

Vauxhall Cross: Summary of modelling results

Correctas at 18th November 2015		Base Model - Situation on street as of Nov 2013				Future Base Model - Situation on street in 2018 without the proposed scheme at Vauxhall				Difference between Future Base and Base		Future Model with proposed Vauxhall scheme (2018)				Difference between Base and Future Model with scheme		Difference between Future Base and Future Model with scheme	
User	Current journeys	AM	PM	Journeys modelled	AM	PM	AM	PM	Journeys modelled	AM	PM	AM	PM	AM	PM	AM	PM		
Traffic Average journey times (minutes)	Wandsworth Road to Albert Embankment	Northbound	2 to 3m	2 to 3m	Wandsworth Road to Albert Embankment	Northbound	2 to 3m	2 to 3m	0 to 1m	0 to 1m	Wandsworth Road to Albert Embankment	Northbound	3 to 5m	3 to 5m	1 to 2m	2 to 3m	1 to 2m	2 to 3m	
		Southbound	3 to 5m	3 to 5m	Wandsworth Road to Albert Embankment	Southbound	3 to 5m	2 to 3m	-1 to 0m	-2 to -1m	Wandsworth Road to Albert Embankment	Southbound	2 to 3m	3 to 5m	-1 to 0m	-1 to 0m	-1 to 0m	1 to 2m	
	Nine Elms to Albert Embankment	Northbound	2 to 3m	1 to 2m	Nine Elms to Albert Embankment	Northbound	3 to 5m	2 to 3m	0 to 1m	0 to 1m	Nine Elms to Albert Embankment	Northbound	3 to 5m	3 to 5m	1 to 2m	2 to 3m	0 to 1m	2 to 3m	
		Southbound	3 to 5m	3 to 5m	Nine Elms to Albert Embankment	Southbound	3 to 5m	3 to 5m	-1 to 0m	-1 to 0m	Nine Elms to Albert Embankment	Southbound	2 to 3m	3 to 5m	-1 to 0m	-1 to 0m	-1 to 0m	0 to 1m	
	Nine Elms to South Lambeth Road	Eastbound	3 to 5m	3 to 5m	Nine Elms to South Lambeth Road	Eastbound	3 to 5m	3 to 5m	1 to 2m	-2 to -1m	Nine Elms to South Lambeth Road	Eastbound	2 to 3m	2 to 3m	-2 to -1m	-2 to -1m	-3 to -2m	-1 to 0m	
		Westbound	2 to 3m	2 to 3m	Nine Elms to South Lambeth Road	Westbound	3 to 5m	2 to 3m	1 to 2m	-1 to 0m	Nine Elms to South Lambeth Road	Westbound	5 to 10m	3 to 5m	2 to 3m	1 to 2m	0 to 1m	2 to 3m	
	Albert Embankment to South Lambeth Road	Southbound	2 to 3m	3 to 5m	Albert Embankment to South Lambeth Road	Southbound	3 to 5m	2 to 3m	0 to 1m	-2 to -1m	Albert Embankment to South Lambeth Road	Southbound	3 to 5m	3 to 5m	0 to 1m	1 to 2m	0 to 1m	2 to 3m	
		Northbound	3 to 5m	3 to 5m	South Lambeth Road to Vauxhall Bridge	Northbound	5 to 10m	3 to 5m	1 to 2m	0 to 1m	South Lambeth Road to Vauxhall Bridge	Northbound	5 to 10m	5 to 10m	2 to 3m	3 to 5m	0 to 1m	2 to 3m	
	South Lambeth Road to Vauxhall Bridge	Eastbound	1 to 2m	2 to 3m	South Lambeth Road to Vauxhall Bridge	Eastbound	1 to 2m	1 to 2m	0 to 1m	-1 to 0m	South Lambeth Road to Vauxhall Bridge	Eastbound	2 to 3m	2 to 3m	0 to 1m	0 to 1m	0 to 1m	1 to 2m	
		Westbound	3 to 5m	3 to 5m	Harleyford Rd to Vauxhall Bridge (CS5)	Westbound	3 to 5m	3 to 5m	-1 to 0m	0 to 1m	Harleyford Rd to Vauxhall Bridge (CS5)	Westbound	1 to 2m	3 to 5m	-2 to -1m	0 to 1m	-2 to -1m	0 to 1m	
	Harleyford Rd to Vauxhall Bridge (CS5)	Eastbound	2 to 3m	3 to 5m	Harleyford Rd to Vauxhall Bridge (CS5)	Eastbound	3 to 5m	3 to 5m	1 to 2m	0 to 1m	Harleyford Rd to Vauxhall Bridge (CS5)	Eastbound	2 to 3m	2 to 3m	0 to 1m	-1 to 0m	-1 to 0m	-1 to 0m	
		Westbound	3 to 5m	3 to 5m	Kennington Cross to Nine Elms	Westbound	5 to 10m	5 to 10m	1 to 2m	1 to 2m	Kennington Cross to Nine Elms	Westbound	5 to 10m	5 to 10m	2 to 3m	3 to 5m	1 to 2m	2 to 3m	
Kennington Cross to Nine Elms	Eastbound	5 to 10m	5 to 10m	Kennington Cross to Nine Elms	Eastbound	5 to 10m	5 to 10m	3 to 5m	-1 to 0m	Kennington Cross to Nine Elms	Eastbound	5 to 10m	5 to 10m	1 to 2m	1 to 2m	-3 to -2m	1 to 2m		
	Westbound	5 to 10m	5 to 10m	Kennington Cross to Vauxhall Bridge	Westbound	5 to 10m	5 to 10m	1 to 2m	1 to 2m	Kennington Cross to Vauxhall Bridge	Westbound	3 to 5m	5 to 10m	-1 to 0m	0 to 1m	-3 to -2m	-1 to 0m		
Kennington Cross to Vauxhall Bridge	Eastbound	3 to 5m	3 to 5m	Kennington Cross to Vauxhall Bridge	Eastbound	5 to 10m	3 to 5m	2 to 3m	-1 to 0m	Kennington Cross to Vauxhall Bridge	Eastbound	3 to 5m	3 to 5m	0 to 1m	-1 to 0m	-3 to -2m	-1 to 0m		
	Westbound	3 to 5m	2 to 3m	Bridgefoot to Vauxhall Bridge Road by Moreton Street (IRR)	Westbound	3 to 5m	5 to 10m	0 to 1m	2 to 3m	Bridgefoot to Vauxhall Bridge Road by Moreton Street (IRR)	Westbound	2 to 3m	3 to 5m	-1 to 0m	2 to 3m	-2 to -1m	-1 to 0m		
Bridgefoot to Vauxhall Bridge Road by Moreton Street (IRR)	Eastbound	3 to 5m	3 to 5m	Bridgefoot to Vauxhall Bridge Road by Moreton Street (IRR)	Eastbound	5 to 10m	10 to 15m	3 to 5m	5 to 10m	Bridgefoot to Vauxhall Bridge Road by Moreton Street (IRR)	Eastbound	5 to 10m	5 to 10m	1 to 2m	1 to 2m	-3 to -2m	-5 to -3m		
	Westbound	5 to 10m	5 to 10m	Route 185, 36, 436 (between Kennington Lane and Vauxhall Bridge Rd via Drummond Gate)	Westbound	5 to 10m	5 to 10m	2 to 3m	3 to 5m	Route 185, 36, 436 (between Kennington Lane and Vauxhall Bridge Rd via Drummond Gate)	Westbound	5 to 10m	10 to 15m	-1 to 0m	3 to 5m	-5 to -3m	1 to 2m		
Buses Journey times on routes through the scheme area (minutes)	Route 185, 36, 436 (between Kennington Lane and Vauxhall Bridge Rd via Drummond Gate)	Eastbound	5 to 10m	10 to 15m	Route 185, 36, 436 (between Kennington Lane and Vauxhall Bridge Rd via Drummond Gate)	Eastbound	15 to 20m	15 to 20m	5 to 10m	5 to 10m	Route 185, 36, 436 (between Kennington Lane and Vauxhall Bridge Rd via Drummond Gate)	Eastbound	15 to 20m	10 to 15m	5 to 10m	3 to 5m	0 to 1m	-2 to -1m	
		Westbound	5 to 10m	5 to 10m	Route 360 (between Drummond Gate and Albert Embankment via Vauxhall Bridge Road)	Northbound	10 to 15m	10 to 15m	1 to 2m	3 to 5m	Route 360 (between Drummond Gate and Albert Embankment via Vauxhall Bridge Road)	Northbound	10 to 15m	10 to 15m	3 to 5m	3 to 5m	2 to 3m	0 to 1m	
	Route 360 (between Drummond Gate and Albert Embankment via Vauxhall Bridge Road)	Westbound	5 to 10m	5 to 10m	Route 360 (between Drummond Gate and Albert Embankment via Vauxhall Bridge Road)	Westbound	5 to 10m	5 to 10m	0 to 1m	1 to 2m	Route 360 (between Drummond Gate and Albert Embankment via Vauxhall Bridge Road)	Westbound	5 to 10m	10 to 15m	0 to 1m	3 to 5m	0 to 1m	2 to 3m	
		Southbound	3 to 5m	5 to 10m	Route 87 (between Wandsworth Rd and Millbank via Vauxhall Bridge Rd)	Southbound	5 to 10m	5 to 10m	0 to 1m	2 to 3m	Route 87 (between Wandsworth Rd and Millbank via Vauxhall Bridge Rd)	Southbound	5 to 10m	5 to 10m	2 to 3m	1 to 2m	1 to 2m	-1 to 0m	
	Route 87 (between Wandsworth Rd and Millbank via Vauxhall Bridge Rd)	Westbound	5 to 10m	5 to 10m	Route 87 (between Wandsworth Rd and Millbank via Vauxhall Bridge Rd)	Westbound	5 to 10m	5 to 10m	0 to 1m	1 to 2m	Route 87 (between Wandsworth Rd and Millbank via Vauxhall Bridge Rd)	Westbound	5 to 10m	5 to 10m	2 to 3m	2 to 3m	1 to 2m	1 to 2m	
		Southbound	5 to 10m	5 to 10m	Route 2 (between Vauxhall Bridge Road and South Lambeth Road)	Southbound	10 to 15m	10 to 15m	2 to 3m	5 to 10m	Route 2 (between Vauxhall Bridge Road and South Lambeth Road)	Southbound	10 to 15m	5 to 10m	1 to 2m	1 to 2m	-1 to 0m	-5 to -3m	
	Route 2 (between Vauxhall Bridge Road and South Lambeth Road)	Westbound	5 to 10m	5 to 10m	Route 2 (between Vauxhall Bridge Road and South Lambeth Road)	Westbound	5 to 10m	5 to 10m	1 to 2m	0 to 1m	Route 2 (between Vauxhall Bridge Road and South Lambeth Road)	Westbound	5 to 10m	5 to 10m	1 to 2m	1 to 2m	0 to 1m	0 to 1m	
		Southbound	5 to 10m	5 to 10m	Route 88 (between John Islip St via Vauxhall Bridge Rd to South Lambeth Road)	Southbound	5 to 10m	5 to 10m	-1 to 0m	1 to 2m	Route 88 (between John Islip St via Vauxhall Bridge Rd to South Lambeth Road)	Southbound	5 to 10m	5 to 10m	0 to 1m	1 to 2m	1 to 2m	-1 to 0m	
	Route 88 (between John Islip St via Vauxhall Bridge Rd to South Lambeth Road)	Westbound	5 to 10m	5 to 10m	Route 88 (between John Islip St via Vauxhall Bridge Rd to South Lambeth Road)	Westbound	5 to 10m	5 to 10m	2 to 3m	1 to 2m	Route 88 (between John Islip St via Vauxhall Bridge Rd to South Lambeth Road)	Westbound	5 to 10m	5 to 10m	1 to 2m	2 to 3m	-1 to 0m	0 to 1m	
		Eastbound	5 to 10m	5 to 10m	Route 196 (between Kennington Lane via Harleyford Rd and Vauxhall Bridge Rd)	Southbound	5 to 10m	5 to 10m	0 to 1m	-1 to 0m	Route 196 (between Kennington Lane via Harleyford Rd and Vauxhall Bridge Rd)	Southbound	5 to 10m	5 to 10m	0 to 1m	0 to 1m	-1 to 0m	1 to 2m	
	Route 196 (between Kennington Lane via Harleyford Rd and Vauxhall Bridge Rd)	Eastbound	3 to 5m	5 to 10m	Route 196 (between Kennington Lane via Harleyford Rd and Vauxhall Bridge Rd)	Eastbound	3 to 5m	3 to 5m	0 to 1m	-3 to -2m	Route 196 (between Kennington Lane via Harleyford Rd and Vauxhall Bridge Rd)	Eastbound	5 to 10m	5 to 10m	2 to 3m	-1 to 0m	2 to 3m	1 to 2m	
		Westbound	5 to 10m	5 to 10m	Route 156 (A loop from Nine Elms to Nine Elms)	Eastbound	5 to 10m	5 to 10m	0 to 1m	-1 to 0m	Route 156 (A loop from Nine Elms to Nine Elms)	Eastbound	10 to 15m	5 to 10m	3 to 5m	3 to 5m	3 to 5m	3 to 5m	
Route 156 (A loop from Nine Elms to Nine Elms)	Westbound	3 to 5m	5 to 10m	Route 344 (between Nine Elms and Albert Embankment)	Northbound	5 to 10m	5 to 10m	1 to 2m	0 to 1m	Route 344 (between Nine Elms and Albert Embankment)	Northbound	5 to 10m	5 to 10m	1 to 2m	1 to 2m	0 to 1m	1 to 2m		
	Southbound	5 to 10m	5 to 10m	Route 344 (between Nine Elms and Albert Embankment)	Southbound	5 to 10m	5 to 10m	0 to 1m	-1 to 0m	Route 344 (between Nine Elms and Albert Embankment)	Southbound	3 to 5m	5 to 10m	-2 to -1m	-1 to 0m	-3 to -2m	0 to 1m		
Route 344 (between Nine Elms and Albert Embankment)	Northbound	5 to 10m	5 to 10m	Route 77 (Wandsworth Rd to Albert Embankment)	Northbound	5 to 10m	5 to 10m	0 to 1m	0 to 1m	Route 77 (Wandsworth Rd to Albert Embankment)	Northbound	5 to 10m	5 to 10m	2 to 3m	2 to 3m	2 to 3m	2 to 3m		
	Southbound	5 to 10m	5 to 10m	Route 77 (Wandsworth Rd to Albert Embankment)	Southbound	5 to 10m	5 to 10m	0 to 1m	-2 to -1m	Route 77 (Wandsworth Rd to Albert Embankment)	Southbound	3 to 5m	3 to 5m	-3 to -2m	-2 to -1m	-3 to -2m	-1 to 0m		
Cycling Average journey times (minutes) (Movements with the highest cyclist flow evaluated)	Oval to Drummond Gate Junction (CS5)	Westbound	5 to 10m	5 to 10m	Oval to Drummond Gate Junction (CS5)	Westbound	5 to 10m	5 to 10m	0 to 1m	0 to 1m	Oval to Drummond Gate Junction (CS5)	Westbound	5 to 10m	5 to 10m	-1 to 0m	-1 to 0m	-1 to 0m	-1 to 0m	
		Eastbound	5 to 10m	5 to 10m	Oval to Drummond Gate Junction (CS5)	Eastbound	5 to 10m	5 to 10m	0 to 1m	0 to 1m	Oval to Drummond Gate Junction (CS5)	Eastbound	5 to 10m	5 to 10m	0 to 1m	0 to 1m	0 to 1m	0 to 1m	
	Nine Elms to Drummond Gate Junction	Westbound	3 to 5m	N/A	Nine Elms to Drummond Gate Junction	Westbound	3 to 5m	N/A	1 to 2m	N/A	Nine Elms to Drummond Gate Junction	Westbound	3 to 5m	N/A	0 to 1m	N/A	-1 to 0m	N/A	
		Southbound	N/A	5 to 10m	Nine Elms to Drummond Gate Junction	Southbound	N/A	5 to 10m	N/A	0 to 1m	N/A	Nine Elms to Drummond Gate Junction	Southbound	N/A	3 to 5m	N/A	-1 to 0m	N/A	-1 to 0m
	Nine Elms to Albert Embankment	Northbound	2 to 3m	N/A	Nine Elms to Albert Embankment	Northbound	2 to 3m	N/A	0 to 1m	N/A	Nine Elms to Albert Embankment	Northbound	1 to 2m	N/A	-1 to 0m	N/A	-1 to 0m	N/A	
		Southbound	N/A	2 to 3m	Nine Elms to Albert Embankment	Southbound	N/A	3 to 5m	N/A	0 to 1m	N/A	Nine Elms to Albert Embankment	Southbound	N/A	1 to 2m	N/A	-1 to 0m	N/A	-2 to -1m
	South Lambeth Road to Drummond Gate Junction	Northbound	3 to 5m	N/A	South Lambeth Road to Drummond Gate Junction	Northbound	5 to 10m	N/A	1 to 2m	N/A	South Lambeth Road to Drummond Gate Junction	Northbound	5 to 10m	N/A	0 to 1m	N/A	-1 to 0m	N/A	
		Southbound	N/A	3 to 5m	South Lambeth Road to Drummond Gate Junction	Southbound	N/A	3 to 5m	N/A	0 to 1m	N/A	South Lambeth Road to Drummond Gate Junction	Southbound	N/A	5 to 10m	N/A	0 to 1m	N/A	0 to 1m
	South Lambeth Road to Albert Embankment	Northbound	3 to 5m	N/A	South Lambeth Road to Albert Embankment	Northbound	3 to 5m	N/A	0 to 1m	N/A	South Lambeth Road to Albert Embankment	Northbound	3 to 5m	N/A	0 to 1m	N/A	-1 to 0m	N/A	
		Southbound	N/A	1 to 2m	South Lambeth Road to Albert Embankment	Southbound	N/A	1 to 2m	N/A	0 to 1m	N/A	South Lambeth Road to Albert Embankment	Southbound	N/A	3 to 5m	N/A	1 to 2m	N/A	1 to 2m
	Wandsworth Road to Albert Embankment	Northbound	2 to 3m	N/A	Wandsworth Road to Albert Embankment	Northbound	3 to 5m	N/A	1 to 2m	N/A	Wandsworth Road to Albert Embankment	Northbound	3 to 5m	N/A	1 to 2m	N/A	0 to 1m	N/A	
		Southbound	N/A	3 to 5m	Wandsworth Road to Albert Embankment	Southbound	N/A	5 to 10m	N/A	2 to 3m	N/A	Wandsworth Road to Albert Embankment	Southbound	N/A	2 to 3m	N/A	-1 to 0m	N/A	-5 to -3m
Wandsworth Road to Drummond Gate Junction	Northbound	3 to 5m	N/A	Wandsworth Road to Drummond Gate Junction	Northbound	5 to 10m	N/A	1 to 2m	N/A	Wandsworth Road to Drummond Gate Junction	Northbound	5 to 10m	N/A	1 to 2m	N/A	-1 to 0m	N/A		
	Southbound	N/A	5 to 10m	Wandsworth Road to Drummond Gate Junction	Southbound	N/A	5 to 10m	N/A	1 to 2m	N/A	Wandsworth Road to Drummond Gate Junction	Southbound	N/A	5 to 10m	N/A	0 to 1m	N/A	-2 to -1m	
Pedestrians Traffic signal cycle times and associated wait times (seconds)	09/88 (Harleyford Rd/Kennington Lane)	Max. cycle time	96	96	09/88 (Harleyford Rd/Kennington Lane)	Max. cycle time	96	96	0	0	09/88 (Harleyford Rd/Kennington Lane)	Max. cycle time	96	96	0	0	0	0	
		Max. wait time	100	101	09/88 (Harleyford Rd/Kennington Lane)	Max. wait time	96	95	-4	-6	09/88 (Harleyford Rd/Kennington Lane)	Max. wait time	99	97	-1	-4	3	2	
		Avg. wait time	53	54	09/88 (Harleyford Rd/Kennington Lane)	Avg. wait time	49	48	-4	-6	09/88 (Harleyford Rd/Kennington Lane)	Avg. wait time	52	50	-1	-4	3	2	
	09/76 (Vauxhall Bridge Road)	Max. cycle time	96	96	09/76 (Vauxhall Bridge Road)	Max. cycle time	96	96	0	0	09/76 (Vauxhall Bridge Road)	Max. cycle time	96	96	0	0	0	0	
		Max. wait time	107	109	09/76 (Vauxhall Bridge Road)	Max. wait time	102	103	-5	-6	09/76 (Vauxhall Bridge Road)	Max. wait time	119	117	12	8	17	14	
		Avg. wait time	59	61	09/76 (Vauxhall Bridge Road)	Avg. wait time	55	56	-4	-5	09/76 (Vauxhall Bridge Road)	Avg. wait time	72	71	13	10	17	15	
	09/90 (South Lambeth Road)	Max. cycle time	96	96	09/90 (South Lambeth Road)	Max. cycle time	96	96	0	0	09/90 (South Lambeth Road)	Max. cycle time	96	96	0	0	0	0	
		Max. wait time	99	121	09/90 (South Lambeth Road)	Max. wait time	97	105	-2	-16	09/90 (South Lambeth Road)	Max. wait time	100	97	1	-24	3	-8	
		Avg. wait time	52	74	09/90 (South Lambeth Road)	Avg. wait time	52	58	0	-16	09/90 (South Lambeth Road)	Avg. wait time	56	52	4	-22	4	-6	
	09/86 (Wandsworth Rd/Nine Elms)	Max. cycle time	96	96	09/86 (Wandsworth Rd/Nine Elms)	Max. cycle time	96	96	0	0	09/86 (Wandsworth Rd/Nine Elms)	Max. cycle time	96	96	0	0	0	0	
		Max. wait time	111	120	09/86 (Wandsworth Rd/Nine Elms)	Max. wait time	112	114	1	-6	09/86 (