Cycle Safety Intersections



Improving the safety of junctions for all users in Scotland by analysing cycle accident data.





Meadows to George Street Streets for People



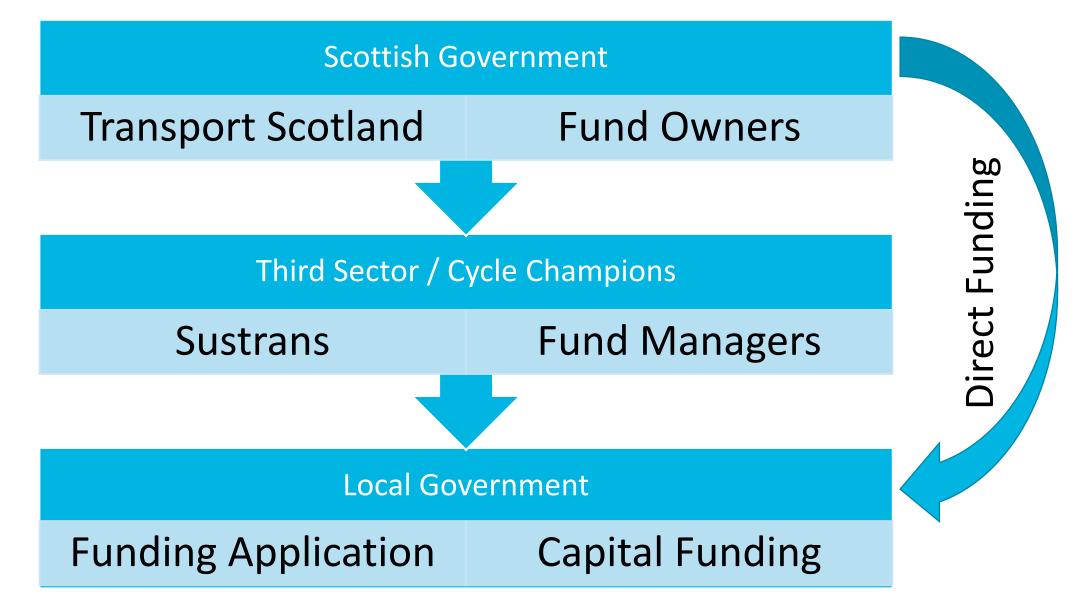
Home Project Details Our Reasons Who, How and When Questions and Answers Contact

MEADOWS TO GEORGE STREET

Our vision is to transform cycling, walking, public spaces and accessibility for all on some of Edinburgh's busiest and most iconic streets.



Scotland Funding Platform









Cycling Action Plan for Scotland 2017-2020

Cycling as a form of transport











Top 20 danger junctions for Scottish cyclists revealed

3 21 May 2017





Cycling safety in Scotland: Cycle collision hotspots

Part of the Scottish Research Programme

June 2016







MODE SHARE





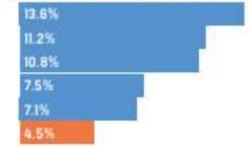
f people cycled as a main mode of travel in 2016.

This figure has fluctuated between 0.8% and 1.4% since 2010

Local Area specific highlights - Top 5

THE TOP 5 LOCAL AUTHORITIES WHO USUALLY OR REGULARLY CYCLE TO WORK

Highland Moray Edinburgh City Dundee City East Lothian National Average





Rank	Location	Area	Number of cycle collisions 2005- 2014
1	A761 / Arkleston Road	Paisley	3
2	A726 / Parkway roundabout	Near Erskine	4
3	A199 / B1361 / A6094 roundabout	Wallyford	3
4	B959 / Robertson Street	Dundee	4
5	Barrhead Road / Peat Road / Braidcraft Road / Brockburn Road roundabout	Glasgow	3
6	Glasgow Road / Viewlands Road	Perth	3
7	A8 / Cathedral street	Glasgow	3
8	High Street	Tranent	3
9	Main Street / B6482 / Newbattle Road mini roundabouts	Newtongrange	3
10	Mearns Road / A727	Clarkston	3
11	Drumbrae roundabout	Edinburgh	8
12	A7 / Craigmillar Castle Road	Edinburgh	7
13	A70 / Juniper Avenue	Edinburgh	3
14	Burdiehouse Road / Straiton Road / Lang long roundabout	Edinburgh	3
15	A823 / Laburnum Road roundabout	Dunfermline	3
16	Spiersbridge roundabout	Thornliebank	3
17	A8 / Springhill Parkway	Glasgow	3
18	B9006 / Tower Road	Inverness	5
19	University Road West / Hermitage Road	Stirling	7
20	Starlaw Road / Boghall roundabout	Bathgate	5

Inverness

T – Junction in a neighbourhood of Inverness.





Inverness – All Accidents

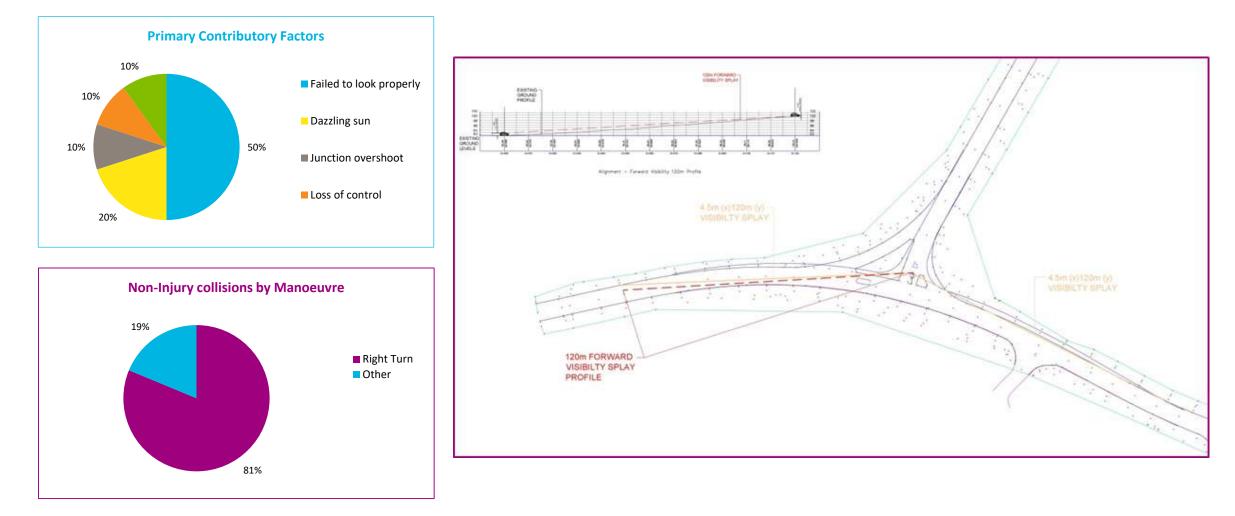
Year	Slight	Serious	Fatal	Total
2012	1	1	0	2
2013	2	0	0	2
2014	3	0	0	3
2015	4	0	0	4
2016	2	0	0	2
Total	12	1	0	13

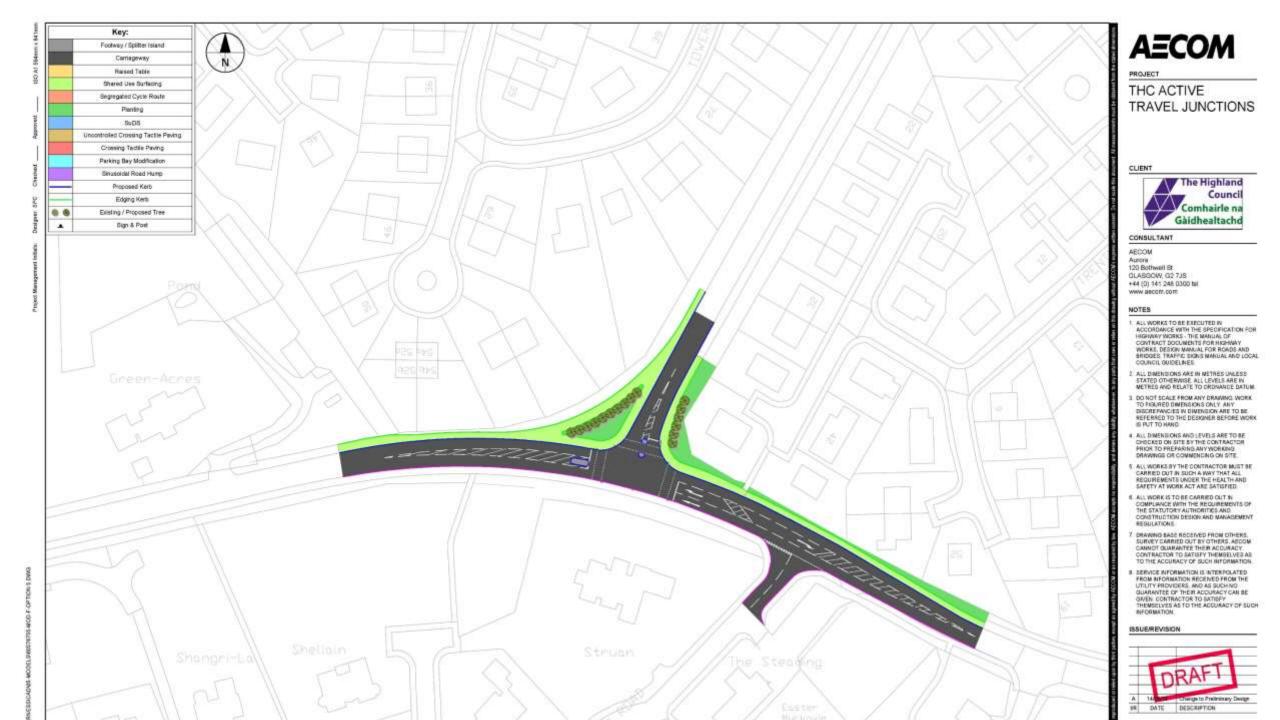


Inverness – Cycle Accidents

Collision Severity	B9006 Culloden Rd. / Tower Rd. Jct			Scotland (RRCS)	
	No. of Collisions	%	No. of Collisions	%	
Fatal	0	0%	3	0.4%	
Serious	0	0%	125	16.7%	
Slight	3	100%	619	82.9%	
Total	3	100%	747	100%	

Inverness – Cause and Review





East Renfrewshire – Roundabouts

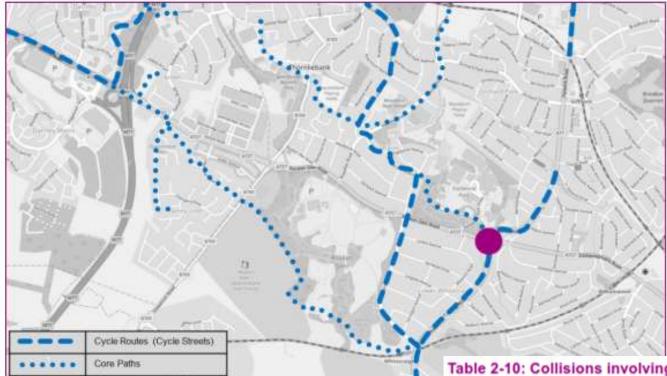


Figure 2-2: Existing Cycle Routes and Core Paths

Table 2-10: Collisions involving Cyclists

Collision Severity	Eastwood Toll Roundabout			National Average, 2012 to 2016, Built-up, Roundabouts Scotland (RRCS)		
	No. of Collisions	%	No. of Collisions	%		
Involving Cyclists	4	23.5%	106	11.9%		
Not Involving Cyclists	13	76.5%	783	88.1%		
Total	17	100%	889	100%		
Source: Table 14, Page 92	2 Reported Road Casualti	es Scotland 2016				

https://www.transport.gov.scot/media/40042/sct09170291561.pdf



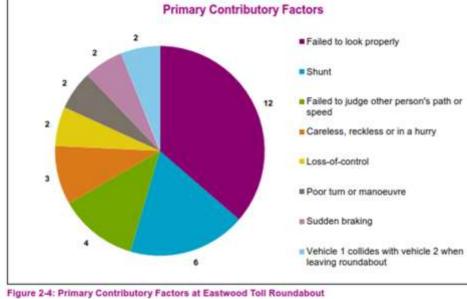




Figure 3-4: Do Something Option 2 General Layout Plan



Figure 2-2: Existing Cycle Routes and Core Paths

Table 2-11: Chi-squared Statistical Analysis at Roundabouts involving Pedal Cycles

		Comparative Test	
	Site	Control	Totals
Involving Cyclists	3	106	109
Not Involving Cyclists	1	783	784
Totals	4	889	893
			1796.5
			3227412.25
			2882079139
		Chi squared =	9.48





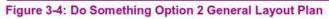




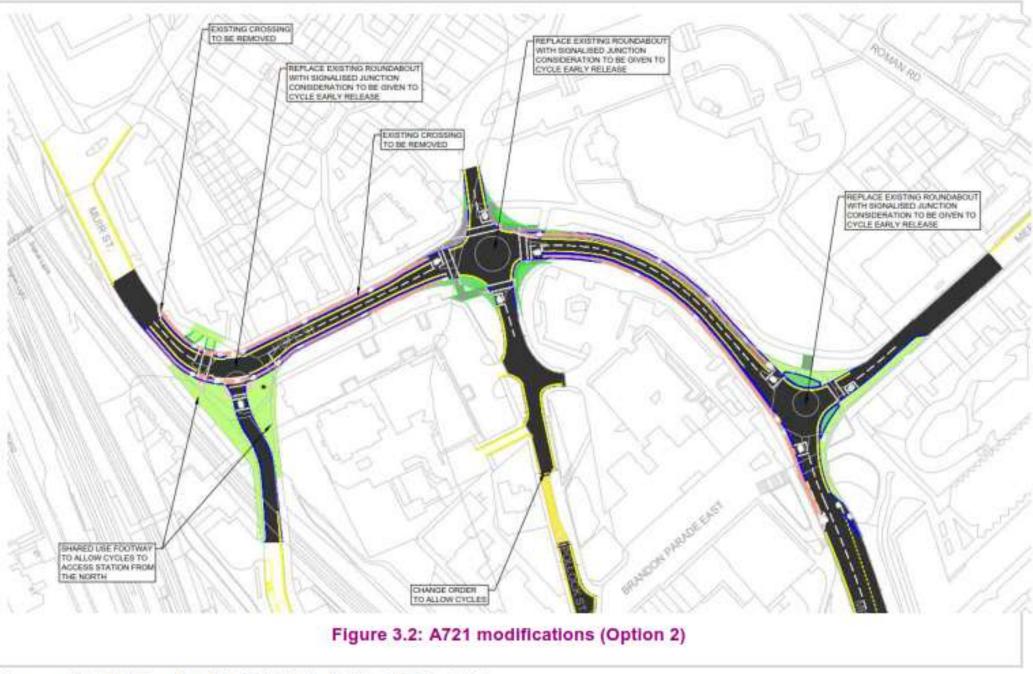
Figure 3-5: Do Something Option 3 General Layout Plan





North Lanarkshire

A town centre area with 3 roundabouts and pedestrianised area.



Source: AECOM Drawing No 60578117_ACM-G-DR-C-0107







Places for Everyone

Application Guide 2019-2020



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