

ABERDEEN CITY COUNCIL

COMMITTEE : **Environment, Planning and Infrastructure**

DATE: **22nd January 2013**

DIRECTOR: **Gordon McIntosh**

TITLE OF REPORT: **Follow up report - restrictions that would prevent heavy or large goods vehicles from using Broomhill Road as a through route.**

REPORT NUMBER: **EPI/12/285**

1. PURPOSE OF REPORT

To provide the Committee, as requested, with a follow-up report from the May 2012 EP&I Committee with the updated survey data for Broomhill Road.

2. RECOMMENDATION(S)

It is recommended that Committee:

1. note the contents of this report and agree that the results of this most recent surveys on Broomhill Road confirm that the:
 - proportion of HGVs travelling along Broomhill Road is not excessive
 - speeds are appropriate for the layout and nature of the road
 - daytime parking does not generally obstruct the passage of vehicles on this major route into the City.
2. agree that no further action be taken and that officers continue to monitor the traffic flows on Broomhill Road in line with normal traffic management operations.

3. FINANCIAL IMPLICATIONS

There are no financial implications relating to the recommendation.

4. OTHER IMPLICATIONS

There are no other implications with this recommendation.

5. BACKGROUND/MAIN ISSUES

- 5.1 At the meeting of this Committee on 13th September 2011 a motion from Councillor Yuill was raised:

“That given the ongoing difficulties caused by HGVs using Broomhill Road as a through route, Council instructs officers to report to the appropriate committee on the introduction of an ‘except for access’ weight or width restriction on some or all of Broomhill Road between Holburn Street and South Anderson Drive”

- 5.2 This committee instructed officers to report on the terms of the motion to a future meeting of the Enterprise, Planning and Infrastructure Committee and this report was presented to committee on 31st January 2012 with the findings.
- 5.3 As a result of this report committee instructed a further report detailing the various options and their respective merits and drawbacks, to be reported back to a future meeting. This second report was presented to Committee in May 2012.
- 5.4 The Committee approved that no further action was to be taken with regard to an HGV restriction but that further surveys be carried out on completion of the Puffin crossing at the primary school, and the results reported back to a future Committee
- 5.5 The types of surveys requested, and subsequently carried out, are as follows:
- Vehicle classification survey
 - Vehicle speed survey (handheld)
 - On-street parking survey (am and pm)
- 5.6 The results from the above surveys are detailed as follows:
- Vehicle classification survey
From the summarised results below it can be seen that, in the morning peak, just over 5% of the total number of vehicles using Broomhill Road are HGVs and in the evening peak it falls to 3%. These percentages are of a similar magnitude to the earlier classification surveys carried out and well within the acceptable limit (11%) for local distributor roads such as Broomhill Road.

Vehicle classification survey (summary)			
	Non-HGV	HGV	%HGV
Morning Peak			
8-9	749	32	4.3
9-10	411	25	6.1
Total	1160	57	Av=5.2
Evening Peak			
4-5	760	27	3.6
5-6	776	18	2.3
Total	1536	45	Av=3

(The full results can be viewed in **Appendix A**)

- Speed survey results: from the speed survey the 85th percentile speeds have been calculated in both directions. (The 85th percentile speed is the speed at which 85% of the traffic is travelling at or below in free-flow conditions.)

These surveys were carried out close to Broomhill Primary School and outwith the peak flow times. These speeds are likely to be the highest speeds recorded during the day.

The 85th percentile speed for traffic travelling eastwards is **30mph** in the morning and **27mph** in the afternoon. Westwards the 85th percentile speeds were **33mph** in the morning and **30mph** in the afternoon. The corresponding mean speeds are eastwards 27mph and 24mph and westwards 30mph and 27mph.

Although just at the higher end of the speed limit, these speeds are acceptable for a local distributor road and not at a level at which Grampian Police would instigate enforcement.

Speeds during the peak flows would be anticipated to be less given the increased flows and traffic conflicts.

Morning survey	Eastbound		Westbound	
	mph	kph	mph	kph
85th percentile speed	30.2	48.5	33.0	53.1
Mean Speed	27.2	43.8	29.8	47.9
Standard deviation	3.1	4.9	3.6	5.8
Maximum speed	35.0	56.3	40.0	64.4
Minimum speed	20.0	32.2	19.0	30.6

Afternoon survey	Eastbound		Westbound	
	mph	kph	mph	kph
85 th percentile	27.2	43.7	30	48.3
Mean Speed	23.8	38.3	26.9	43.3
Standard deviation	3.4	5.4	4.1	6.6
Maximum Speed	36.0	57.9	40.0	64.4
Minimum Speed	17.0	27.4	18.0	29.0

- Parking survey results:

Morning survey

This survey, taken mid-morning, shows no vehicles parking on the south side of Broomhill Road along its full length.

Along the central section, between Balmoral Terrace and Salisbury Terrace the vehicles were parked within bays denoted by physical build-outs leaving a full width carriageway, and therefore did not impact on the traffic flow.

Along the section between Salisbury Terrace and South Anderson Drive there were five vehicles parked on the north side. Although these were not in designated parking bays the road here is wide enough to accommodate this level of parking without major impact on traffic flowing to and from the City.

Along the eastern section there were two vehicles parked illegally on waiting restrictions, and, as this is the narrowest section of Broomhill Road, these vehicles have the potential for impeding the traffic flow on Broomhill Road.

This is an enforcement issue and we have contacted the City Wardens' office to highlight this issue and request additional resources at this location.

Afternoon survey

The afternoon survey was carried out between 3:00pm and 4:00pm, the time at which school pupils were finishing school. This is likely to be the busiest time during the day with regard to parking.

The results were broadly similar to the morning survey with parking only on the north side of Broomhill Road between the school and Holburn Road but with an additional six vehicles. All were parked in the formed parking bays and none on the single line restrictions.

There were, however, two vehicles parked opposite the school on the zig-zags associated with the new puffin crossing on the south side of Broomhill Road. These zig-zags prohibit vehicles stopping along the kerbside covered by them and therefore parking on them is also prohibited.

Again this is an enforcement issue but is an offence that can only be dealt with by Grampian Police. Grampian Police have been contacted with the results of this latest survey and a request that this location be given additional attention at the appropriate times.

5.7 In conclusion, the results from the requested surveys confirm that the HGV numbers are acceptable and typical of the layout and nature of this road.

The requested speed and parking surveys show that the majority of drivers adhere to the speed and waiting restrictions currently in place. However, as previously stated, these will continue to be monitored in line with normal traffic management operations.

6. IMPACT

- 6.1 The content of the report meets with the local Community Plan objectives to continually improve road safety and maximize accessibility for all modes of transport

7. BACKGROUND PAPERS

Minutes of Council meeting 17th August 2011

<http://committees.aberdeencity.gov.uk/mgConvert2PDF.aspx?ID=1972&T=1>

Minutes of EP&I Committee meeting of 13th September 2011

<http://committees.aberdeencity.gov.uk/mgConvert2PDF.aspx?ID=1908&T=1>

Report and minutes of EP&I meeting of 31st January 2012

<http://committees.aberdeencity.gov.uk/mgConvert2PDF.aspx?ID=2283&T=10>

<http://committees.aberdeencity.gov.uk/mgConvert2PDF.aspx?ID=2283&T=1>

Report and minutes of EP&I meeting of 31st May 2012

<http://councilcommittees/mgConvert2PDF.aspx?ID=2284&T=10>

<http://councilcommittees/mgConvert2PDF.aspx?ID=2284&T=1>

8. REPORT AUTHOR DETAILS

Ruth Milne, Technical Officer, rumilne@aberdeencity.gov.uk (01224) 538052

APPENDIX A

BROOMHILL ROAD - PERCENTAGE OF HGVs at peak hours

NON-HGVs					HGVS								%HGVs
CYCLES	VEHICLES	CARS/TAXIS	LGV	2 AXLES (R)	3 AXLES (R)	4 AXLES (R)	3 AXLES (A)	4 AXLES (A)	5 AXLES (A)	6 AXLES (A)	BUSES		
8:00 - 9:00													
0800-0815	3	1	122	9	3	1	0	0	0	0	0	1	
0815-0830	1	1	110	15	1	1	0	0	0	0	0	2	
0830-0845	2	0	102	8	1	1	0	0	0	0	0	3	
0845-0900	3	0	100	4	0	0	0	0	0	0	0	8	
	9	2	434	36	5	3	0	0	0	0	0	14	
0800-0815	1	0	54	2	0	0	0	0	0	0	1	0	
0815-0830	3	0	62	11	2	0	0	0	0	0	0	0	
0830-0845	2	0	70	4	0	0	0	0	0	0	1	3	
0845-0900	1	0	49	9	1	1	0	0	0	0	0	1	
	7	0	235	26	3	1	0	0	0	0	2	4	
Both directions	16	2	669	62	8	4	0	0	0	0	2	18	4%
749					32								
9:00 - 10:00													
0900-0915	1	0	75	8	3	1	0	0	0	0	0	3	
0915-0930	0	0	46	10	2	0	0	0	0	0	0	2	
0930-0945	0	0	39	9	0	1	0	0	0	0	0	2	
0945-1000	0	0	35	2	0	0	0	0	0	0	0	2	
	1	0	195	29	5	2	0	0	0	0	0	9	
0900-0915	0	0	53	9	0	1	1	0	0	0	0	1	
0915-0930	1	0	46	8	0	0	1	0	0	0	1	1	
0930-0945	0	0	36	6	0	0	0	0	0	0	1	1	
0945-1000	0	0	26	1	0	0	0	0	0	0	0	1	
	1	0	161	24	0	1	2	0	0	0	2	4	
Both directions	2	0	356	53	5	3	2	0	0	0	2	13	
411					25								6%

4:00 - 5:00														
0400-0415	0	0	53	18	0	0	0	0	0	0	0	0	2	
0415-0430	2	0	45	2	0	0	0	0	0	0	0	1	3	
0430-0445	2	0	73	2	0	0	0	0	0	0	0	1	1	
0445-0500	0	0	85	6	0	0	0	0	0	0	0	1	1	
	4	0	256	28	0	0	0	0	0	0	0	3	7	
0400-0415	0	0	66	16	0	2	0	0	0	0	0	3	2	
0415-0430	0	0	101	10	1	0	0	0	0	0	0	0	2	
0430-0445	0	1	116	5	1	0	0	0	0	0	0	0	3	
0445-0500	2	2	143	10	1	0	0	0	0	0	0	0	2	
	2	3	426	41	3	2	0	0	0	0	0	3	9	
Both directions	6	3	682	69	3	2	0	0	0	0	0	6	16	4%
			760										27	
5:00 - 6:00														
0500-0515	2	0	77	3	1	0	0	0	0	0	0	0	1	
0515-0530	1	1	61	5	0	0	0	0	0	0	0	3	1	
0530-0545	1	0	107	6	0	0	0	0	0	0	0	1	3	
0545-0600	3	0	65	5	0	0	0	0	0	0	0	1	0	
	7	1	310	19	1	0	0	0	0	0	0	5	5	
0500-0515	1	1	138	2	0	0	0	0	0	0	0	0	1	
0515-0530	1	0	144	4	0	0	0	0	0	1	1	1	1	
0530-0545	0	0	88	6	1	0	0	0	0	0	0	0	2	
0545-0600	3	0	48	3	0	0	0	0	0	0	0	0	0	
	5	1	418	15	1	0	0	0	0	1	1	1	4	
Both directions	12	2	728	34	2	0	0	0	0	1	6	9	2%	
			776										18	

Consultees comments

Enterprise, Planning and Infrastructure Committee

Convener: Councillor Barney Crockett – has been consulted

Vice Convener: Councillor Ramsay Milne – has been consulted

Council Officers

Councillor Colin Walker **has been consulted**

Councillor *Gordon Townson* **has been consulted**

Councillor Ian Yuill **has been consulted**

Barry Jenkins, Head of Finance, Resources – ***has been consulted and has no comments on this report***

Jane MacEachran, City Solicitor, Continuous Improvement - ***has been consulted***

Ciaran Monaghan, Head of Service, Office of Chief Executive - ***has been consulted***

Gordon McIntosh, Director of Enterprise, Planning and Infrastructure - ***has been consulted***

Hugh Murdoch, Head of Service, Shelter and Environment – ***has been consulted***

Margaret Bochel, Head of Planning & Infrastructure, Strategic Leadership – ***has been consulted and has no comments on this report***

Mike Cheyne, Roads Manager - ***has been consulted***

Neil Carnegie, Community Safety Manager - ***has been consulted***

Dave Young, Account Manager, Service, Design and Development - ***has been consulted***

Laura Watson, Service Co-ordinator
