbound		Two-way	
	Period	Weekday	Weekend	Weekday	Weekend	Weekday	Weekend
Ship Inn Permanent ATC	June	14,185	13,900	14,365	13,916	28,550	27,816
	August	14,514	13,940	14,590	13,950	29,104	27,890
A3023 Havant Road / Manor Road Temporary ATC site	June	10,275	9,660	11,142	10,444	21,417	20,104
	August	10,234	9,379	11,088	10,012	21,322	19,391
West Lane Temporary ATC site	June	2,224	1,905	2,266	2,199	4,490	4,104
	August	2,137	1,787	2,126	1,920	4,263	3,707



Traffic Flows Hourly – Ship Inn



Traffic Flows hourly – Ship Inn



Average journey times

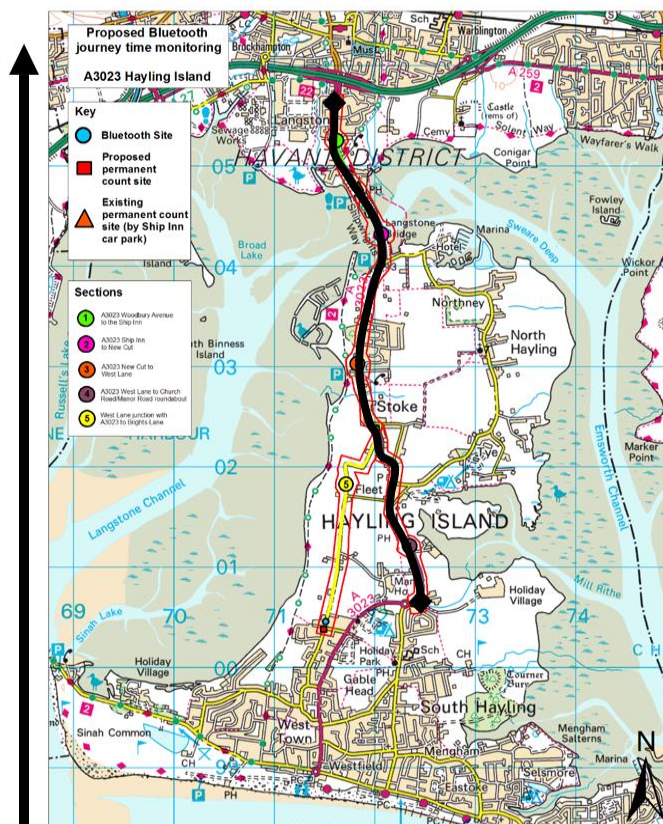
Route	Direction	Period	Daily average journey time (minutes)
A27 to Manor Road	Northbound	June Weekday	06:59
		June Weekend	07:50
		August Weekday	07:32
		August Weekend	07:08
	Southbound	June Weekday	07:10
		June Weekend	07:33
		August Weekday	07:38
		August Weekend	07:14
A27 to West Lane	Northbound	June Weekday	08:13
		June Weekend	10:39
		August Weekday	09:12
		August Weekend	08:28
	Southbound	June Weekday	08:28
		June Weekend	09:09
		August Weekday	08:48
		August Weekend	08:44

Example – route 1 A3023 Manor Road to A27

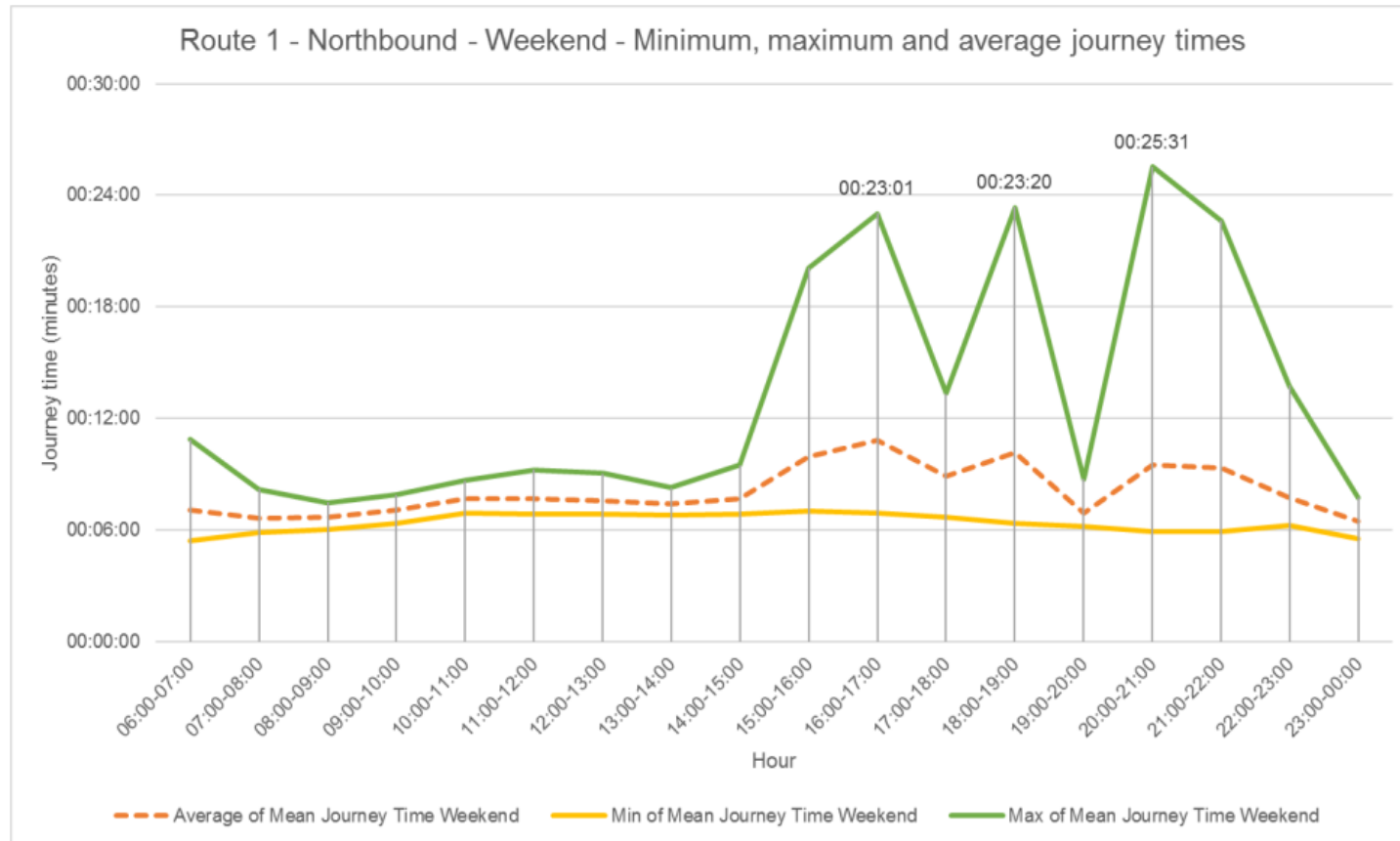
June - Northbound		Min	Max	Average
Weekday	07:00-08:00	06:41	10:03	07:35
	08:00-09:00	06:52	13:54	08:10
	10:00-11:00	06:49	10:35	07:52
	16:00-17:00	06:32	08:27	07:07
Weekend	09:00-10:00	06:22	07:53	07:04
	10:00-11:00	06:05	08:39	07:41
	16:00-17:00	06:53	23:01	10:50

Northbound

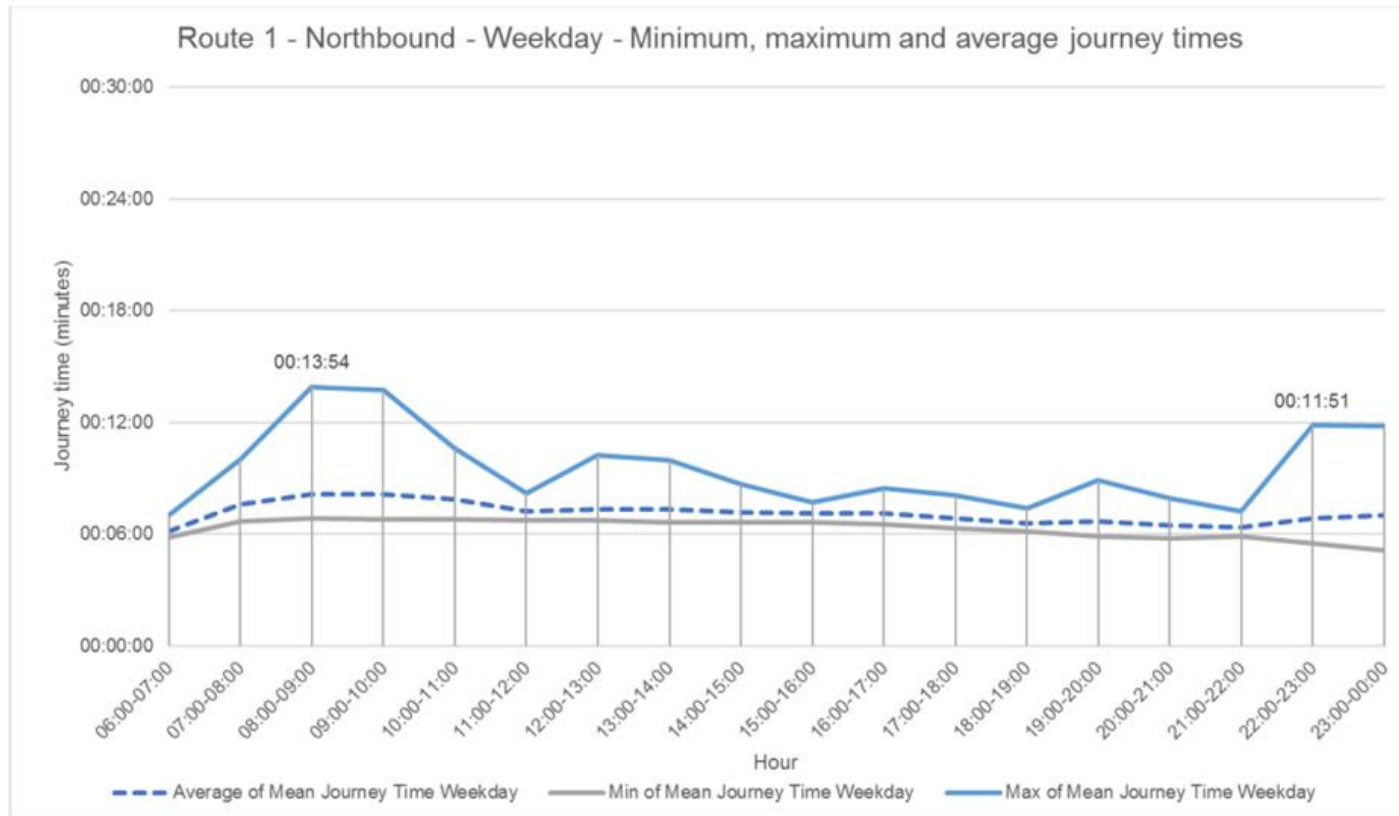
August - Northbound		Min	Max	Average
Weekday	07:00-08:00	06:18	20:44	08:01
	08:00-09:00	06:35	09:51	07:12
	10:00-11:00	07:14	17:10	09:49
	16:00-17:00	06:36	15:41	08:19
Weekend	09:00-10:00	06:28	07:08	06:44
	10:00-11:00	07:08	08:39	07:39
	16:00-17:00	06:45	07:33	07:06



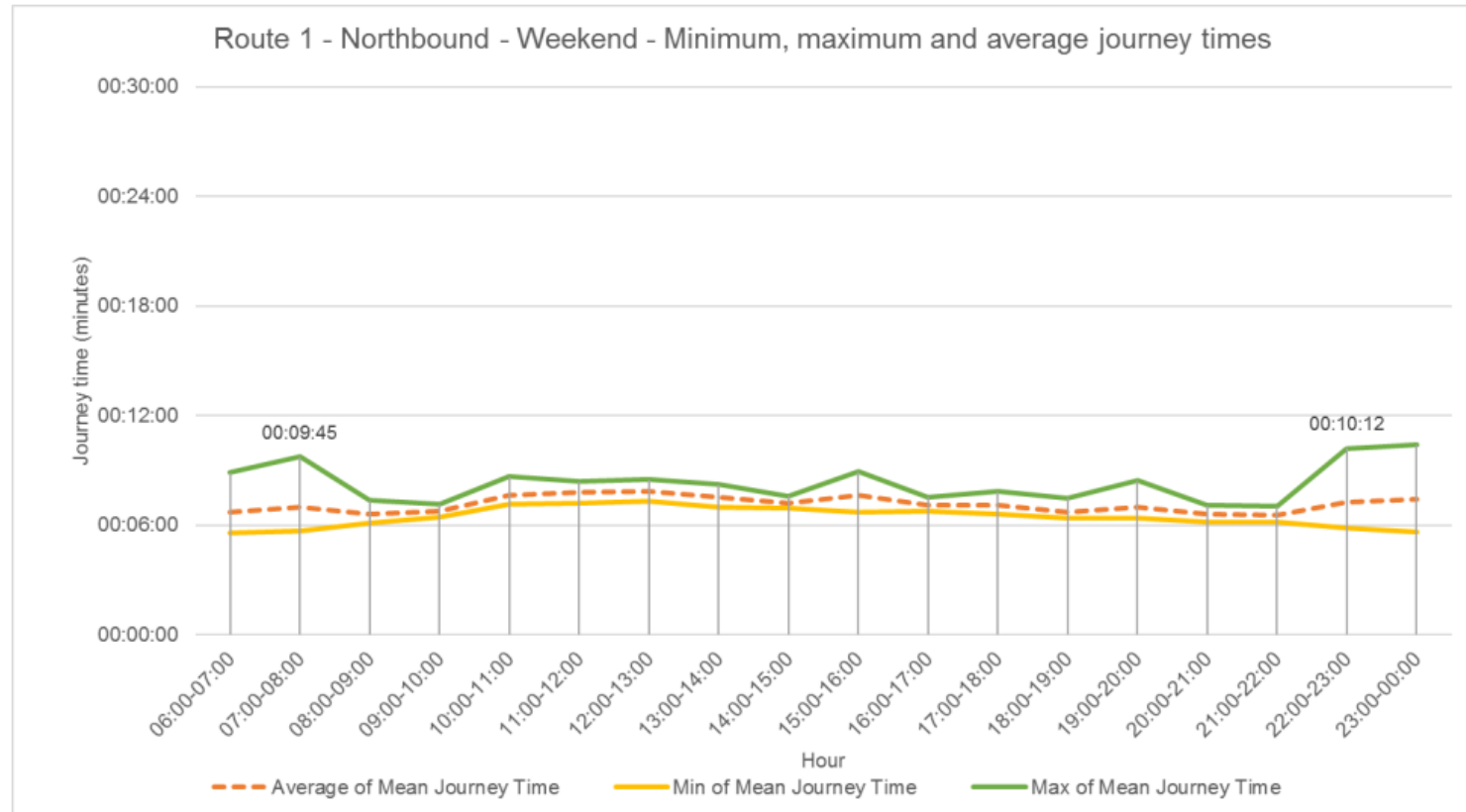
Manor road to A27 – June weekend



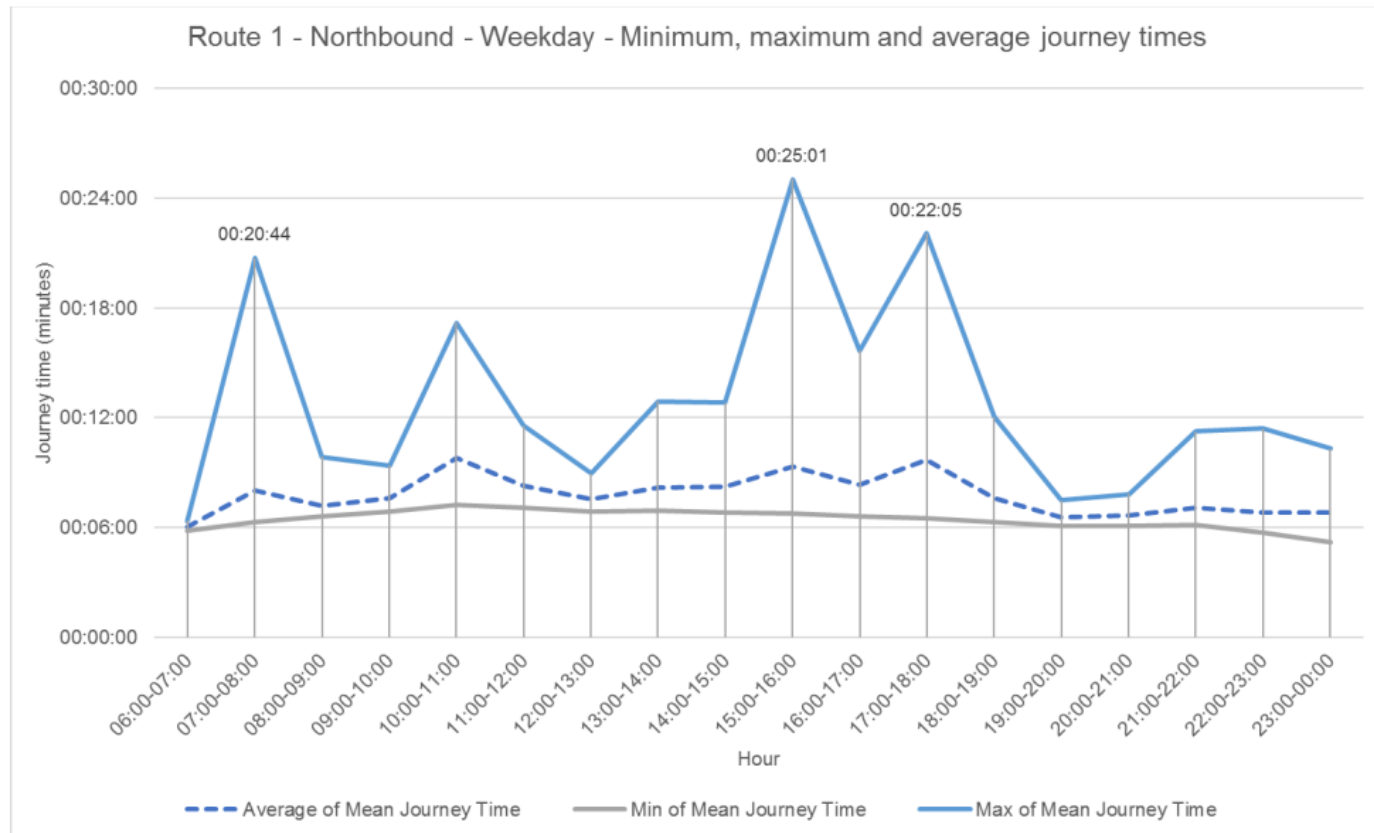
Manor road to A27 – June weekday



Manor road to A27 – Aug weekend



Manor road to A27 – Aug weekday



Summary

- Weekday flows typically higher than weekends;
- Higher journey times typically correspond with higher flows, occurred at weekends and off-peak;
- Less journey time variance during weekdays with a greater variance at weekends;
- Section through Stoke village experienced most variation in journey times;
- Daily average journey times are typically below 10 mins;
- Permanent journey time monitoring in place since mid September.