

RSPPG E027 - Traffic Calming Assessment Sheet

Assessment at: **Prospect Road / Oakdale, Ballygowan**

Assessment prepared by: **[Redacted]**

Date: **19 September 2019**

Collision History

(For 3 years prior to assessment)

Assessment period commencing: **01 April 2017**

Collision type	Year	2017	2018	2019	Total	Factor	Points
Peds / Cyclists / Powered 2-wheelers	KSI	1			1	100	100
	Slight		1		1	50	50
Vehicles	KSI				0	50	0
	Slight				0	25	0
						Total	150

Speed (mph)

Speed limit: **30.0** mph

Mean speed (see paragraph 2.2.2.4): **22.9** mph

Area type: **residential**

Speed limit	Points
Residential: scoring speed range = 20mph (25pts) to over 30mph (125pts)	51
30mph area: scoring speed range = 30mph (25pts) to over 40mph (60pts)	0
40mph area: scoring speed range = 40mph (25pts) to over 50mph (50pts)	0
Total	51

Traffic Volume (vph)

Volume (see paragraph 2.2.2.4): **41** **61** **52** **51**

Ave no. vehicles flowing
per hour

Points value	0	10	20	30	Points
Residential	0-25	26-50	51-100	>100	20
30mph	0 - 50	51 - 100	101 - 250	>250	0
40mph	0 - 100	101 - 250	251 - 500	>500	0
Total					20

Environmental

	Points	
Existing or potential for "rat running"	25	25
Adjacent to higher standard TC area (new development or TC scheme)	10	
Percentage of HGV vehicles greater than 10% of total traffic flow	5	
Footway width < 1.5metres (or none)	5	
Nursery, primary or secondary school	10	
Playground or playing fields	5	
Shops	5	
Public buildings, libraries, etc	5	5
Hospital or health centre	5	
Sheltered accommodation or care home	5	
House to kerb < 6.0 metres	5	
Total	30	

Select score if
site qualifies

Total Score

	Score	Sub-total
Collision history	150	
Speed (mph)	51	
Traffic volumes (vph)	20	
Environmental	30	251

Anticipated effectiveness of likely TC measures

	Low	High	Total score
Gateways, rumble strips etc			
Chicanes, build outs etc	Medium		
Road humps, speed cushions etc	High	↑ Select effectiveness ↑	176

AFTER COLLISION RECORD (for monitoring purposes)

(Based on 3 years after completion of the works)

Assessment period commencing: **[Redacted]**

Collision type	Year		Total	Previous Total
Peds / Cyclists / Powered 2-wheelers	KSI			1
	Slight			1
Vehicles	KSI			
	Slight			

After implementation mean speed record (for monitoring purposes, para 2.2.2.4) **[Redacted]** mph