

Bilfinger Berger – Siemens – CAF Consortium

## 7 COMMERCIAL

### 7.1 Milestones

Preliminary Milestones Achieved in the Period:

Month 20 Preliminaries (BB)  
Month 20 Preliminaries (S)

#### Construction Milestones Achieved in the Period

No Construction milestones achieved in the period

#### Milestones Programmed but not Achieved

Regular discussions take place now between *tie* and BSC on the subject of Milestones and the Milestones Programmed but not achieved are recorded elsewhere.

### 7.2 CHANGE MANAGEMENT

#### 7.2.1 The BSC Change Register is presented in Appendix 10.7.

501 Changes have been notified to 23 October 2009 - 66 by *tie* and 435 by Infraco.

53 of these Changes have been superseded by further Changes or withdrawn therefore there are 448 current Changes.

Of the 448 notified Changes, 216 have been accepted in principle, 49 have been rejected and 183 have neither been accepted nor rejected by *tie*,

65 of these Changes have a delay only impact and will not require an Estimate (the impact of these is reflected in the various entitlement programmes submitted to *tie*) therefore there are 383 Changes requiring Estimates.

Infraco has submitted to *tie* Estimates for 261 Changes for design only or for design and construction works.

The total Consortium value of the submitted Estimates is £71,775,000 including £12,714,000 for non-scope work on Bernard Street and St Andrew Square.

105 of the 261 submitted Estimates have been partly agreed by issue of a *tie* Change Order (application of preliminary percentages requires to be amended as a result of agreement on the percentage addition for preliminaries – *tie* have responded to BSC letter in this regard and is under review). A total of 32 submitted Estimates have not been accepted in principle by *tie*. The value of Change Orders issued by *tie* is £7,561,000.

**Bilfinger Berger – Siemens – CAF Consortium**

There are 122 remaining notified Changes for which Estimates are required. In addition, a further 35 construction Estimates need to be prepared for Changes for which a design only Estimate has been submitted to date.

It is not possible to prepare 86 of the Estimates until an SDS design Estimate is received, validated by BSC and approved by *tie*, and a revised design is obtained from the SDS Provider.

There are 26 Estimates proceeding through the internal Consortium Approvals Process.

Prioritisation of the remaining Estimates is aligned with the latest intended construction sequence.

A graphical pie chart is presented in Appendix 10.7.

Included in *tie's* Change Order Pro-forma; "Relief required from compliance with Infraco obligations under the contract", "Programme impact and required Extension of Time", "Impact on Performance" remain unresolved for a number of the Changes.

The main reasons for not issuing Change Orders are: Change not agreed in principle, Estimates not yet submitted, figures in estimates not agreed, Base Date Design Information not agreed.

Recently, *tie* has responded to a number of submitted Estimates asserting that the identified Change is normal development and completion of design. BSC generally rejects this assertion.

The complexity, nature and amount of changes have overloaded the change mechanism included in the Infraco contract, because the Estimates cannot be submitted within the time frame requested in the contract and also due to the fact that the overall impact to the Programme from a given change cannot be assessed on an individual basis. It has been agreed between *tie* and BSC that the estimates submitted by BSC will only deal with direct related effects (costs) of each Change. Time related effect will be assessed separately.

Seven issues have been referred to DRP:

- Financial aspects to EOT 1 – mediation in progress.
- Hilton Hotel Car Park – adjudication decision published.
- Carrick Knowe Bridge – adjudication in progress.
- Gogarburn Bridge – adjudication in progress.
- Russell Road Retaining Wall 4 – adjudicator to be appointed.
- MUDFA Programme revision 8 – mediation proposed.
- Haymarket Viaduct – initial referral to DRP issued.

BSC is committed to working through the Dispute Resolution Procedure to find resolution to the issues which have been referred to DRP.

### **Bilfinger Berger – Siemens – CAF Consortium**

BSC have requested that tie and BSC jointly appoint a Tram Inspector which has not been appointed in line with the Infraco Contract and BSC have proposed companies to tie for consideration.

## **8 RESOURCES**

### **8.1 Organisation Charts**

Consortium and Systems organisation charts are included in this report.

See Appendix 10.8.

## **9 OTHER ISSUES**

No comments.

## **10 Appendices**

### **10.1 KPI Report & Schedule 40**

# Contractor Period H.S. & E. Return



To be completed and returned to tie Ltd (Pauline Goldie [Pauline.goldie@tie.ltd.uk](mailto:Pauline.goldie@tie.ltd.uk)) by the Thursday of week 1 for each period (a period is 4 weeks, for dates of start and finish please contact Pauline)

### RETURN DATA

Contractor –

Date completed –

Year –

Period –

### PEOPLE DATA

Average number of direct employees on ETP –

Hours worked of direct employees on ETP –

Average number of subcontract / others inc visitors on ETP –

Hours worked of subcontract / others inc visitors on ETP –

Number of work sites –

### INCIDENT DATA (leave blank if none)

	DIRECT	SUBCON	M.O.P.
Fatal	<input type="text"/>	<input type="text"/>	<input type="text"/>
Major	<input type="text"/>	<input type="text"/>	<input type="text"/>
Over 3 day	<input type="text"/>	<input type="text"/>	<input type="text"/>
Dangerous Occurrence	<input type="text"/>	<input type="text"/>	<input type="text"/>
Reportable Disease	<input type="text"/>	<input type="text"/>	<input type="text"/>
Injury – Non RIDDOR	<input type="text"/>	2	<input type="text"/>
Near Miss/ Unsafe Condition	<input type="text"/>	8	<input type="text"/>
Service Damage	<input type="text"/>	7	<input type="text"/>
RTA (in and around ETP)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Positive intervention (if measured)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Environmental Incident	<input type="text"/>	2	<input type="text"/>

### ENFORCEMENT NOTICE / VISIT DATA

	NOTICE	VISIT
H.S.E Enforcement	<input type="text"/>	<input type="text"/>
SEPA	<input type="text"/>	<input type="text"/>
Local Authority	<input type="text"/>	<input type="text"/>
Other	<input type="text"/>	<input type="text"/>

### CONTRACTOR AUDIT / INSPECTION DATA

	PLANNED	ACTUAL
Inspections	<input type="text" value="16"/>	<input type="text" value="22"/>
Audits	<input type="text" value="0"/>	<input type="text" value="0"/>

Please supply supporting data for all RIDDORs, Service Damages and ENF visits if not previously submitted – Rev0

**SCHEDULE PART 40**  
**ENVIRONMENTAL AND HEALTH AND SAFETY**  
**KEY PERFORMANCE INDICATORS**

Key Performance Indicator	
work done to date	10/10/2009
Period (tie)	7
Application No	0910/04/0021

Key Performance Indicator	Target	Achieved
Enforcement Notices	Zero	Zero
Fatalities	Zero	Zero
RIDDOR Accidents Accident Frequency Rate:	0.25 for 2008/2009	0
	0.25 for 2009/2010	0.00 rolling 0.12
	0.24 for 2010/2011	-
Incidents (Health, Safety and Environmental)	Initial notification to tie within 24 hours. Submission of formal investigation reports by agreed date.	Achieved
Incident Report Recommendations	Closed as per agreed dates (none overdue)	Achieved
Infraco Audits Planned v. Actual	90% of plan	Achieved
Infraco Site Inspections Planned v. Actual	90% of plan	Achieved
Non-conformances (raised by tie)	Closed as per agreed dates (none overdue)	None Overdue
tie Audit Findings (Major and Minor)	Closed as per agreed dates (none overdue)	Achieved
Code of Construction Practice	Zero unauthorised breaches	Not Achieved

## **10.2 Programme Update**



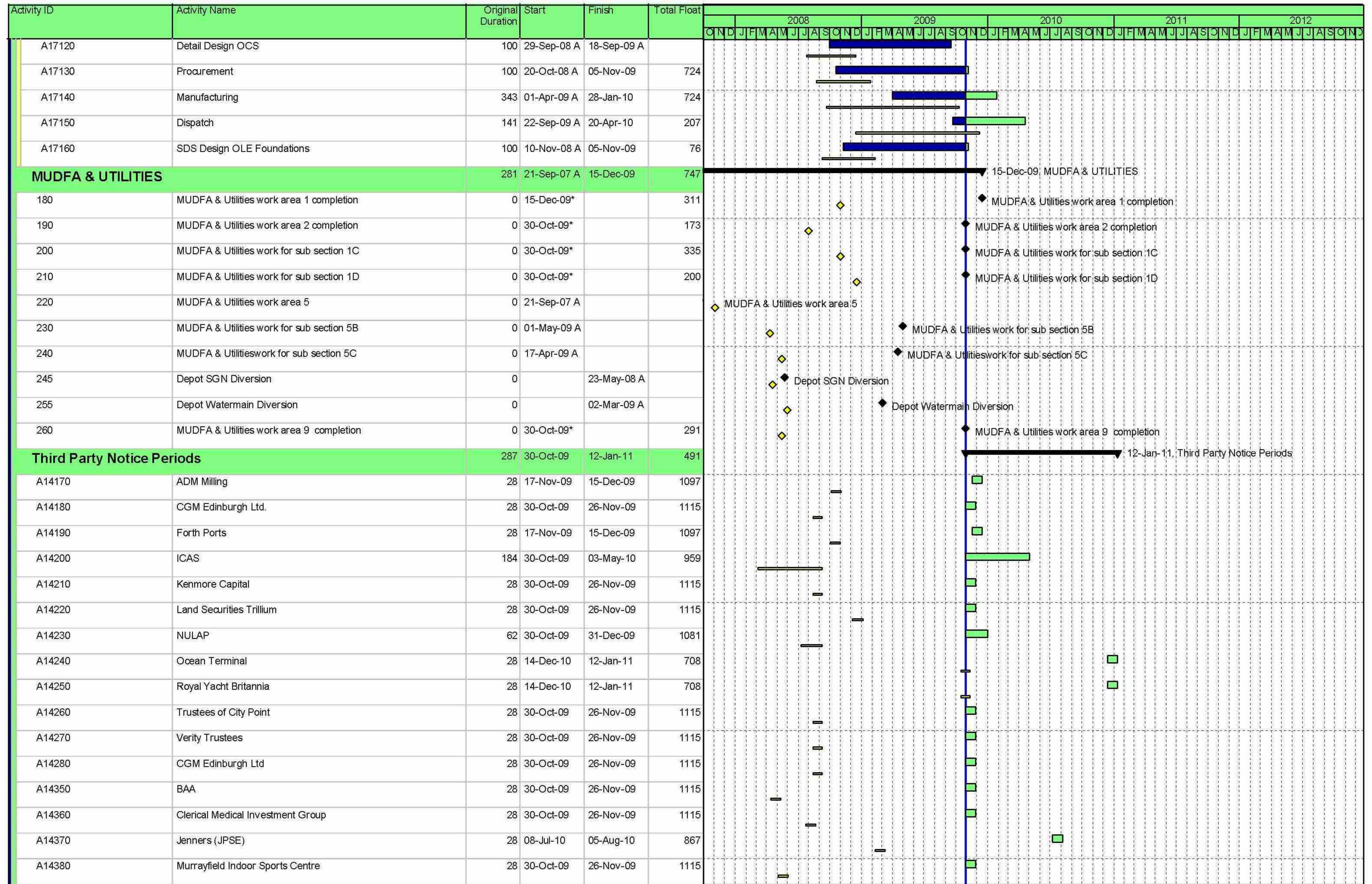
Date	Revision	Checked	Approved
23-Oct-09		SCS	

— Rev 1 Baseline   
 ■ Remaining Work   
 ◆ Rev 1 Baseline Milestone   
 ◆ Milestone   
 → Summary   
 ■ Change  
■ Actual Work   
 ■ Critical Remaining Work

CEC00775849\_0060







Date 23-Oct-09	Revision	Checked SCS	Approved	Page 3 of 59	Rev 1 Baseline Actual Work Remaining Work Critical Remaining Work	Rev 1 Baseline Milestone Milestone	Summary Change
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CEC00775849\_0062







Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2008												2009												2010												2011												2012																				
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
<b>Ch 600-700</b>		36	18-Feb-10	09-Apr-10	238	09-Apr-10, Ch 600-700																																																																				
1A-24E-TRCK-69	Set Track Demob 2A /Remob 1A	3	11-Mar-10	15-Mar-10	37																																																																					
1A-24E-TRCK-70	Set Track (100m)	8	16-Mar-10	25-Mar-10	37																																																																					
A15650	Establish Traffic Management & Temp. Fencing	2	18-Feb-10	22-Feb-10	241																																																																					
A15660	Excavate box	4	22-Feb-10	26-Feb-10	241																																																																					
A15670	Excavate, lay and concrete ducts	6	26-Feb-10	08-Mar-10	241																																																																					
A15680	Excavate and construct OLE bases	6	08-Mar-10	16-Mar-10	241																																																																					
A15700	Place upper concrete and cure	8	19-Mar-10	30-Mar-10	238																																																																					
A15710	Street Surface finishes	6	31-Mar-10	08-Apr-10	238																																																																					
A15720	Remove fencing and Traffic Management	1	09-Apr-10	09-Apr-10	238																																																																					
<b>Ch 700-850</b>		46	02-Jun-11	05-Aug-11	91	05-Aug-11, Ch 700-850																																																																				
1A-24F-TRCK-69	Set Track Demob 1B / Remob 1A	3	05-Jul-11	07-Jul-11	45																																																																					
1A-24F-TRCK-70	Set Track (150m)	10	08-Jul-11	21-Jul-11	45																																																																					
A15570	Establish Traffic Management & Temp. Fencing	2	02-Jun-11	06-Jun-11	94																																																																					
A15580	Excavate box	6	06-Jun-11	14-Jun-11	94																																																																					
A15590	Excavate, lay and concrete ducts	9	14-Jun-11	27-Jun-11	94																																																																					
A15600	Excavate and construct OLE bases	9	27-Jun-11	08-Jul-11	94																																																																					
A15620	Place upper concrete and cure	10	13-Jul-11	26-Jul-11	91																																																																					
A15630	Street Surface finishes	6	27-Jul-11	04-Aug-11	91																																																																					
A15640	Remove fencing and Traffic Management	1	05-Aug-11	05-Aug-11	91																																																																					
<b>Newhaven Road Tramstop</b>		728	16-Feb-09 A	08-Feb-12	226	08-Feb-12, Newhaven																																																																				
11990	Issue Construction Drawings	0		16-Feb-09 A		Issue Construction Drawings																																																																				
8	Civil and Building Works	65	18-Aug-11	16-Nov-11	106																																																																					
98	Order REC Supply	0	13-Sep-11		321	Order REC Supply																																																																				
A1680	Deliver and Install Shelter	10	25-Oct-11	08-Nov-11	98																																																																					
A4288	Access for visual inspection for E&M Tram Stop installation (01A Newhaven Road)	0	07-Oct-11		302	Access for visual inspection for E&M Tram Stop installation																																																																				
A4289	Access for E&M Tram Stop installation (01A Newhaven Road)	0	08-Nov-11		98	Access for E&M Tram Stop installation																																																																				
A4290	Install LV Power Supply and LV Power Equipment	25	08-Nov-11	14-Dec-11	98																																																																					
A4300	Install Telecon Equipment	20	14-Dec-11	25-Jan-12	108																																																																					
A4310	Install Station Control Equipment + AFC Equipment	25	14-Dec-11	01-Feb-12	98																																																																					
A4315	Package Test Tramstop	5	01-Feb-12	08-Feb-12	98																																																																					
<b>Leith Sands Sub Station</b>		95	27-Jul-11	08-Dec-11	259	08-Dec-11, Leith Sands Sub																																																																				
36	Order REC supply from Scottish Power	0	27-Jul-11		131	Order REC supply from Scottish Power																																																																				

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— Rev 1 Baseline    ■ Remaining Work    ◇ Rev 1 Baseline Milestone    ▬ Summary  
■ Actual Work    ■ Critical Remaining Work    ◆ Milestone    ■ Change







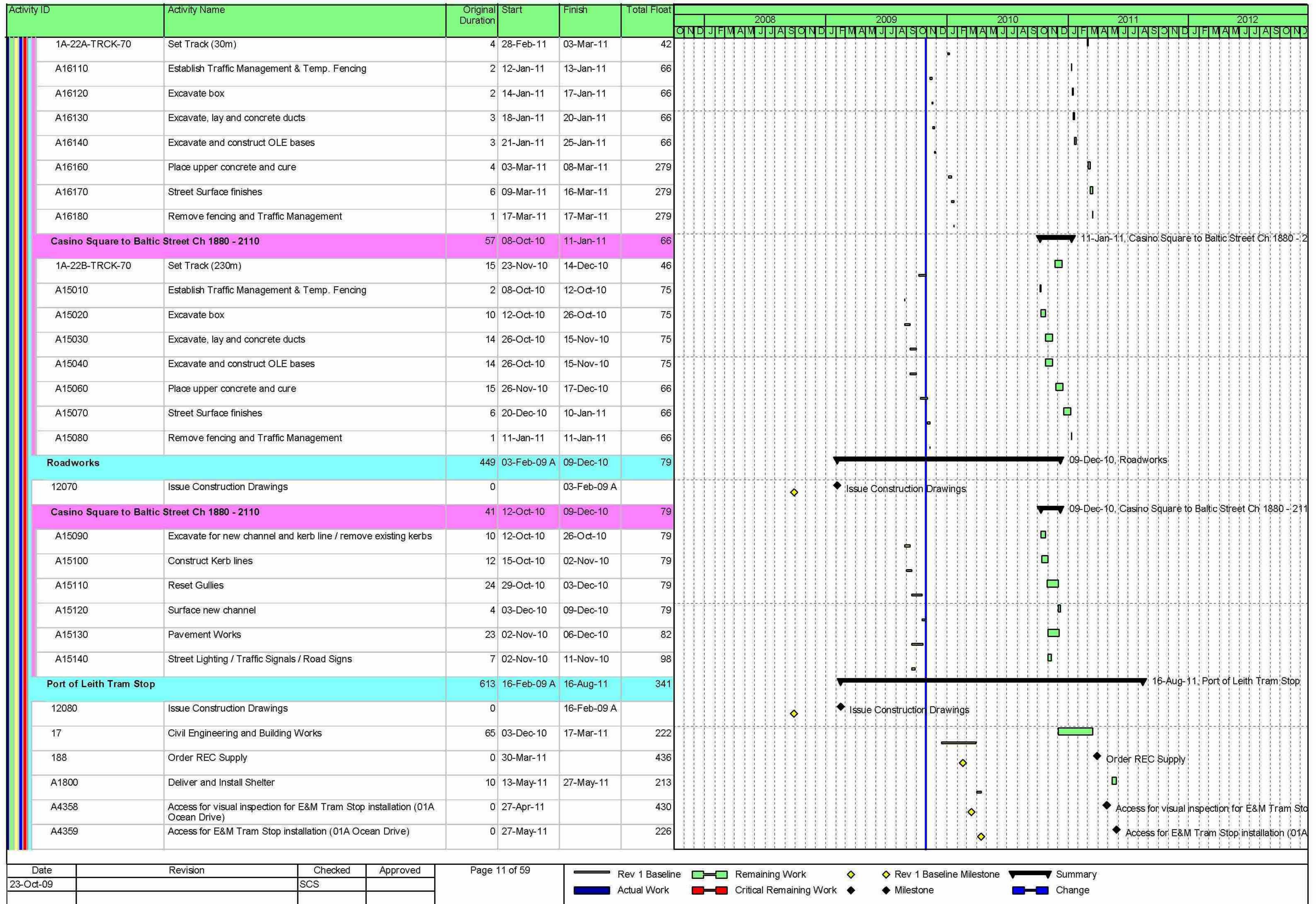
Activity ID		Activity Name		Original Duration	Start	Finish	Total Float	2008												2009												2010												2011												2012																							
								O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D												O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D												O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D												O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D												O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D																							
Tower Place Bridge (S17)				543	10-Dec-08 A	06-Apr-11	303	06-Apr-11, Tower Place Bridge (S17)																																																																							
12040	Issue Construction Drawings			0		10-Dec-08 A		Issue Construction Drawings																																																																							
A16050	Temporary Diversion of Services (by others)			40	30-Oct-09	08-Jan-10	200	Temporary Diversion of Services (by others)																																																																							
A16060	Temporary Platforms and Demolition			60	11-Jan-10	05-Apr-10	200	Temporary Platforms and Demolition																																																																							
A1770	Piling			15	06-Apr-10	26-Apr-10	200	Piling																																																																							
North Widening				76	27-Apr-10	13-Aug-10	200	13-Aug-10, North Widening																																																																							
A101	Substructure			40	27-Apr-10	23-Jun-10	200	Substructure																																																																							
A11	Install Beams			1	24-Jun-10	24-Jun-10	200	Install Beams																																																																							
A16070	Superstructure			35	25-Jun-10	13-Aug-10	200	Superstructure																																																																							
South Widening				76	16-Aug-10	30-Nov-10	200	30-Nov-10, South Widening																																																																							
A16080	Substructure			40	16-Aug-10	08-Oct-10	200	Substructure																																																																							
A1760	Install Beams			1	11-Oct-10	11-Oct-10	200	Install Beams																																																																							
A31	Superstructure			35	12-Oct-10	30-Nov-10	200	Superstructure																																																																							
Deck Finishes				80	01-Dec-10	06-Apr-11	303	06-Apr-11, Deck Finishes																																																																							
A16090	Permanent Diversion of Services (by others)			40	01-Dec-10	08-Feb-11	303	Permanent Diversion of Services (by others)																																																																							
A16100	Finishes			40	09-Feb-11	06-Apr-11	303	Finishes																																																																							
Ocean Terminal Tram Stop				602	07-Jan-10	08-Jun-12	138	08-Jun-12, Ocean Terminal Tram Stop																																																																							
12050	Issue Construction Drawings			0		07-Jan-10*	0	Issue Construction Drawings																																																																							
14	Civil Engineering and Building Works			65	14-Jan-11	15-Apr-11	167	Civil Engineering and Building Works																																																																							
178	Order REC Supply			0	23-Feb-11		461	Order REC Supply																																																																							
A1720	Deliver and Install Shelter			10	07-Apr-11	21-Apr-11	238	Deliver and Install Shelter																																																																							
A4318	Access for visual inspection for E&M Tram Stop installation (01A Ocean Terminal)			0	21-Mar-11		442	Access for visual inspection for E&M Tram Stop installation (01A Ocean Terminal)																																																																							
A4319	Access for E&M Tram Stop installation (01A Ocean Terminal)			0	21-Apr-11		238	Access for E&M Tram Stop installation (01A Ocean Terminal)																																																																							
A4320	Install LV Power Supply and LV Power Equipment			25	21-Apr-11	27-May-11	238	Install LV Power Supply and LV Power Equipment																																																																							
A4330	Install Telecom Equipment			20	27-May-11	27-Jun-11	248	Install Telecom Equipment																																																																							
A4340	Install Station Control Equipment + AFC Equipment			25	27-May-11	04-Jul-11	238	Install Station Control Equipment + AFC Equipment																																																																							
A4350	Package Test Tramstop			5	04-Jul-11	11-Jul-11	238	Package Test Tramstop																																																																							
A6090	Installation of SIG-interlocking cubide (2)			15	06-May-11	27-May-11	263	Installation of SIG-interlocking cubide (2)																																																																							
A6100	Commissioning of SIG -interlocking cubide			5	04-Jun-12	08-Jun-12	10	Commissioning of SIG -interlocking cubide																																																																							
Port of Leith (inc.) to Bernard Street (exc.)				625	03-Feb-09 A	16-Aug-11	341	16-Aug-11, Port of Leith (inc.) to Bernard Street (exc.)																																																																							
Trackworks				522	03-Feb-09 A	17-Mar-11	279	17-Mar-11, Trackworks																																																																							
12060	Issue Construction Drawings			0		03-Feb-09 A		Issue Construction Drawings																																																																							
Casino Square to Baltic Street Ch 1850-1880				47	12-Jan-11	17-Mar-11	279	17-Mar-11, Casino Square to Baltic Street Ch 1850-1880																																																																							

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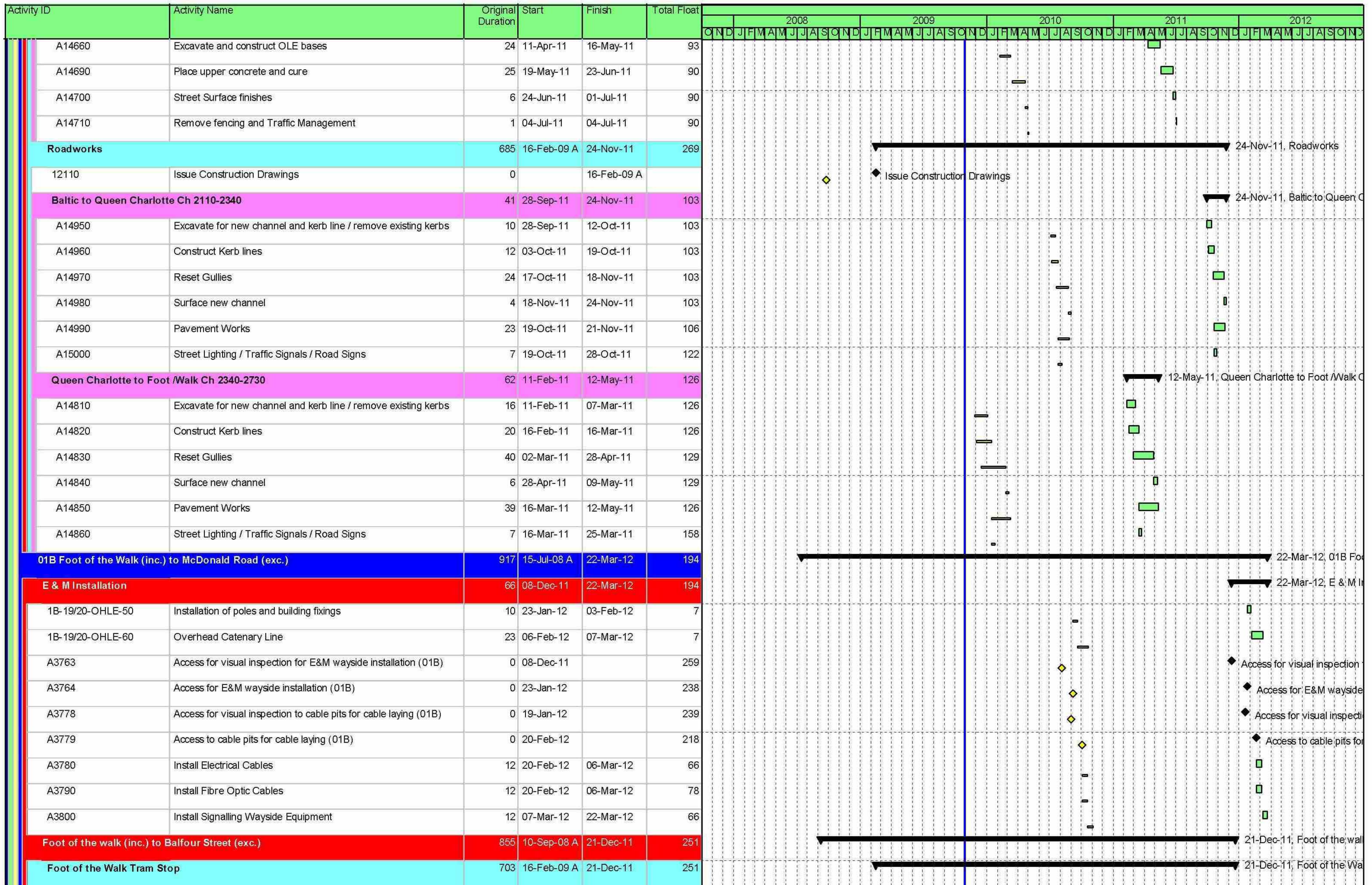
Rev 1 Baseline	Remaining Work	Rev 1 Baseline Milestone	Milestone	Summary
Actual Work	Critical Remaining Work	Milestone	Milestone	Change

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23-Oct-09		SCS			Actual Work	Critical Remaining Work	Milestone	Change







Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2008												2009												2010												2011												2012											
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D									
A11970	Establish Traffic Management & Temp. Fencing	2	20-Nov-09	24-Nov-09	111																																																												
A11980	Excavate for new channel and kerb line / remove existing kerbs	10	24-Nov-09	09-Dec-09	111																																																												
A11990	Construct Kerb lines	13	27-Nov-09	17-Dec-09	111																																																												
A12000	Reset Gullies	13	07-Dec-09	07-Jan-10	112																																																												
A12010	Surface new channel	6	07-Jan-10	15-Jan-10	112																																																												
A12020	Pavement Works	12	17-Dec-09	18-Jan-10	111																																																												
A12030	Street Lighting / Traffic Signals / Road Signs	7	17-Dec-09	11-Jan-10	116																																																												
A12040	Remove fencing and Traffic Management	1	18-Jan-10	19-Jan-10	111																																																												
<b>Leith Walk Ch 350-600</b>		<b>31</b>	<b>19-Jan-10</b>	<b>03-Mar-10</b>	<b>111</b>	<div style="text-align: right;">03-Mar-10, Leith Walk Ch 350-600</div>																																																											
A12050	Establish Traffic Management & Temp. Fencing	2	19-Jan-10	21-Jan-10	111																																																												
A12060	Excavate for new channel and kerb line / remove existing kerbs	10	21-Jan-10	04-Feb-10	111																																																												
A12070	Construct Kerb lines	13	26-Jan-10	12-Feb-10	111																																																												
A12080	Reset Gullies	13	02-Feb-10	19-Feb-10	112																																																												
A12090	Surface new channel	6	19-Feb-10	01-Mar-10	112																																																												
A12100	Pavement Works	12	12-Feb-10	02-Mar-10	111																																																												
A12110	Street Lighting / Traffic Signals / Road Signs	7	12-Feb-10	23-Feb-10	116																																																												
A12120	Remove fencing and Traffic Management	1	02-Mar-10	03-Mar-10	111																																																												
<b>Balfour Street (inc.) to McDonald Road (exc.)</b>		<b>879</b>	<b>15-Jul-08 A</b>	<b>30-Jan-12</b>	<b>232</b>	<div style="text-align: right;">30-Jan-12, Balfour Street</div>																																																											
<b>Trackwork</b>		<b>874</b>	<b>10-Sep-08 A</b>	<b>30-Jan-12</b>	<b>36</b>	<div style="text-align: right;">30-Jan-12, Trackwork</div>																																																											
12150	Issue Construction Drawings	0		10-Sep-08 A		<div style="text-align: right;">Issue Construction Drawings</div>																																																											
<b>Balfour Street Ch 600-850</b>		<b>70</b>	<b>05-Apr-11</b>	<b>13-Jul-11</b>	<b>54</b>	<div style="text-align: right;">13-Jul-11, Balfour Street Ch 600-850</div>																																																											
<b>1st half</b>		<b>37</b>	<b>05-Apr-11</b>	<b>26-May-11</b>	<b>51</b>	<div style="text-align: right;">26-May-11, 1st half</div>																																																											
1B-19A-TRCK-70	Set Track (250m)	10	05-May-11	18-May-11	38																																																												
A12850	Establish Traffic Management & Temp. Fencing	2	05-Apr-11	06-Apr-11	44																																																												
A12860	Excavate box	5	07-Apr-11	13-Apr-11	44																																																												
A12870	Excavate, lay and concrete ducts	8	14-Apr-11	25-Apr-11	44																																																												
A12880	Excavate and construct OLE bases	8	14-Apr-11	25-Apr-11	44																																																												
A12910	Place upper concrete and cure	10	10-May-11	23-May-11	51																																																												
A12920	Street Surface finishes	3	24-May-11	26-May-11	51																																																												
<b>2nd half</b>		<b>33</b>	<b>27-May-11</b>	<b>13-Jul-11</b>	<b>54</b>	<div style="text-align: right;">13-Jul-11, 2nd half</div>																																																											
1B-19B-TRCK-70	Set Track (250m)	10	21-Jun-11	04-Jul-11	45																																																												
A13250	Excavate box	2	27-May-11	31-May-11	51																																																												
A13260	Excavate, lay and concrete ducts	8	01-Jun-11	10-Jun-11	51																																																												

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23-Oct-09		SCS					

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2008												2009												2010												2011												2012																																																																																																											
						O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J				A				S				O				N				D			
A13460	Place upper concrete and cure	12	09-Jan-12	24-Jan-12	36																																																																																																																																																												
A13470	Street Surface finishes	3	25-Jan-12	27-Jan-12	36																																																																																																																																																												
A13480	Remove fencing and Traffic Management	1	30-Jan-12	30-Jan-12	36																																																																																																																																																												
<b>Leith Walk Railway Bridge (S18)</b>						0	04-Apr-11	04-Apr-11	433																																																																																																																																																								
26	Existing Structure	0		04-Apr-11	433																																																																																																																																																												
<b>Roadworks</b>						503	10-Sep-08 A	22-Jul-10	214																																																																																																																																																								
12160	Issue Construction Drawings	0		10-Sep-08 A																																																																																																																																																													
<b>Balfour Street Ch 600-850</b>						31	03-Mar-10	16-Apr-10	214																																																																																																																																																								
A12130	Establish Traffic Management & Temp. Fencing	2	03-Mar-10	05-Mar-10	214																																																																																																																																																												
A12140	Excavate for new channel and kerb line / remove existing kerbs	10	05-Mar-10	19-Mar-10	214																																																																																																																																																												
A12150	Construct Kerb lines	13	10-Mar-10	29-Mar-10	214																																																																																																																																																												
A12160	Reset Gullies	13	17-Mar-10	06-Apr-10	215																																																																																																																																																												
A12170	Surface new channel	6	06-Apr-10	14-Apr-10	215																																																																																																																																																												
A12180	Pavement Works	12	29-Mar-10	15-Apr-10	214																																																																																																																																																												
A12190	Street Lighting / Traffic Signals / Road Signs	7	29-Mar-10	08-Apr-10	219																																																																																																																																																												
A12200	Remove fencing and Traffic Management	1	15-Apr-10	16-Apr-10	214																																																																																																																																																												
<b>Pilrig / Iona Street Ch 850-950</b>						31	16-Apr-10	02-Jun-10	214																																																																																																																																																								
A12210	Establish Traffic Management & Temp. Fencing	2	16-Apr-10	20-Apr-10	214																																																																																																																																																												
A12220	Excavate for new channel and kerb line / remove existing kerbs	10	20-Apr-10	05-May-10	214																																																																																																																																																												
A12230	Construct Kerb lines	13	23-Apr-10	13-May-10	214																																																																																																																																																												
A12240	Reset Gullies	13	30-Apr-10	20-May-10	215																																																																																																																																																												
A12250	Surface new channel	6	20-May-10	28-May-10	215																																																																																																																																																												
A12260	Pavement Works	12	13-May-10	01-Jun-10	214																																																																																																																																																												
A12270	Street Lighting / Traffic Signals / Road Signs	7	13-May-10	24-May-10	219																																																																																																																																																												
A12280	Remove fencing and Traffic Management	1	01-Jun-10	02-Jun-10	214																																																																																																																																																												
<b>McDonald / Brunswick Road Ch 950-1250</b>						36	02-Jun-10	22-Jul-10	214																																																																																																																																																								
A12290	Establish Traffic Management & Temp. Fencing	2	02-Jun-10	04-Jun-10	214																																																																																																																																																												
A12300	Excavate for new channel and kerb line / remove existing kerbs	12	04-Jun-10	22-Jun-10	214																																																																																																																																																												
A12310	Construct Kerb lines	15	09-Jun-10	30-Jun-10	214																																																																																																																																																												
A12320	Reset Gullies	15	16-Jun-10	07-Jul-10	215																																																																																																																																																												
A12330	Surface new channel	9	07-Jul-10	20-Jul-10	215																																																																																																																																																												
A12340	Pavement Works	15	30-Jun-10	21-Jul-10	214																																																																																																																																																												
A12350	Street Lighting / Traffic Signals / Road Signs	7	30-Jun-10	09-Jul-10	222																																																																																																																																																												

Date	Revision	Checked	Approved	Page 19 of 59	Rev 1 Baseline Actual Work Remaining Work Critical Remaining Work Rev 1 Baseline Milestone Milestone Summary Change
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