



THANET DISTRICT COUNCIL

Dreamland Scenic Railway

Employer's Agent Progress Report Nr. 2

Reporting Period 19 January – 02 February 2015

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1. INTRODUCTION

1.1 This report has been prepared by Gardiner & Theobald LLP (G&T) in its role as Employer's Agent for Dreamland Scenic Railway. The report comprises a bi-monthly progress report for Scenic Railway works.

The progress report will report on both contractors involved in the construction; Topbond who is to deliver the structure and associated buildings and WGH Engineering who is to deliver the track, trains and machinery.

The reporting period is from 19 January – 02 February 2015. It is intended that this Progress Report will be issued every two weeks from January 2015 onwards.

The intended recipients of this report are Thanet District Council, The Heritage Lottery Fund as well as the Operator Sans Heritage Limited.

2. CDM, HEALTH & SAFETY AND ENVIRONMENTAL ISSUES

2.1 CDM and Health & Safety

No accidents to report in this period.

3. PROGRESS AND PROGRAMME

3.1 Structure: Topbond contract

The following is a summary of key dates;

Contract executed	30 July 2014
Contract duration;	39 weeks
Date of site possession;	1 September 2014
Date for practical Completion;	1 June 2015
EOT's approved;	0
EOT's pending;	0
EOT's anticipated;	0
Revised date for practical completion;	1 June 2015

3.2 Tracks, train and machinery: WGH Engineering

The following is a summary of key dates;

Contract executed	10 March 2014
Contract duration;	64 weeks
Date of site possession;	N/A
Date for practical Completion;	29 May 2015
EOT's approved;	0
EOT's pending;	0
EOT's anticipated;	0
Revised date for practical completion;	29 May 2015

3.3 Works status

3.3.1 Topbond

The project is currently in week 19 of a 31 week on site programme. The current programme has been revised (attached) to separate out the zones and the building's construction. The completion date is as per the contract programme date and is to remain the same at 1 June 2015.

Please see below the status of each zone of the Scenic and the buildings. A revised zoning plan (as approved by English Heritage and TDC Planning) is attached.

Zone 01 (Trestles 28 - 55)	Trestle erection complete.
Zone 02 (Trestles 56 – 80)	Trestles 56 – 67 erected. Behind programme on erecting trestles 68 – 80 although have been manufactured. Both steel portal frames are in place.
Zone 3 (Trestles 81 – 103)	Existing structure fully dismantled with work to rebuild the retaining wall underway. Trestles 81 – 91 are manufactured and awaiting erection.
Zone 04 (Trestles 102 – 122)	Trestles 108 – 116 have been erected. 117 – 122 have been manufactured and awaiting erection.
Zone 05 (Trestles 9 – 16)	Trestle erection complete.
Zone 06 (Trestles 17 – 27)	Trestles 17 – 27 are currently being manufactured.
Zone 07 (Trestles 1 – 8, 123 - 375, 326 – 357)	South curve civils currently being designed with trestle detailing evolving from this design.
Powerhouse	Currently being degreased and cleaned in preparation for the haulage equipment which start to be installed on the 10/02
Workshop	Foundations currently being constructed as part of the adjoining trestles. Construction of workshop currently behind programme.
Station	Structure and architectural are currently under design and due for submittal.

Outstanding Issues

CC No.6 – Electrical Queries. Most queries have been resolved. The festoon lighting is to be as tendered specification. The uplighters are to be a multi-coloured option of which costs are being obtained. CC to be closed out by 06/02/15.

CC No.10 – Protective paint to Maintenance Shed steel frame. CRH has provided a specified a C3 Classification treatment to Topbond. Topbond are to provide a quote on which an instruction will be issued.

CC No.13 - Emergency Lighting for the Scenic. WGH have confirmed that emergency lighting would be required for evacuation purposes. It was noted that this will be a project cost that will be offset by a reduced number of uplighters.

A full list of Contractor Communications is available in Appendix B.

3.3.2 WGH

This project is currently in week 46 of a 64 week programme. WGH are on track to deliver the tendered track, trains and machinery by current completion date of the 29 May 2015. A second train has been instructed and WGH will endeavour to supply the train in line with the first.

Please see below the status of the track, trains and machinery.

Dynamic analysis	Dynamic analysis is complete.
Haulage equipment	Haulage equipment is ready to install at WGH's warehouse and will be delivered to site for installation on 10/02.
Braking/anti-roll back system	Braking, anti-run back system and cable management details are currently with TDC planning for approval.
Train Design/ Manufacture	All parts of the bogeys have been designed and waiting for approval for the anti-run back, cable management and braking details. The carriages are being designed as original except for additional guarding to comply with current regulations. Preliminary design has been approved allowing for continuing of the design.
Track manufacture	Track design is complete and the steel track is currently being rolled. First delivery and installation of track on 10/02
Maintenance track	Maintenance track has been approved by design and is being incorporated into the Workshop design.

No formal requests for information have been submitted by WGH.

3.4 Extension of Time

No formal extensions of time have been submitted by either contractor. It is noted that there was a delay in design information being submitted by WGH for Topbond to progress the structural design. However, no formal EOT was submitted.

Due to the collapse of 14 trestles from high wind loads over the Xmas break, there will be a change in programme however there is no anticipated delay to the end date.

4. DESIGN SUBMISSIONS

4.1 EH Submissions

Please refer to section 4.0.

4.2 Design Submissions

The following has been submitted;

Design Issued	Issued by	Comments	Status/ Action
Foundation design	Topbond	CRH have approved	No action
Trestles 9 – 27, 28 - 122	Topbond	Approved by CRH and TDC planning.	No action
Magnetic braking system/anti roll back system	WGH	Submitted to TDC planning and EH for approval	Waiting approval from TDC planning/ EH
Revised phasing plan to allow commencement of Zone 17	Topbond	TDC Planning/EH has approved.	No action
HDPE tapered joint for	Topbond	EH have approved.	TDC planning to

stabilisation of the curves.			approve.
Powerhouse design	Topbond	Submitted for to TDC planning	TDC
Initial carriage design	WGH	Submitted to GHA and EH for comment	GHA/EH
Maintenance track design	WGH	Submitted for comment	TDC

4.3 Anticipated Design Submissions

Design	Issued by	Comments	Status/ Action
Trestle design 1 – 8, 123 – 149, 163 – 195	Topbond	Please see current programme for submission details	Topbond
Workshop design	Topbond	Outstanding. Confirmation of submittal for the 05/02/15	Topbond
Station design	Topbond	Outstanding. Confirmation of submittal for the 13/02/15	Topbond
Complete carriage design	WGH	Expected w/c 23/02	WGH

5. LOCAL, STATUTORY & OTHER CONSENTS

5.1 Planning Conditions

See Section 4.2 for current drawings that have been approved and what is currently being reviewed by planning as per Condition 3 and what drawings are yet to be issued (Section 4.3).

The schedule of works and methodology were submitted to and approved by TDC planning as per Condition 2. Revised phasing plan was submitted to benefit the programme after the collapse of the trestles on the north curve and was approved on the 15/01/15.

A detailed record of the existing structure and associated buildings was submitted to TDC planning and approved as per Condition 4.

5.2 English Heritage

5.2.1 Listed Building Consent Approval Items

All drawings that are submitted to TDC planning are being reviewed by Tom Foxall at English Heritage prior to approval being given. If possible, the designs are reviewed with Tom prior to submitting to TDC planning.

- The braking, cable management and the anti-roll back system are currently under review by English Heritage. Due to modern Health and Safety standards, there is a requirement for a fall back braking system other than the Brakeman and a failsafe anti-roll back system. The new cable management system is to reduce maintenance and wear on the structure. WGH has supplied prescriptive to help explain the system and reasoning behind why there is a requirement for a change from the old system. The carriage design will be submitted to EH for comment also.

6. OPERATOR

6.1 Change Request Forms

The following is the status of operator change requests issued;

CCF#	CCF Description	Status/ Comment
1	Procurement of second train from WGH	Confirmed by WGH. e/o of second train to be agreed

6.2 Anticipated change requests

6.2.1 Task power outlets

The Operator has requested task power outlets to be situated around the ride.

7. COMMERCIAL MATTERS

7.1 Summary

	Topbond PLC	WGH Engineering
Contract Sum (including provisional sums);	£1,743,583	£899,456
Provisional Sums;	£0	£0
Approved Provisional Sum Adjustments;	£0	£0
Variations Approved	£0	£0
Variations Anticipated;	TBA	£150,500
Claimed to date;	£783,950.91	£271,814
Paid to date;	£783,950.91	£271,814

7.2 Provisional Sums

There have been no provisional sums agreed in the contract.

7.3 Variations

Please see Cost Report attached in Appendix (A). No valuations have been submitted since the last Progress Report.

7.4 Certificates

7.4.1 Topbond

Gross value of works is £1,743,583.00

In summary payments certified to date are as follows;

Payment Certificate Number	Date Issued	Gross Valuation	Total Retention Reduction	Payable amount exclusive VAT
1	21/10/14	£105,791.77	£5,289.59	£100,502.18
2	19/11/14	£305,815.15	£15,290.76	£190,022.21
3	10/12/14	£440,934.06	£22,046.70	£128,362.97
4	14/01/15	£783,950.91	£39,197.55	£325,866.00
Total Payable to Date				£744,753.36
Total Outstanding Based on Current Final Account Forecast				£998,829.64

In line with the agreed Payment Schedule, the Due Date for valuation No. 5 is 10 February 2015 and the Employer's Agent's payment certificate is to be issued by 12 February 2015. The final date for payment is 12 May 2015.

7.4.2 WGH Engineering

Gross value of works is £899,456.00.

In summary payments certified to date are as follows:

Payment Certificate Number	Date Issued	Gross Valuation	Retention Reduction	Payable amount exclusive VAT
1	TBC	£47,220.00	£2,361.00	£44,859.00
2	31/07/14	£94,013.00	£4,700.65	£42,092.35
3	25/11/14	£271,814.00	£13,590.07	£168,910.95
Total Payable to Date				£255,862.30
Total Outstanding Based on Current Final Account Forecast				£643,593.70

No payment schedule has been agreed with WGH with payments due when WGH has substantial claim for a valuation.

8. STAKEHOLDER/THIRD PARTY MATTERS/ SERVICE AUTHORITIES

8.1 Dreamland Trust

Dreamland Trust requested clarification on the Haul Hill heights. WGH explained the reasoning behind the current haul hill height to English Heritage which was accepted.

8.2 UKPN

Temporary power has been taken from the existing UKPN substation on Eaton Road. The permanent power for the Scenic Railway and associated buildings will be taken from a new substation.

APPENDIX A

COST REPORTS (NA THIS REPORTING PERIOD)

APPENDIX B

CONTRACTOR COMMUNICATIONS

APPENDIX C

PHASING PLAN AND PROGRAMME

APPENDIX D

CLERK OF WORKS REPORT

APPENDIX E

SITE PROGRESS PHOTOS

