

West of England Rapid Transit
Ashton Vale to Temple Meads and Bristol City Centre
Capital Cost Estimate Details

Q3 2008 Prices, Excluding Risk Contingencies

Works Cost: Preferred Scheme	£s			
	Segregated Corridor	City Centre	Scheme-Wide	TOTAL
Estimate Base: Q3 2008				
Series 100: Traffic Management	1,117,018	2,100,161	-	3,217,180
Series 200: Site Clearance	339,085	256,525	-	595,610
Series 300: Fencing	382,219		-	382,219
Series 500: Drainage	516,029	238,406	-	754,435
Series 600: Earthworks	3,040,765	351,189	-	3,391,954
Series 700: Pavements	3,215,047	581,656	-	3,796,703
Series 1100: Kerbing and Footways	-	289,278	-	289,278
Series 1200: Traffic Signs and Road Markings	69,677	1,373,544	-	1,443,221
Series 1300: Street Lighting & Electrical Works	-	206,444	-	206,444
Series 1700: Structures	6,852,391	-	-	6,852,391
Series 2400 : Brickwork, Blockwork & Stone Work	-	66,825	-	66,825
Series 2700: Statutory Undertakers	100,000	1,587,500	-	1,687,500
Rogues	2,239,900	1,536,563	-	3,776,463
ITS Costs	-	-	1,750,388	1,750,388
ENGINEERING ESTIMATES	17,872,132	8,588,091	1,750,388	28,210,610
Land	-	-	1,684,900	1,684,900
Environment	804,000	1,049,094		1,853,094
TOTAL WORKS ESTIMATES	18,676,133	9,637,185	3,537,944	31,748,604

BY ROUTE SEGMENT
Segregated Corridor (Q3, 2008 Prices)

Element	Section A: Park & Ride to Freight Line Crossing		Section B: Freight Line Crossing to Ashton Avenue Bridge			Section C: Ashton Avenue Bridge to Cumberland Road Underpass			Section D: Cumberland Road Underpass to Wapping Road		Total
	Sub-Section A	Sub-Section B	Sub-Section C	Sub-Section D	Sub-Section E	Sub-Section F	Sub-Section G	Sub-Section H	Sub-Section I	Sub-Section J	
Series 100: Traffic Management	0.080	0.086	0.588	0.036	0.105	0.054	0.069	0.027	0.034	0.037	1.117
Series 200: Site Clearance	0.022	0.018	0.014	0.008	0.025	0.152	0.063	0.016	0.006	0.015	0.339
Series 300: Fencing	0.052	0.084	0.092	0.002	-	0.039	0.113	-	-	-	0.382
Series 500: Drainage	0.070	0.071	0.040	0.033	0.093	0.032	0.100	0.024	-	0.053	0.516
Series 600: Earthworks	0.112	0.094	0.279	0.038	1.125	0.470	0.012	0.041	0.194	0.674	3.041
Series 700: Pavements	0.398	0.434	0.106	0.144	0.489	0.297	0.698	0.184	0.152	0.313	3.215
Series 1200: Traffic Signs and Road Markings	0.003	0.002	0.000	0.003	0.001	0.005	0.042	0.004	0.003	0.006	0.070
Series 1700: Structures	0.053	0.053	3.498	-	-	1.912	0.209	0.067	-	1.060	6.852
Series 2700: Statutory Undertakers	-	-	-	-	-	-	-	-	-	-	0.100
Rogues	0.555	0.156	0.100	0.446	0.145	0.109	0.349	0.039	0.064	0.277	2.240
ENGINEERING ESTIMATES	1.347	1.000	4.717	0.710	1.982	3.070	1.655	0.402	0.454	2.436	17.872
Environment	-	-	-	-	-	-	-	-	-	-	0.804
TOTAL WORKS ESTIMATE	1.347	1.000	4.717	0.710	1.982	3.070	1.655	0.402	0.454	2.436	18.676

City Centre (Q3, 2008 Prices)

Element / Section	Redcliff Hill	Portwall Lane / Temple Street	Victoria Street – Temple Way	Penn Street, Horsefair & Union Street	Colston Avenue – Rupert Street – Broad Quay	Lower Broad Quay	Prince Street	Temple Way	Grove Road	Total
Series 100: Traffic Management	0.004	0.011	1.479	0.025	0.138	0.002	0.054	0.288	0.099	2.100
Series 200: Site Clearance	-	-	0.070	0.013	0.045	-	0.009	0.093	0.026	0.257
Series 500: Drainage	-	-	0.149	-	0.011	-	0.009	0.058	0.012	0.238
Series 600: Earthworks	-	-	0.292	-	0.008	-	0.004	0.045	0.002	0.351
Series 700: Pavements	-	-	0.481	-	0.008	-	0.001	0.088	0.003	0.582
Series 1100: Kerbing and Footways	-	-	0.141	-	0.040	-	0.008	0.073	0.027	0.289
Series 1200: Traffic Signs and Road Markings	0.010	0.031	0.592	0.058	0.198	0.005	0.124	0.195	0.160	1.374
Series 1300: Street Lighting and Electrical Works	-	-	0.127	-	0.022	-	-	0.030	0.028	0.206
Series 2400 : Brickwork, Blockwork and Stone Work	-	-	0.067	-	-	-	-	-	-	0.067
Series 2700: Statutory Undertakers	-	-	1.375	-	0.063	-	-	0.125	0.025	1.588
Rogues	0.002	0.005	0.685	0.011	0.064	0.001	0.025	0.133	0.046	0.972
Rogues (Bus Stops)	-	-	-	-	-	-	-	-	-	0.564
ENGINEERING ESTIMATES	0.016	0.048	5.457	0.107	0.596	0.008	0.235	1.129	0.429	8.588
Environment	-	-	-	-	-	-	-	-	-	1.049
TOTAL WORKS ESTIMATE	0.016	0.048	5.457	0.107	0.596	0.008	0.235	1.129	0.429	9.637