

Angus Council Traffic Management Section Summary Sheet

VEHICLE & PEDESTRIAN SURVEY (Pedestrian Crossing Assessment)



Requested by: Craig Hudson
 Site Location: Keptie Street, Arbroath, East of
Garden Street
 Date: 08/03/2017

Surveyed By:- Colin Young, Steve Hunt,
Joe Hawke & Jim Cameron
 Weather:- Sunny/showers

START TIME	PEDESTRIANS						EASTBOUND				WESTBOUND				TOTAL V	PV ² /10 ⁸	FOUR HIGHEST pvSQ/10x8	Peds	Vehicles
	Under 16s'	OAP's	Disabled Users	Horse	Others	TOTAL P (factored)	CARS LGVS MCs' etc	HGV's	BUSES	v (factored)	CARS LGVS MCs' etc	HGV's	BUSES	v (factored)				Worst 4 Hours	Worst 4 Hours
						0				0				0	0	0.00000			
0800-0900	24	10	2	0	55	203	261	2	10	285.6	92	1	9	112.3	397.9	0.32140		203	
0900-1000	2	19	1	0	80	170	308	0	11	330	117	0	10	137	467	0.37075	0.37075		
1000-1100	1	17	1	0	51	129	271	1	8	289.3	101	1	9	121.3	410.6	0.21748			
1100-1200	1	31	1	0	57	191	270	2	7	288.6	129	1	7	145.3	433.9	0.35959	0.35959	191	
1200-1300	20	21	2	0	45	221	312	2	10	336.6	187	1	12	213.3	549.9	0.66828	0.66828	221	
1300-1400	2	6	0	0	37	69	234	7	12	274.1	97	3	11	125.9	400	0.11040			
1400-1500	1	7	1	0	57	95	267	4	8	292.2	105	5	13	142.5	434.7	0.17952			
1500-1600	23	7	0	0	66	186	308	2	11	334.6	154	0	11	176	510.6	0.48492	0.48492	186	
1600-1700	10	3	4	0	67	143	297	1	9	317.3	168	1	15	200.3	517.6	0.38311		517.6	
1700-1800	4	5	0	0	42	78	254	0	14	282	186	0	13	212	494	0.19035		494	
						0				0				0	0	0.00000			
12HR TOTAL	88	126	12	0	557	1485	2782	21	100	3030.3	1336	13	110	1585.9	4616.2		1.88354	801	2072.1

WORST FOUR HOURS - AVERAGE VALUE OF PV²/10⁸

0.47089

Number of Pedestrian Accidents in Last 3 Years: 1

Accident Factor = 1.1

WORST FOUR HOURS - AVERAGE PEDS :

200.25

Width of Crossing Point 10.0 m

Difficulty Factor = 1.37

WORST FOUR HOURS - AVERAGE VEHS :

518.03

VALUE OF ADPV² = 0.710

ADDITIONAL COMMENTS :-

Survey area includes school crossing patrol location.