

	A	B	C	D	E
1		<b>AFC</b>	<b>Budget</b>		
2	<b>Infraco</b>				
3	off street	362.5	360.1	2.4	Budget: £360.5M based on FP omission -£2.44M
4	on street	47.4	38.8	8.6	Budget: £45.8M less £7.0M V.E.
5	maintenance mobilisation	2.3	2.3	0.0	Also included in PM costs?
6	initial spare parts	1.0	1.0	0.0	Also included in PM costs?
7	<b>Contract Sum</b>	<b>413.2</b>	<b>402.2</b>	<b>11.0</b>	
8	approved changes	0.3	0.3	0.0	Design mitigation for utilities (slit trenches, utility mapping) design changes included in budget risk allowance
9	<b>Contract Commitment</b>	<b>413.5</b>	<b>402.5</b>	<b>11.0</b>	
10					
11	<b>Utilities (On-street &amp; LW Legacy)</b>				
12	Haymarket 1	1.1	1.8	-0.7	Change request drawdown to authorise
13					
14	<b>Tram Vehicles</b>				
15	CAF	62.4	62.4	0.0	
16					
17	<b>Current Commitment</b>	<b>476.9</b>	<b>466.7</b>	<b>10.3</b>	
18					
19	<b>Budget</b>	<b>496.9</b>	<b>496.9</b>		
20					
21	Variance	20.0	30.3		
22					
23	<b>Opportunities:</b>				
24	omit Infraco works at Forth Ports	2.4			
25	omit maintenance mobilisation	2.3			
26	omit initial spare parts	1.0			
27	contribution RBS Tram Stop	0.4			
28	contribution from Urban Realm	2.1			£0.1M design, £1.9M South St Andrews Sq
29	balance of £7M V.E. target for On-street	4.6			
30		<b>12.8</b>			
31					
32					
33	Risk allowance	32.8			
34					
35	<b>Anticipated commitments</b>				
36	balance of design items in Schedule E	1.7			included in budget risk allowances e.g. York Place turning point, Cathedral Lane sub-station
37	utility bridging at St Andrews Sq	0.5			to be confirmed
38	utility diversions Haymarket 2 - York Place	7.5			based on conflicts shchedule
39	utility remedials at Leith Walk	1.1			
40		<b>10.8</b>			
41					
42	<b>Risks and potential changes</b>				
43	failure to secure full value Forth Ports reduction	1.2			
44	utility conflicts: traffic signs, residual risk	4.3			note: these conflicts can be mitigated, risk needed for Scottish Water staff and design costs
45		<b>5.5</b>			
46					
47	<b>Opportunities</b>				
48	balance of £8M taken from On-street	-1.4			

	A	B	C	D	E
49					
50	<b>Anticipated Final Cost</b>	<b>511.9</b>			No contingency drawdown

	A	B	C	D	E
1	<b>Edinburgh Trams: Cost Report Reconciliation</b>				<b>Confidential - Legally Privileged and FOI(S)A Exempt</b>
2	<b>28 October 2011</b>				
3		<b>AFC</b>	<b>Budget</b>	<b>Variance</b>	
4	<b>Infraco</b>				
5	off street	362.5	360.1	2.4	Budget: £360.5M based on FP omission -£2.44M
6	on street	47.4	38.8	8.6	Budget: £45.8M less £7.0M V.E.
7	maintenance mobilisation	2.3		2.3	Also included in PM costs?
8	initial spare parts	1.0		1.0	Also included in PM costs?
9	<b>Contract Sum</b>	<b>413.2</b>	<b>398.9</b>	<b>14.3</b>	
10	approved changes	0.3		0.3	Design mitigation for utilities (slit trenches, utility mapping) design changes included in budget risk allowance
11	<b>Contract Commitment</b>	<b>413.5</b>	<b>398.9</b>	<b>14.6</b>	
12					
13	<b>Utilities (On-street &amp; LW Legacy)</b>				
14	Haymarket 1	1.1	1.8	-0.7	Change request drawdown to authorise
15					
16	<b>Tram Vehicles</b>				
17	CAF	62.4	62.4	0.0	
18					
19	<b>Current Commitment</b>	<b>476.9</b>	<b>463.1</b>	<b>13.9</b>	
20					
21	<b>Reconciliation:</b>				
22	omit Infraco works at Forth Ports			2.4	change order to be issued
23	maintenance mobilisation			2.3	transfer fund from PM budget, operational readiness
24	initial spare parts			1.0	transfer fund from PM budget, operational readiness
25	approved changes			0.3	risk allowance included in budget contingency; change authorisation to be signed off
26	contribution RBS Tram Stop			0.4	costs agreed with RBS agent
27	contribution from Urban Realm			2.1	£0.1M design, £2M South St Andrews Sq
28	balance of £8.6M V.E. less RBS Stop & Urban Realm			6.1	£6.1M to secure
29	under-run utilities budget less Haymarket 1			-0.7	remaining On-street utilities
30				<b>13.9</b>	
31					
32	<b>Anticipated commitments</b>				
33	balance of design items in Schedule E	1.7			included in budget risk allowances e.g. York Place turning point, Cathedral Lane sub-station
34	utility bridging at St Andrews Sq	0.5			technical solution to be confirmed
35	utility diversions Haymarket 2 - York Place	7.5			£5M included in risk allowance; work around opportunities being established but may be impact on Infraco e.g. mini-piles under OLE bases
36	utility remedials at Leith Walk	1.1			scope finalised, tenders to be issued
37		<b>10.8</b>			
38					
39	<b>Risks and potential changes</b>				
40	failure to secure full value Forth Ports reduction	1.2			correspondence to be confirmed to secure full value, funding for finalisation works to be confirmed
41	utility conflicts: traffic signs, residual risk	4.3			note: these conflicts can be mitigated, risk needed for Scottish Water staff and design costs
42		<b>5.5</b>			
43					
44	<b>Risk allowance</b>	<b>32.7</b>			Note: Infraco, Utilities and Tram Vehicles Risk allowances only

	A	B	C	D	E
1	<b>Edinburgh Trams: Budget Forecast</b>				<b>Confidential - Legally Privileged and FOI(S)A Exempt</b>
2	<b>As at 3 November 2011</b>				
3		<b>Budget as at 2 September 2011</b>	<b>Forecast</b>	<b>Variance</b>	
4	<b>Infraco</b>				
5	off street	360.1	362.5	2.4	Budget: £360.5M based on omission works at Forth Ports (-£2.44M)
6	on street	38.8	47.4	8.6	Budget: based on £45.8M which was an initial price from Infraco less £7.0M V.E. for additional capping layers and Infraco adjustments
7	maintenance mobilisation		2.3	2.3	See below, funds to be transferred from the Operational Readiness elements of the Project Management budget
8	initial spare parts		1.0	1.0	See below, funds to be transferred from the Operational Readiness elements of the Project Management budget
9	<b>Total Infraco</b>	<b>398.9</b>	<b>413.2</b>	<b>14.3</b>	
10					
11	<b>Utilities (On-street &amp; LW Legacy)</b>				
12	Haymarket 1	1.8	1.1	(0.7)	Change request needed for future sections. Estimate for further sections being developed based upon work around solutions
13	utility remedials at Leith Walk	1.1	1.1	-	Scope finalised, tenders to be issued
14	<b>Total Utilities</b>	<b>2.9</b>	<b>2.2</b>	<b>(0.7)</b>	
15					
16	<b>Tram Vehicles</b>				
17	<b>CAF</b>	<b>62.4</b>	<b>62.4</b>	<b>-</b>	
18					
19	<b>Total Contract Commitments - Infrastructure, Utilities and Vehicles</b>	<b>464.2</b>	<b>477.8</b>	<b>13.6</b>	
20					
21	<b>VE and Third Party Contributions</b>				
22	Forth Ports de-scoping		(2.4)	(2.4)	
23	contribution RBS Tram Stop		(0.4)	(0.4)	CEC will be credited for actual cost, likely to be in excess of £400k estimate.
24	Value Engineering Options		(7.0)	(7.0)	
25	Budget Transfer for Maintenance Mobilisation	2.3		(2.3)	Included in Project Management Line in 2 September Budget of £248.5m spend £20.5m to go.
26	Budget Transfer for Spare Parts	1.0		(1.0)	
27		<b>3.3</b>	<b>(9.8)</b>	<b>(13.1)</b>	
28					
29	<b>Total Infrastructure, Utilities and Vehicles</b>	<b>467.5</b>	<b>467.9</b>	<b>0.4</b>	
30					
31					
32	approved changes		0.3	0.3	Design mitigation for utilities (slit trenches, utility mapping) provision was made in the budget risk allowance
33					
34	<b>Total Infrastructure, Utilities and Vehicles - post change</b>	<b>467.5</b>	<b>468.2</b>	<b>0.7</b>	
35					
36	<b>Other Project Management Costs</b>				
37	SDS	28.7	28.7	-	
38	Phase 1b payment to BSC	3.2	3.2	-	
39	Utilities/ Other Infrastructure	100.6	100.6	-	
40	Project Costs	98.3	98.3	-	
41	Other Costs/ Inc Land	34.3	34.3	-	
42	CAAD - CALA	1.3	1.3	-	
43	CAAD - Tesco	0.1	0.1	-	
44	Network Rail - APA	1.7	1.7	-	
45	Network Rail - Bridge & Operating Agreements	0.1	0.1	-	
46	Edinburgh Airport Ltd	0.8	0.8	-	
47	New Ingliston Ltd	0.8	0.8	-	
48	Forth ports	1.0	1.0	-	
49	Legal	1.3	1.3	-	
50	Traffic Modelling Costs	0.1	0.1	-	
51	Comms and Marketing	1.1	1.1	-	
52	Reinstatement of Public Art	0.3	0.3	-	
53	Materials Storage Cost	1.2	1.2	-	
54		<b>275.0</b>	<b>275.0</b>	<b>-</b>	
55					
56	<b>Total Base Cost</b>	<b>742.46</b>	<b>743.17</b>	<b>0.7</b>	
57					
58					
59					
60		<b>Budget as at 2 September 2011</b>	<b>Current Balance</b>	<b>Drawdown to Date</b>	
61	<b>Risk Allowance</b>	34.5	34.2	(0.3)	Design mitigation for utilities (slit trenches, utility mapping) provision was made in the budget risk allowance
62					
63	<b>Total Budget/Forecast</b>	<b>777.0</b>	<b>777.4</b>	<b>0.4</b>	
64					

	A	B	C	D	E
65					
66	<b>Potential Future Changes and Risks</b>				
67	balance of design items in Schedule E		1.7		
68	utility bridging at St Andrews Sq		0.5		
69	utility diversions Haymarket 2 - York Place		7.5		
70	utility conflicts: traffic signs, residual risk		4.3		
71			<b>14.0</b>		

	A	B	C	D
1	Edinburgh Tram Project			
2				
3	Risk Budget			
4				
5	Budget Owner: Acoyle			
6				
7	<b>Off Street Works</b>			<b>Risk Owner</b>
8				
9	<b>Risks</b>			
10	R041	Approval of plans for Gogar interchange	£ 350,000.00	Julian Weatherley
11	FG Risk35	Retaining wall (treatment of unstable wall or special construction measures)	£ 100,000.00	Julian Weatherley
12	FG Risk 36	Edinburgh Gateway - Power Cable	£ 400,000.00	Julian Weatherley
13	FG Risk 49	Blockades and possessions not included in Lump sum	£ 250,000.00	Julian Weatherley
14				
15	<b>On Street Works</b>			
16				
17	<b>Risks</b>			
18	Pricing Assumptions			
19		6.4.2.1 Floating Track Slab	£ 597,000.00	Julian Weatherley
20		6.4.2.3 York Place Terminal Point	£ 1,000,000.00	Julian Weatherley
21		6.4.2.4 Cathedral Lane Substation	£ 1,000,000.00	Julian Weatherley
22		6.4.2.6 Dublin Street	£ 75,000.00	Julian Weatherley
23		6.4.2.7 Cycleway at Mound	£ 100,000.00	Julian Weatherley
24		6.4.2.8 St Andrews Square		
25				
26	R049	Additional land required to allow construction	£ 150,000.00	Alastair Sim
27	FG Risk 15	Multiple road closures proposed / agreed may not work with traffic despite being acceptable in principle (via the model results)	£ 200,000.00	Bob McCafferty
28	FG Risk 17	OLE may not work - design costs to determine a solution and the consequential costs (Design, Construction, Quant's and delay)	£ 1,000,000.00	Julian Weatherley

	A	B	C	D
29				
30	<b>Utilities</b>			
31				
32	<b>Risks</b>			
33	FG Risk 1	Utilities Risk - Utility diversions, clashes, design solutions, delay, construction	£ 1,800,000.00	Stephen Lewcock
34	FG Risk 29	Drainage connections (20% of above FG Risk 28)	£ 200,000.00	Stephen Lewcock
35	FG Risk 31	Road level lowering and utility issues as a result	£ 3,000,000.00	Stephen Lewcock
36				
37	<b>Project Management</b>			
38				
39	<b>Risks</b>			
40				
41	Event Delay Risk		£ 1,600,000.00	Bob McCafferty
42	FG Risk 11	Compensation budget - Extension to programme may incur additional compensation	£ 160,000.00	Bob McCafferty
43				
44	<b>Discrete Risks</b>			
45				
46	<b>Risks</b>			
47	<b>Settlement Agreement</b>			
48				
49		21 day notification - Major Risk - contract move to cost reimbursable	£ 3,300,000.00	Julian Weatherley
50				
51	<b>Pricing Assumptions</b>			
52	FG Risk 40j	6.4.7 - Routine maintenance	£ 500,000.00	Bob McCafferty
53	FG Risk 40k	6.4.8 - Relaxation of time constraints	£ 300,000.00	Bob McCafferty
54	FG Risk 40n	6.4.10 - Archaeological Finds	£ 250,000.00	Bob McCafferty
55	FG Risk 40s	6.2.22 - Material Free Issue	£ 250,000.00	Alastair Richards
56				

	A	B	C	D
57	<b>Other Risks</b>			
58	R011	Failure of Contractors / Sub-Contractors to self-certify completion, close out of NCRs and deliver construction quality	£ 40,000.00	Julian Weatherley
59	R018	Security Incident	£ 50,000.00	Julian Weatherley
60	R020	Exceptional adverse weather	£ 300,000.00	Julian Weatherley
61	FG Risk 12	OVERALL time delay impact (assessment of cumulative effect of identified risks on this register)	£ 11,610,000.00	Julian Weatherley
62				
63	General Design Risk		£ 5,925,000.00	Julian Weatherley
64				
65	Total Risk Budget		£ 34,507,000.00	
66				
67	Changes to Date	Design mitigation for utilities (slit trenches, utility mapping) provision was made in the budget risk allowance	£ 300,000.00	
68				
69	<b>Revised Risk Balance</b>		<b>34,207,000.00</b>	



	A	B	C	D	E
1	<b>Edinburgh Trams: Budget Forecast</b>				<b>Confidential - Legally Privileged and FOI(S)A Exempt</b>
2	<b>As at 3 November 2011</b>				
3		<b>Budget as at 2 September 2011</b>	<b>Forecast</b>	<b>Variance</b>	
4	<b>Infraco</b>				
5	off street	360.1	360.1	-	Forecast Net of Forth Ports De-scoping
6	on street	38.8	40.4	1.6	Forecast net of V/E target
7	<b>Total Infraco</b>	<b>398.9</b>	<b>400.5</b>	<b>1.6</b>	
8					
9	<b>Utilities (On-street &amp; LW Legacy)</b>				
10	Haymarket 1	1.8	1.1	(0.7)	Change request needed for future sections
11	utility remedials at Leith Walk	1.1	1.1	-	Scope finalised, tenders to be issued
12	<b>approved changes</b>	<b>0.3</b>	<b>0.3</b>	<b>-</b>	<b>Design mitigation for utilities (slit trenches, utility mapping)</b>
13	<b>Total Utilities</b>	<b>3.2</b>	<b>2.5</b>	<b>(0.7)</b>	
14					
15	<b>CAF</b>	<b>62.4</b>	<b>62.4</b>	<b>-</b>	
16					
17	<b>Total Contract Commitments - Infrastructure, Utilities and Vehicles</b>	<b>464.5</b>	<b>465.3</b>	<b>0.8</b>	
18					
19	contribution RBS Tram Stop		(0.4)	(0.4)	
20		-	(0.4)	(0.4)	
21					
22	<b>Total Infrastructure, Utilities and Vehicles</b>	<b>464.5</b>	<b>464.9</b>	<b>0.4</b>	
23					
24	<b>Other Project Management Costs</b>	278.0	278.2	0.3	
25					
26	<b>Total Base Cost</b>	<b>742.5</b>	<b>743.2</b>	<b>0.7</b>	
27					
28	<b>Risk</b>	34.5			
29	<b>less change</b>	(0.3)			
30	<b>Balance of Risk</b>	<b>34.2</b>			