

Edinburgh Tram Network

SDS Progress Report -

Period 5-9

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Revision History

Ver No	Date	Description	Prepared By
01	16/11/2012	Monthly Update	C Reid

Distribution

Ver No	Date	Name	Role	Company
01	16/11/2012	Martin Foerder	Project Director	BBS

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This report covers the period ending 15/09/12

1 KEY ISSUES

1.1 Project Wide

Utilities Conflicts : SDS continues to work with BBS and T&T to develop solutions as they arise to facilitate the construction programme.

Scottish Water Approvals : Formal approvals via "Business Stream" remain outstanding for 2A and 5A. 5A was submitted last period, and 2A submitted during the period.

SDS await confirmation of site availability to enable site walk through to agree sign locations.

1.2 Section 1 (York Place to Newhaven)

No key issues.

1.3 Section 1 (Haymarket to York Place)

Cathedral Lane Substation : for duct routes to York Place, SDS supporting utility conflict activities via PMC47. Retaining Wall VE change, trial holes ongoing.

York Place Cellars : SDS to re-issue report to enable closure with CEC. ECS witnessing of piling works undertaken by T&T.

Utility Conflict Driven Changes : Numerous CEC/T&T changes being addressed for S.A.Sq East of Tram Stop Kerb, On-Street Drainage Amendments.

Drainage redesign changes : SDS developing and taking on board drainage redesign for T&T through instructed change

1.4 Section 2

No Key issues

1.5 Section 5

No key issues.

1.6 Section 6

No key issues.

1.7 Section 7

Airport Tramstop : Change being developed into detailed design for tie-in from Tramstop con course to Jubilee Road / Burnside Road. Currently awaiting EAL feedback through T&T.

1.8 ECS

The ECS team are attempting to resolve issues directly with the site teams and their subcontractors before they are raised.

ECS resource remains as last period. The anticipated release of Section 5-7 Inspector has still not occurred, so ECS Manager covering Section 1. Resource has been reviewed and agreed until end of January.

1.9 As-Builts

SDS discussions with BBS to confirm a strategy and programme for release of all "Red Lined" drawings to SDS for subsequent CAD'ing of As-Builts status drawings. SDS await submission of database with first release of As Built drawings during the period for Section 5C part and Section 7A.

2 PRODUCTION OF DESIGN

The current status of activities is as noted in the following documentation:

- P6 Programme (as issued separately from this report)
- SDS Design Issues tracker , as distributed and reviewed at the weekly SDS Designs Issues Meetings (attached in Appendix A)

3 COMMERCIAL

3.1 Application

The Application for the period is issued under separate cover.

3.2 Change Control

The Change Register is included with Applications.

4 EXTENDED CONSTRUCTION SUPPORT**4.1 General**

Key issues have focused on:

- Section 1 : Sett, kerb and tramstop geometry being adjusted in agreement with CEC to incorporate utilities and to ensure positive drainage of small areas outside the RBS
- Section 2 : Roseburn Delta footpath practically complete. Construction of W3 wall well on – tie in details with S20 structure agreed. W3A additional retaining measures issued IFEA and IFC
- Section 5 : Roseburn PC Units Quality Issues – re-working with GC construction to use the units delivered to site, to over come geometric issues
- Section 5 : Gateway / Edinburgh Park Highways Interfaces
- Section 7 : Airport Tramstop interfaces

4.2 TQs

The ECS team are attempting to resolve issues before they are raised directly with the site teams and their subcontractors.

The weekly TQ list is appended to weekly reports. The status at the end of this period is as follows.

	Period 5-5 (as at 23/7)	Period 5-6 (as at 21/8)	Period 5-7 (as at 18/9)	Period 5-8 (as at 22/10)	Period 5-9 (as at 13/11)
Total outstanding	21	9	15	21	22
Answer outstanding , raised before period	5	3	4	5	3
Answer outstanding , raised in period	16	6	11	16	18
	Includes 0 no. T&T Utility Conflicts TQ's	Includes 0 no. T&T Utility Conflicts TQ's	Includes 0 no. T&T Utility Conflicts TQ's	Includes 0 no. T&T Utility Conflicts TQ's	Includes 0 no. T&T Utility Conflicts TQ's

4.1 NCRs

There are a number of NCRs that require SDS input to close. Joint SDS/BBS review will be undertaken early next period.

5 AS-BUILTS

General

SDS discussions with BBS to confirm a strategy and programme for release of all "Red Lined" drawings to SDS for subsequent CAD'ing of As-Builts status drawings. SDS await submission of database.

Section 5C

Retaining walls and bridges issued during the period. SDS have been analysing these to determine whether there is adequate information to allow production of As Built drawings

Section 6 (Depot)

0 number drawings are with SDS to issue as "As-Built"

Section 7

Red Lined drawings and as built package have been received by SDS during the period. SDS have been analysing these to determine whether there is adequate information to allow production of As Built drawings.

6 DESIGN AND ADDITIONAL DESIGN SUPPORT**6.1 Project Resources**

Martin Brady	Project Manager
Graham Blades	Commercial
Chris Reid	Design Manager
Bob Heald	Design Manager
Graeme Lang	ECS Manager
Laura Langford	ECS Administrator
Stuart Findlay	ECS Inspector
Sandy Wood	ECS Inspector
Arran Henning	CAD
David Carmichael	CAD

6.2 Additional Resources

The Design Team Leaders detailed below can be made available to respond to TQ's and attend the appropriate meeting (subject to suitable notice) on the proviso that BBS give instruction that these DTLs time spent will be paid for, where the scope lies outwith the scope of core design and extended construction services.

<u>DISCIPLINE</u>	<u>Code</u>	<u>DTL (and contact details)</u>
Tram	TRM	Chris Reid
Track (and Alignment)	TRK	Tim Farrell
Track Auxiliaries	TRA	Chris Reid David Simmons/David Pluse/Martin
Roads	RDS	Young.
Pavement Design	RDS	Martin Young
Structures (P)	STR-P	Andy Groves
Structures (H)	STR-H	Philip McKenna
Traction Power Supply	TPS	Mike Coupe
Sub Stations	SUB	Steven Surtees
Depot / Gogar Interchange	DEP	Steven Anderson
Tram Stops	STP	Chris Reid / Bob Heald
Overhead Line Equipment	OLE	Mike Coupe
Supervisory, Control and Comms	SCC	Mike Goldsworthy
Low Voltage Supplies	LVS	Steve Surtees

Street Lighting	STL	Simon Rowbothom
Drainage	DRN	Matt Fell
Ducting	DUC	Chris Reid
Geotechnical	GEO	Kevin McGinty / Mark Glendenning
Environment	ENV	David Simmons
Utilities (L2 - Sections 2, 5, 6 and 7)	UTL	Chris Reid
Utilities (L1 - Sections 1 and 3)	UTL	David Simmons
Landscape	LSC	John Ramsay

APPENDIX A – SDS DESIGN CLOSE OUT PROGRAMME

SDS Issues List / Detailed Programme



SDS Issues
2012-11-08.pdf