

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
<b>ENGINEERING ESTIMATES</b>	<b>17,872,132</b>	<b>8,588,091</b>	<b>1,750,388</b>	<b>28,210,610</b>
Land	-	-	1,684,900	1,684,900
Environment	804,000	1,049,094		1,853,094
<b>TOTAL WORKS ESTIMATES</b>	<b>18,676,133</b>	<b>9,637,185</b>	<b>3,537,944</b>	<b>31,748,604</b>

**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
<b>ENGINEERING ESTIMATES</b>	<b>1.347</b>	<b>1.000</b>	<b>4.717</b>	<b>0.710</b>	<b>1.982</b>	<b>3.070</b>	<b>1.655</b>	<b>0.402</b>	<b>0.454</b>	<b>2.436</b>	<b>17.872</b>
Environment	-	-	-	-	-	-	-	-	-	-	0.804
<b>TOTAL WORKS ESTIMATE</b>	<b>1.347</b>	<b>1.000</b>	<b>4.717</b>	<b>0.710</b>	<b>1.982</b>	<b>3.070</b>	<b>1.655</b>	<b>0.402</b>	<b>0.454</b>	<b>2.436</b>	<b>18.676</b>

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
<b>ENGINEERING ESTIMATES</b>	<b>0.016</b>	<b>0.048</b>	<b>5.457</b>	<b>0.107</b>	<b>0.596</b>	<b>0.008</b>	<b>0.235</b>	<b>1.129</b>	<b>0.429</b>	<b>8.588</b>
Environment	-	-	-	-	-	-	-	-	-	1.049
<b>TOTAL WORKS ESTIMATE</b>	<b>0.016</b>	<b>0.048</b>	<b>5.457</b>	<b>0.107</b>	<b>0.596</b>	<b>0.008</b>	<b>0.235</b>	<b>1.129</b>	<b>0.429</b>	<b>9.637</b>