

Traffic Impact Summary

AM Peak (07:30 to 08:30hrs) Traffic Impact Summary

Jct.	Link Description	2014 Base + Committed Flows (as PCU's)	2019 Base + Committed Flows (as PCU's)	2014 Base + Committed + Development Flows (as PCU's)	2019 Base + Committed + Development Flows (as PCU's)	%age Impact @ 2014	%age Impact @ 2019
A403 / B4064 Crossroads	A403-Severn Road (North)	754	754	773	773	2.5%	2.5%
	B4064-Redwick Road (East)	197	197	197	197	0.0%	0.0%
	A403-Severn Road (South)	637	637	657	657	3.1%	3.1%
	B4064-Redwick Road (West)	157	157	157	157	0.0%	0.0%
	Junction Total	1,745	1,745	1,784	1,784	2.2%	2.2%
A403 Severn Road / Chittening	A403-Severn Road (North)	701	701	727	727	3.7%	3.7%
	Severn Road (East)	190	190	236	236	24.0%	24.0%
	A403-Chittening Road	738	738	764	764	3.5%	3.5%
	Junction Total	1,629	1,629	1,727	1,727	6.0%	6.0%
Severn Road / Site Access	Severn Road (West)	186	186	233	233	25.2%	25.2%
	Site Access	0	0	43	43	N/A	N/A
	Severn Road (East)	190	190	193	193	1.7%	1.7%
	Junction Total	376	376	469	469	24.8%	24.8%
A403 Chittening Road / Lawrence	A403-Chittening Road (North)	743	743	762	762	2.5%	2.5%
	Lawrence Weston Road	270	270	270	270	0.0%	0.0%
	A403-Chittening Road (South)	956	956	976	976	2.1%	2.1%
	Junction Total	1,969	1,969	2,008	2,008	2.0%	2.0%
A403 Chittening Road / Kings	A403-Chittening Road (North)	916	916	935	935	2.1%	2.1%
	Kings Weston Road	123	123	123	123	0.0%	0.0%
	A403-Chittening Road (South)	739	739	759	759	2.7%	2.7%
	Junction Total	1,778	1,778	1,817	1,817	2.2%	2.2%
St. Andrews Roundabout	A403-Chittening Road (North)	1,184	1,184	1,203	1,203	1.6%	1.6%
	A403-Crowley Way	1,718	1,718	1,738	1,738	1.2%	1.2%
	McLaren Road	260	260	260	260	0.0%	0.0%
	Bristol Port Company	210	210	210	210	0.0%	0.0%
	Junction Total	3,372	3,372	3,411	3,411	1.1%	1.1%

PM Peak (17:00 to 18:00hrs) Traffic Impact Summary

Jct.	Link Description	2014 Base + Committed Flows (as PCU's)	2019 Base + Committed Flows (as PCU's)	2014 Base + Committed + Development Flows (as PCU's)	2019 Base + Committed + Development Flows (as PCU's)	%age Impact @ 2014	%age Impact @ 2019
A403 / B4064 Crossroads	A403-Severn Road (North)	510	510	522	522	2.3%	2.3%
	B4064-Redwick Road (East)	251	251	251	251	0.0%	0.0%
	A403-Severn Road (South)	808	808	819	819	1.4%	1.4%
	B4064-Redwick Road (West)	97	97	97	97	0.0%	0.0%
	Junction Total	1,666	1,666	1,689	1,689	1.4%	1.4%
A403 Severn Road / Chittening	A403-Severn Road (North)	518	518	529	529	2.2%	2.2%
	Severn Road (East)	150	150	194	194	29.1%	29.1%
	A403-Chittening Road	873	873	884	884	1.3%	1.3%
	Junction Total	1,541	1,541	1,607	1,607	4.3%	4.3%
Severn Road / Site Access	Severn Road (West)	226	226	226	226	0.0%	0.0%
	Site Access	0	0	26	26	N/A	N/A
	Severn Road (East)	150	150	150	150	0.0%	0.0%
	Junction Total	376	376	402	402	6.8%	6.8%
A403 Chittening Road / Lawrence	A403-Chittening Road (North)	467	467	479	479	2.5%	2.5%
	Lawrence Weston Road	395	395	395	395	0.0%	0.0%
	A403-Chittening Road (South)	874	874	885	885	1.3%	1.3%
	Junction Total	1,736	1,736	1,759	1,759	1.3%	1.3%
A403 Chittening Road / Kings	A403-Chittening Road (North)	584	584	596	596	2.0%	2.0%
	Kings Weston Road	95	95	95	95	0.0%	0.0%
	A403-Chittening Road (South)	908	908	919	919	1.2%	1.2%
	Junction Total	1,587	1,587	1,610	1,610	1.5%	1.5%
St. Andrews Roundabout	A403-Chittening Road (North)	1,412	1,412	1,424	1,424	0.8%	0.8%
	A403-Crowley Way	1,142	1,142	1,153	1,153	1.0%	1.0%
	McLaren Road	125	125	125	125	0.0%	0.0%
	Bristol Port Company	446	446	446	446	0.0%	0.0%
	Junction Total	3,125	3,125	3,148	3,148	0.7%	0.7%

402.0036.00374

Proposed Resourced Recovery Centre, Severn Road, Avonmouth
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21/10/2009

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