

Bell Gareth

From: Hughes Graham
Sent: 07 October 2010 16:01
To: Bell Gareth
Subject: FW: Steering Group Meeting 15 Oct - Technical & Approval Issues Rev 8
Attachments: Risk to N Section Completion AHS Rev 8.doc

From: Shingler, Alan [REDACTED]
Sent: 16 October 2009 10:30
To: Hughes Graham
Cc: Gould, John A; Selway, Ken; Menzies Bob; Benfield, David B; Whalley, Simon; Ely, John; [REDACTED]
Subject: Steering Group Meeting 15 Oct - Technical & Approval Issues Rev 8

Graham

Further to the Steering Group meeting of yesterday (15 Oct), I attach herewith an updated Technical and Approval Issues Rev. 8 schedule that I trust is an accurate record of discussions at and actions arising out of the meeting.

Regards

Alan

Alan Shingler
Senior Contracts Advisor

BAM Nuttall Limited
[REDACTED]
[REDACTED]

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Cambridgeshire Guided Busway

Technical and Approval Issues Relating to Northern Sectional Completion

Meeting 15 October 2009

Rev. 8

No	Risk	Detail	Action	Owner
1	Sectional Completion Supplement Agreement	Definite window for concluding agreement needs to be identified – consider 56 days notice period.	Trowers and BDB met on 5 October and a further meeting was proposed for 13 October. This was postponed and an email was sent to CCC by BDB with a revised wording for their agreement.	CCC
2	Maintenance track level	Maintenance track below surrounding ground level. Continuation of the design will lead to silting in areas that used to be railway drainage ditches. Revised FRA submitted with some areas increased in height by 300mm.	A meeting was held on 14 October 2009 attended by various members of the project team but particularly [redacted] [JV] and [redacted] [Atkins]. The site was walked from RGO to Covells [approx] and areas were identified where the levels could be reviewed. [redacted] will draft a proposal that covers additional flood review for these areas.	BAMN
3	Guideway Foundations	Settlement calculations not provided. Detailed projected settlement calculations required in accordance with HD22. Particular emphasis is required on the transition zones between soil type and foundation types where differential movement is expected	Atkins are to provide comments by Friday 16 October on any outstanding issues and advise [redacted] will comment as required, although a response, whether complete or not will be available for the meeting on 23 October.	Atk
4	Guideway Tolerance	Guideway alignment.	BAM Nuttall are to confirm their method statement for the alignment through the junctions. BAM Nuttall have adjusted the 20 points that deviated from the best fit line and are re-surveying those areas. This information will be sent to the MX modeller and the model reviewed. This may be available w/c 26 October.	BAMN BAMN

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No	Risk	Detail	Action	Owner
			BAM Nuttall also to confirm which areas are unlikely to be changed.	BAMN
5	Rubber tyre infill	Rubber infill susceptible to fire. Adequacy of risk assessments questioned. <u>BAM Nuttall Comment</u> The risk assessment was agreed with the Fire Brigade: namely dig out the tyres at each end of the fire to provide a break and then extinguish using foam.	BAM Nuttall have confirmed the people that are preparing the risk assessment and in particular a CV has been provided for [REDACTED] A risk assessment that covers the points made in Atkins letter 5047709/209/DBBL12750 dated 8 October 2009, as confirmed by GH/JG, is to be prepared and issued w/c 19 October.	BAMN
6	Not used			
7	Texture	BNL design requires guideway texture. <u>BAM Nuttall Comment</u> The specification in the works information does not provide the texture that the buses need for stopping. An instruction is needed changing the works information.	BAM Nuttall have undertaken trials for providing the texture specified by Atkins: 0.4mm +/- 20% and anticipate having a procedure drafted to allow works to commence during w/c 19 October.	BAMN
8	Not Used			
9	Fencing	Planning condition discharge.	DB stated that John Ely had raised queries	BAMN
10	Lighting discharge		BAM Nuttall (PH) has asked [REDACTED] to arrange a planning committee site meeting for	

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			<p>day and night visit to Histon. This is not confirmed but the proposal is that the meeting will precede the November planning meeting.</p> <p>Note that [REDACTED] retires on 16 October 2009 and [REDACTED] will be his replacement.</p> <p>DB will liaise with his staff and a pre-meeting "energising" of the lights will be arranged.</p>	Atkins/BAMN
11	IDB & EA Consent	Issues with maintenance need resolution before formal sign off.	Hunts DC have been sent a new set of drainage documents and this will be followed up.	BAMN
12	Not Used			
13	Commissioning/Handover Strategy	To be dealt with as a subject and not as part of the Technical and Approval issues.	Programme formatted as requested by DB issued on 8 October in hardcopy and on BC. Comments received from Atkins on 12 October and due to sickness and holidays BAMN will meet with Atkins on 15 or 16 October to address comments and prepare a draft for issue on 19 October. This draft must be issued prior to SG telecom on Tuesday at 18:30	Atkins/BAMN
14	Not Used			
15	St Ives P & R Surfacing	HD39 accepted as a contractor's proposal in lieu of HD24 design standard	Calculations sent to Atkins (MM). BAMN confirmed solution to "ponding" will be to plane up existing and re-lay.	Atkins BAMN

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No	Risk	Detail	Action	Owner
16	St Ives- Longstanton	Earthworks failure risk (500m)	Atkins to confirm if there is anything outstanding concerning this issue.	Atkins
17	St Ives Methane	Atkins are of the view that the design is too conservative.	This item is now seen as a commercial issue. It still needs to be resolved as it is still a potential defect. More information is needed as to why the membrane was provided and this will require a review of the contract. BAM Nuttall (JE) are to seek comments from the Design JV (RG).	Atkins/BAMN BAMN
18	Not used			
19	Not used			
20	Bus Stop Lighting	Oakington Bus Lighting calculations not supplied.	The level of illumination is considered by CCC to be too bright. CCC are to discuss with Atkins	CCC/Atkins
21	Longstanton P & R.	The pavement HD39 is a value engineering solution.	A difference exists between CCC and BAM Nuttall as to whether the commercial arrangement agreed for St Ives should apply to Longstanton.	Steering Group
22	Not Used			

No	Risk	Detail	Action	Owner
23	Burst-Throughs	Issues with exit flares	BAM Nuttall have completed the adjustment and bus trials are planned via the commissioning team.	CCC/BAMN
24	Not used			
25	Defects – (Non-Conformities?)	A number of defects remain to be closed out by reference to the Atkins defect Schedule	BAM Nuttall is to provide Atkins with its list of non-conformities.	BAMN
26	TOS/Accommodation Works obligations	3rd party confirmation that Obligation has been dealt with is outstanding.	<ol style="list-style-type: none"> 1. Hand back of temporary land parcels – all landlords to be written to in the coming week with request to sign exit certificates. 2. Accommodation works – all third parties to be written to in the coming week with certificate to confirm they are happy that all works have been satisfactorily carried out. 3. Transferred obligations schedules – BAM Nuttall to write to CCC stating that BAM Nuttall have fulfilled all transferred obligations and requesting CCC's of this. 	BAMN
27	RSA Stage 3 report recommendations	Recommendations (other than Exceptions) carried out after Sectional Completion	RSA 3 is in hand. The RSAs are incorporated in the programme.	Atkins/BAMN
28	Not used			

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No	Risk	Detail	Action	Owner
29	Other minor issues on drawings	This issue relates to and will be dealt with as part of the outstanding drawing approvals.	Certificate 586 resubmitted under Certificate 733 on 2 October 2009.	Atkins
30	Not used			
31	Pavement from Park Lane to Milton Road	Order to be placed by CCC with BAM Nuttall for surfacing the maintenance track from Park Lane to Milton Road.	The scope, specification and terms and conditions of the separate order to BAM Nuttall were received on 14 October 2009. Under review. BAM Nuttall confirmed that the works would not commence before 2 November 2009.	BAMN
32	Outstanding Design Approvals	Atkins (DB) have expressed concern that this section does not reflect the true status of the drawing approvals and accordingly the actions as at the date of the Steering Group Meeting.	Accordingly, BAM Nuttall undertook to arrange for this part of the issues schedule to be updated to reflect the position (from BAM Nuttall's understanding) on the Wednesday evening before each Steering Group Meeting. For these notes, the actions have been removed until this latest updated information is incorporated/provided The question of outstanding approvals is being progressed between Atkins (PJ) and BAM Nuttall (PH). Re-submitted as Cert. 385.	

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		BAM.137A/C5/1/385 - App 7/1	Responded to 25 July 2008 but proposed revisions not proceeded with.	
		BAM.137A/C5/1/435 - Longstanton Platform Report	Designer responded on 14 July 2008.	
		BAM.137A/C5/1/498 - St Ives P&R Construction Details	Designer responded on 23 October 2008.	
		BAM.137A/C5/1/502 - St Ives P&R Geotech Report Sect 8.7.	Designer responded on 26 September 2008	
		BAM.137A/C5/1/505 - Cross Sections Chg 5150 & 5850	Designer responded on 8 October 2009	
		BAM.137A/C5/1/507 - St Ives P&R Environmental Assessment	Designer responded on 8 September 2008.	
		BAM.137A/C5/1/544 - Guideway X Sections	Designer responded on 3 December 2008.	
		BAM.137A/C5/1/545 - Departure LGSTN/01	Designer's response outstanding – Departure no longer required?	
		BAM.137A/C5/1/553 - Alignment Ch2300-5080	Designer responded on 12 October 2009.	
		BAM.137A/C5/1/561 - Earthworks X Sects	Designer responded 8 January 2009.	
		BAM.137A/C5/1/563 - RGO Sheet Pile Ret Wall	Designer responded 11 December 2008.	
		BAM.137A/C5/1/564 - RGO Sheet Pile Ret	Checker Certificate for Cert. 563 – No response	

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		Wall	required.	
		BAM.137A/C5/1/569 - Foundation Levels	Designer's response outstanding.	
		BAM.137A/C5/1/585 - Longstanton P&R	Designer responded on 2 March 2009.	
		BAM.137A/C5/1/586 - LEM Landscape Design -	Designer responded on 2 March 2009.	
		BAM.137A/C5/1/587 - Geotechnical Report Vol 1 & 2 + Annex 4	Designer responded on 4 June 2009.	
		BAM.137A/C5/1/608 - Arbury Link -	Designer responded on 25 February 2009. Re-submitted under BAM.137A/C5/1/701.	
		BAM.137A/C5/1/631 - Longstanton P&R Revised Design	Designer responded on 25 February 2009. Re-submitted under BAM.137A/C5/1/701.	
		BAM.137A/C5/1/670 - Longstanton P&R Revised Design	Designer's response outstanding. Revised drawings to be re-submitted.	
		BAM.137A/C5/1/672 - Meadow Lane Planting	Designer responded on 25 February 2009. Re-submitted under BAM.137A/C5/1/707.	
		BAM.137A/C5/1/693 - St Ives P&R Bus Platform Kerbs	Designer responded on 8 July 2009.	

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No	Risk	Detail	Action	Owner
33	Grass Seeding	Hydraseeding is been sprayed on to uncleared weeds	DB queried how the grass seeding would take if it were sprayed onto weeds that have been left in place.	BAMN

Bell Gareth

From: Hughes Graham
Sent: 07 October 2010 15:59
To: Bell Gareth
Subject: FW: CGB - Update on DEF Register
Attachments: Defects Tracker 16 Nov.pdf

From: Whalley, Simon [REDACTED]
Sent: 17 November 2009 16:25
To: Selway, Ken
Cc: Menzies Bob; Hughes Graham; Gould, John A; Johnson, Philip L; [REDACTED]
Subject: CGB - Update on DEF Register

Ken,

[REDACTED] and [REDACTED] have updated the schedule and a copy is attached for this evening's telecon. Comments by necessity are brief, but if more info needed call [REDACTED]

Regards,

Simon Whalley

Project Manager

BAM Nuttall Ltd

Cambridgeshire Guided Busway

[REDACTED]
[REDACTED]
[REDACTED]

w: www.bamnuttall.co.uk

a: CGB, Unit 8, Hazlewell Court, Lolworth, Cambs CB23 8DS

<<Defects Tracker 16 Nov.pdf>>

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Atkins 'Defects' Tracker (North) - 16 Nov 09

'Defect' Ref	Date		Details	NCR	BNL NCR			Owner	Comments
	Issued	Rec'd			Date	Date closed			
001	21 Aug 08	22 Aug 08	[redacted] field access, Park Lane junction.	185	18 Jul 08		JE	Check landowner's opinion on magnitude of problem. NCR 185 raised by [redacted] to be closed.	
002	16 Oct 08	17 Oct 08	BT Openreach Chamber					Closed	
003	5 Sept 08	8 Sept 08	RGOV: Damage to deck units, cut reinforcement not covered by design change	202	11 Sep 08	26 Jan 09		Closed	
005	16 Oct 08	17 Oct 08	Guideway Defects – Longstanton to Milton Road	187 188 189	22 Jul 08 22 Jul 08 25 Jul 08	6 Nov 08 6 Nov 08 6 Nov 08	GR	Issues addressed & NCRs closed. Joint Inspection 4 Nov 09	
006	6 Oct 08	7 Oct 08	Guideway survey and alignment				JE	[redacted] talking. [redacted] to issue alignment to [redacted] to issue final findings by 20 Nov. Retrofit line to be produced	
007	6 Oct 08	7 Oct 08	Conflicting Levels Between Guideway Beams & slab at B1050 Longstanton Junction	204	30 Sep 08	6 Feb 09		[redacted] talking. [redacted] to issue alignment to [redacted] to issue final findings by 20 Nov. Retrofit line to be produced	
008	16 Oct 08	7 Oct 08	Earthworks at Chainage 1400m to 1580m (Adjacent to [redacted] Yard)	478	28 Oct 09	3 Nov 09	PA	Closed	
009	16 Oct 08	17 Oct 08	Guideway joints narrower than design				SW	We do not consider this to be a defect. Atkins to determine. (I understood we were going to survey joint widths and told PJ this at meeting 16 Nov)	
010	16 Oct 08	17 Oct 08	Guideway joints wider than design (Design Certificate No 384 issued)	479	28 Oct 09		SW	Closed	
011	28 Nov 08	1 Dec 08	Junction drainage	247 248 250	27 Nov 08 27 Nov 08 27 Nov 08	19 Jun 09 11 Mar 09 24 Apr 09		Closed	

Submitted for closure

Closed

Atkins 'Defects' Tracker (North) - 16 Nov 09

Submitted for closure
 Closed

'Defect' Ref	Date		Details	NCR	BNL NCR			Owner	Comments
	Issued	Rec'd			Date	Date closed			
012	19 Jan 09	23 Jan 09	Maintenance tracks and access tracks	299	24 Feb 09		DB	Keep live and deal in tandem with 045. Awaiting DB comments on [redacted] Report of 26 Oct 09. [redacted] to visit site on Thursday 19 Nov 09.	
013	3 Mar 09	4 Mar 09	Defects in ducting, poles and kerbs and ponding	480	28 Oct 09	11 Nov 09	GR	Repairs carried out Collating evidence 23 Oct 09	
014	24 Mar 09	25 Mar 09	Cracks in concrete surface slabs - Oakington, CRC, Park Lane & Milton Rd	311 398 399 401 405	24 Mar 09	28 Oct 09 4 Nov 09 7 Oct 09 23 Sep 09 27 Oct 09	Atk	Further review of cracks required by BNL	
015	24 Mar 09	25 Mar 09	Provision of Level 2 Programmes				GG	Closed Out - commercial issue	
016	31 Mar 09	2 Apr 09	Provision of Guideway Settlement Calcs.				JV	Awaiting result of [redacted] discussion with D Benfield on 17 Nov 09	
017	29 July 09	3 Aug 09	St Ives P & R - Water ponding on surface	367	22 July 09	11 Nov 09	PA	Meeting on 16 November 09. JV to look at some redesign work	
018	29 July 09	3 Aug 09	Diesel Spillage	381	3 Aug 09	2 Nov 09	PA	Closed	
019	10 Aug 09	13 Aug 09	Guideway Texture	482	28 Oct 09	12 Nov 09	SW	Closed - pendulum test results awaited 16 Nov	
020	10 Aug 09	13 Aug 09	Burst Throughs - Exit Tapers				SW	Closed	

BAM Nuttall
 BAM 137A Cambridgeshire Guided Busway

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'Defect' Ref	Date		Details	NCR	BNL NCR		Owner	Comments
	Issued	Rec'd			Date	Date closed		
021	10 Aug 09	13 Aug 09	Guideway Survey Results	411 - 413 & 415	19 Aug 09	13 Oct 09	SW/JE	[redacted] talking; [redacted] to issue alignment to [redacted] to issue final findings by 20 Nov. Retrofit line to be produced
022	10 Aug 09	13 Aug 09	Keyworth Retaining Wall / Fence (DN)	373	31 July 09	13 Oct 09	JE	GG to check AWRS issue will deal with fence
023	8 Sept 09		Beam Alignment at Arbury	423	2 Sept 09	12 Nov 09	GR	Submit with design calcs and MDC 3 Nov
024	14 Oct 09	21 Oct 09	RGOV Lightweight Concrete Finish (see also DEF 46)	427	9 Sept 09	14 Oct 09	PA	To be remedied -ensure MS is in place
025	14 Oct 09	21 Oct 09	Oakington Maintenance Track Flooding	483	28 Oct 09		JE	Closed
026	14 Oct 09	21 Oct 09	Lack of Track Coat & Poor Sealant	428	9 Sept 09	13 Oct 09	SC	6 cores to be taken as arbiter
027	via e-mail 5 Oct 09	15 Oct 09	Topsoil Preparation and Seeding	473	23 Oct 09	27 Oct 09		Some areas have cut down weeds that have seeded and in some others this is not the case. Best treatment is to cut down and with continual maintenance the weeds will not return.
029	6 Oct 09	21 Oct 09	Tactile Paving Cracks	495	30 Oct 09	6 Nov 09	PA	Closed
032	24 Oct 09	26 Oct 09	Cycling Facilities at St Ives				JE/PA	Agreed remedies to dropped kerbs, sharp corner and light columns. Feeder Pillars to remain in-situ

Atkins 'Defects' Tracker (North) - 16 Nov 09

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Defect Ref	Date		Details	NCR	BNL NCR			Owner	Comments
	Issued	Rec'd			Date	Date closed			
033	6 Oct 09	21 Oct 09	Ticket Machine Plinths	377	31 Jul 09		JE/SW	Slot heights acceptable. Atkins consider some plinths need cosmetic finishes	
034	24 Oct 09	26 Oct 09	Guideway PCC Kerbs	484	28 Oct 09		PA	Kerbs realigned. There is an 80mm face showing will stabilise the kerbs when surfaced. Submit 3 Nov	
036	14 Oct 09	21 Oct 09	Segregation of 0-20 Unbound Material	464	12 Oct 09	26 Oct 09	JE	Maintenance track reworked to remove bony areas. Positive feedback from locals received	
037	14 Oct 09	23 Oct 09	Hydroseeding Operations	473	23 Oct 09	27 Oct 09	JE/PA	See DEF 027	
038	24 Oct 09	26 Oct 09	Shredded Rubber				SW	Report produced. JV to produce final RA for acceptance	
039	23 Oct 09		Lack of MOVA in Design	485	28 Oct 09		SW/PB	Closed - commercial issue	
043	12 Oct 09	15 Oct 09	Topsoil Landscaping at Arbury	474	23 Oct 09	3 Nov 09	GR	Topsoil placed to same level as guideway - NCR required. Hydroseeded and grass growing but now issue with drainage on guideway and overspill of soil.	
044	12 Oct 09	15 Oct 09	Landscape Works - Wk 165 Inspection	473	23 Oct 09	27 Oct 09	PA	See DEF 027. Revisit 2010 (?)	
045		27 Oct 09	Maint. Track levels below field level (see also 012)	299	24 Feb 09		SW	Still to resolve 16 Nov (see also 12)	

Atkins 'Defects' Tracker (North) - 16 Nov 09

Submitted for closure
 Closed

Defect Ref	Date		Details	NCR	BNL NCR			Owner	Comments
	Issued	Rec'd			Date	Date closed			
046	24 Oct 09	26 Oct 09	RGOV - Spalling Mortar, No Sealant etc	441 (?)	17 Sept 09		PA	Closed	
047	14 Oct 09	15 Oct 09	Guideway Kerb Settlement	486	28 Oct 09	3 Nov 09	JE	Closed	
048	14 Oct 09	21 Oct 09	Maintenance Track too Narrow	487	28 Oct 09		IA	Closed	
050	15 Oct 09	21 Oct 09	Topsoiling & Seeding				JE	See DEF 027. Revisit 2010 (?)	
052	21 Oct 09	23 Oct 09	Bus Stop Platform Falls				RA	BNL survey and push chair test results to be submitted. Risk assessments required	
053	21 Oct 09	23 Oct 09	Public Rights of Way - Crossings	488	28 Oct 09			RSA auditors had no issues with the crossings and stated that the paving supplied was preferable to horses. However paviers to be provided at crossings - in hand 2nd November	
054	21 Oct 09	23 Oct 09	Ponding Water at Meadow Ln	489	28 Oct 09			JV dealing with ponding in junction	
055	22 Oct 09	26 Oct 09	Histon Noise Barrier	490	28 Oct 09			Panels awaited to complete and as-built. ALPs being prepared anticipated by 30 Oct. Now issued. Meeting with B Menzies on 13/11/09 - agreed scope of works - works due to commence on Monday	

Atkins 'Defects' Tracker (North) - 16 Nov 09

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'Defect' Ref	Date		Details	NCR	BNL NCR		Owner	Comments
	Issued	Rec'd			Date	Date closed		
056	27 Oct 09	27 Oct 09	Topsoil Preparation and Seeding					See DEF 027. Revisit 2010 (?)
057	27 Oct 09	27 Oct 09	Non acceptance of Longstanton Park & Ride Design	491	28 Oct 09	11 Nov 09		HD 39 design code acceptable at St Ives. Code acceptable alternative in WI because it is cheaper and provides no lesser performance
058	27 Oct 09	30 Oct 09	Ponding at Longstanton Park & Ride	494	30 Oct 99	11 Nov 09		Inspection to confirm and then can be closed
059	28 Oct 09	30 Oct 09	LEM I - Lack of Water					MDC for extra ponds required. Can be closed
060	27 Oct 09	2 Nov 09	Platform Stops - Histon North					300mm step is less than 400mm height requiring a barrier. No barrier planned but a hedge is being planted. GG discuss with JRE
061	29 Oct 09	2 Nov 09	Pepys Terrace Noise Barrier					Barrier reviewed - the barrier is constructed the correct length and height. The planning drawing had a slight error with the position with an existing garage on the base map. mAwaiting reply from planners to confirm ok.
062	29 Oct 09	2 Nov 09	Anti Skid at Junctions	496	6 Nov 09			To be remedied
063	29 Oct 09	2 Nov 09	Street Lighting at Park Lane	497	6 Nov 09	Withdrawn	LM	Closed
064	29 Oct 09	2 Nov 09	Disabled bays at Longstanton P&R	498	6 Nov 09	Withdrawn		Closed
065	29 Oct 09	2 Nov 09	Over Cutting - Reduced Factor of Safety in the Design	499	6 Nov 09			GG - discuss with SW

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'Defect' Ref	Date		Details	NCR	BNL NCR			Owner	Comments
	Issued	Rec'd			Date	Date closed			
066	5 Nov 09	6 Nov 09	Chapman's Field Access	500	6 Nov 09			To be remedied	
067	10 Nov 09	not seen (draft)	Manhole Cover Levels					Submit - to be remedied	
068	6 Nov 09	10 Nov 09	St Ives P & R Planters					Inspection - trees were down at St Ives - too shallow, small root balls ? Alternative bracing put forward by [redacted] to be reviewed on 18/11/09 during landscape inspection	
069	10 Nov 09	not seen (draft)	Seeding and Topsoil						
070	4 Nov 09	5 Nov 09	St Ives P&R Design	501	6 Nov 09			Meeting 16 Nov - await outcome	
071	10 Nov 09	12 Nov 09	Longstanton P&R Site - Lack of Fencing					Submit with justification	
072	5 Nov 09	6 Nov 09	RGO Expansion Joint Failure & Design of Durability Compliance	502	6 Nov 09			Meeting held 17/11/09. JV put forward a solution - further detail to be worked up. Currently being rejected by Atkins.	
073	5 Nov 09	6 Nov 09	Culvert 264 - Minimum Width					Considered to be constructed iaw accepted design	
074	5 Nov 09	6 Nov 09	Guideway Alignment - Car Traps	503	6 Nov 09			To be remedied - work started 16/11/09	
075	6 Nov 09	11 Nov 09	TOS / AWRS Works Defects					Work in progress	
076	6 Nov 09	not seen (draft)	Planning Condition Discharge					Not seen	
077	6 Nov 09	not seen (draft)	Temporary Land Areas					Not seen	

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'Defect' Ref	Date		Details	BNL NCR			Owner	Comments
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078	6 Nov 09	not seen (draft)	Neighbouring Land Areas					Not seen
079	6 Nov 09	not seen (draft)	Land Issues General					Not seen
080	6 Nov 09	not seen (draft)	Maintenance Track - Ponding					Not seen
081	6 Nov 09	not seen (draft)	M & E Chambers					Not seen
082	6 Nov 09	not seen (draft)	Signs at St Ives P & R					Not seen
083								Not seen
084								Not seen
085								Not seen
086								
087								
088								
089								
090								
091								
092								
093								

Bell Gareth

From: Hughes Graham
Sent: 07 October 2010 16:00
To: Bell Gareth
Subject: FW: CGB - Steering Group Meeting 13 Nov Evening

From: Shingler, Alan [REDACTED]
Sent: 16 November 2009 17:53
To: [REDACTED]
Cc: Hughes Graham; Gould, John A; Selway, Ken; Menzies Bob; Benfield, David B; Whalley, Simon; [REDACTED]
Subject: CGB - Steering Group Meeting 13 Nov Evening

At the Steering Group meeting last Friday night, the following was discussed/requested/confirmed:

1. That we do not now have to split the northern section works to carry out defect correction works;
2. That we should add big D defect work to the programme where work in a physical sense is actually required;
3. That to the extent practical e.g. possibly grouping in sections, all snagging work should be added to the programme;
4. The Stagecoach have requested the use of the Park and Ride sites when these are ready should that be practically and contractually possible; and
5. A simple list of the short term resources required for the big D and snagging items (I have asked [REDACTED] if he can do this).

Can I ask you to action items 2/3 and to consider item 4 and discuss with Simon.

I am in London Tue to Thu so please call my mobile if you have any queries.

Thank you in anticipation.

Regards

Alan

Alan Shingler
Senior Contracts Advisor

BAM Nuttall Limited
[REDACTED]
[REDACTED]
[REDACTED]

e: [REDACTED]
w: www.bamnuttall.co.uk

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Bell Gareth

From: Hughes Graham
Sent: 07 October 2010 16:00
To: Bell Gareth
Subject: FW: Priority Guideway Finishing Programme
Importance: High
Attachments: SureTrak_ Priority Guideway Finishing Programme

From: Selway, Ken [REDACTED]
Sent: 10 November 2009 17:50
To: Hughes Graham; Gould, John A
Subject: FW: Priority Guideway Finishing Programme
Importance: High

KEEPING YOU INFORMED

From: [REDACTED]
Sent: 10 November 2009 08:25
To: Whalley, Simon; Selway, Ken; Ely, John; Shingler, Alan
Subject: Priority Guideway Finishing Programme
Importance: High

Dear All

At the commissioning meetings yesterday, the defects which affect the guideway itself and require work to be carried out were identified:

1. RGO Bridge – Joint Sealant and Repairs to concrete surfacing.
2. Car Traps – Problems identified at 3 junctions – Swavesey, Oakington and Longstanton.
3. Minor Beam Repairs
4. PQ Slab Repairs – Atkins Raised – yet to be agreed that work is required.

This list was agreed by Atkins in front of the client.

Following on from this we a meeting with [REDACTED] (CCC), [REDACTED] (CCC), [REDACTED] (Atk) and Phil Johnson (Atk) to discuss defects and more importantly the list above. The view from the meeting was that driver training could be run in parallel with the items above, by splitting the track into three sections:

1. St Ives P&R to Longstanton P&R
2. Longstanton P&R to St Ives P&R
3. Arbury Link

It became apparent during this meeting that no-one was clear as to what was going on in relation to the sectional agreement / driver training.

In the afternoon defects forum with Phil Johnson and [REDACTED] – Phil passed on the following message from David Benfield:

“The county will not accept the guideway until the guideway is defect free.” – by the guideway he clarified that he meant the concrete track.

In the meeting I agreed to produce a priority programme – which is attached to this email.

We appear to have reached an impasse.

19/10/2010

Therefore I have written the programme to allow driver training to be proceed in a section whilst repair works are carried out in another section. This would require driver training to go ahead prior to handover, and is obviously a change in our position.

This puts the pressure firmly back on the county:

- The public see the guideway in operation with buses using it.
- The bus operators will have expended a large amount of money training drivers which will have been wasted if the guideway is not opened at the end of November.
- It also allows us to fix the car traps which are currently seen as a possible show stopper.

I believe that by giving this ground we will push the county into a position were they have to take over the guideway at the end of November to run buses.

Regards

[REDACTED]
Agent
Cambridge Guided Busway
BAM Nuttall Limited

Office: [REDACTED]
fax: [REDACTED]
mobile: [REDACTED]

w: www.bamnuttall.co.uk

a: BAM Cambridgeshire Guided Busway, Unit 8, Hazlewell Court, Lolworth, Cambridgeshire CB23 8DS

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Priority Guideway Finishing Programme

Act ID	Description	Durn	Early Start	Early Finish	2009						
					NOV	NOV			DEC		
26	02	09	16	23	30	07					
A - Cambridge Guided Busway (N Section)											
AA - St Ives P&R to Longstanton P&R											
AA1 - Driver Training											
A1010	Open Section for Driver Training	1	10NOV09 A	10NOV09 A	Driver Training <input checked="" type="checkbox"/>						
A1020	Driver Training	7	10NOV09 *	18NOV09	Driver Training <input checked="" type="checkbox"/>						
AA2 - RGO Bridge											
A1040	RGO Bridge - Joint Sealant	2	19NOV09	20NOV09	Bridge - Joint Sealant <input type="checkbox"/>						
A1050	RGO Bridge - Concrete Repairs	5	19NOV09	25NOV09	Bridge - Concrete Repairs <input type="checkbox"/>						
A1060	RGO Bridge - Guttering System	5	19NOV09	25NOV09	Bridge - Guttering System <input type="checkbox"/>						
AA3 - Beam Repairs											
A1070	Beam Repairs	4	19NOV09	24NOV09	Beam Repairs <input type="checkbox"/>						
AA4 - PQ Slab Repairs											
A1080	PQ Slab Repairs ??	5	19NOV09	25NOV09	PQ Slab Repairs ?? <input type="checkbox"/>						
AA5 - Car Traps											
A1030	B1050 - Car Trap Repairs	5	19NOV09	25NOV09	B1050 - Car Trap Repairs <input type="checkbox"/>						
A1035	Swavesey - Car Trap Repairs	5	19NOV09	25NOV09	Swavesey - Car Trap Repairs <input checked="" type="checkbox"/>						
AA6 - Finishing List Works											
A1055	Finishing List Activities	12	09NOV09	24NOV09	Finishing List Activities <input type="checkbox"/>						
AB - Longstanton P&R to Milton Road											
AA1 - Driver Training											
A1045	Open Section for Driver Training	1	18NOV09	18NOV09	Open Section for Driver Training <input type="checkbox"/>						
A1090	Driver Training	5	19NOV09	25NOV09	Driver Training <input type="checkbox"/>						
AA3 - Beam Repairs											
A1100	Beam Repairs	4	10NOV09 *	13NOV09	Beam Repairs <input type="checkbox"/>						
AA4 - PQ Slab Repairs											
A1140	Agree if any PQ Slab Repairs are req.	3	09NOV09	11NOV09	Agree if any PQ Slab Repairs are req. <input type="checkbox"/>						
A1150	Carry out PQ Slab Repairs ??	5	12NOV09	18NOV09	Carry out PQ Slab Repairs ?? <input type="checkbox"/>						
AA5 - Car Traps											
A1110	Agree repair technique	2	09NOV09 A	09NOV09	Agree repair technique <input checked="" type="checkbox"/>						
A1120	Procure Repair Subcontractor	3	10NOV09	12NOV09	Procure Repair Subcontractor <input checked="" type="checkbox"/>						
A1130	Oakington - Car Trap Repairs	3	13NOV09	17NOV09	Oakington - Car Trap Repairs <input checked="" type="checkbox"/>						
AA6 - Finishing List Works											
A1250	Finishing List Activities	12	09NOV09	24NOV09	Finishing List Activities <input type="checkbox"/>						
AA7 - Noise Barrier											
A1260	Villa Place - Noise Barrier Adjustment	5	12NOV09 *	18NOV09	Villa Place - Noise Barrier Adjustment <input checked="" type="checkbox"/>						
AC - Arbury Link											
AA1 - Driver Training											
A1160	Open Section for Driver Training	1	18NOV09	18NOV09	Open Section for Driver Training <input type="checkbox"/>						
A1210	Driver Training	5	19NOV09	25NOV09	Driver Training <input type="checkbox"/>						
AA4 - PQ Slab Repairs											
A1170	PQ Slab Repairs ??	5	12NOV09	18NOV09	PQ Slab Repairs ?? <input type="checkbox"/>						
A1180	Seal Joints	2	12NOV09	13NOV09	Seal Joints <input type="checkbox"/>						
A1190	Agree if any PQ Slab Repairs are Req.	3	09NOV09 *	11NOV09	Agree if any PQ Slab Repairs are Req. <input type="checkbox"/>						
AA6 - Finishing List Works											
A1200	Finishing List Activities	8	09NOV09	18NOV09	Finishing List Activities <input type="checkbox"/>						
AD - Northern Section											
AA1 - Driver Training											
A1220	Open Full Guideway for Driver Training	1	25NOV09	25NOV09	Open Full Guideway for Driver Training <input checked="" type="checkbox"/>						
A1230	Full Length Route Familiarisation	2	26NOV09	27NOV09	Full Length Route Familiarisation <input checked="" type="checkbox"/>						
A1240	Complete Driver Training	0		27NOV09	Complete Driver Training <input checked="" type="checkbox"/>						



Project name	Priority Finish...
Report name	DEFAULT
Layout	Priority Finishing List
Filter	All activities
Data date	09NOV09
Run date	10NOV09
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Programme No
BAM 137a/rta/001

Bell Gareth

From: Hughes Graham
Sent: 07 October 2010 15:59
To: Bell Gareth
Subject: FW: CGB - Steering Group Meeting 13 Nov Evening

From: [REDACTED]
Sent: 17 November 2009 06:58
To: Shingler, Alan
Cc: Hughes Graham; Gould, John A; Selway, Ken; Menzies Bob; Benfield, David B; Whalley, Simon; [REDACTED]
Subject: RE: CGB - Steering Group Meeting 13 Nov Evening

Alan

In regards to items 2 and 3 below, I produced two programmes for the steering group on Friday:

- 1) First Programme - showing the Big D defect work where physical work is required and has been agreed.
- 2) Second Programme – showing all the snagging work which requires work on site from the inspection reports.

These will need regular updates as progress is made.

Please could you confirm whether anything else is required in respect to the programmes?

Regards

[REDACTED]
 Agent
 Cambridge Guided Busway
 BAM Nuttall Limited

Office: [REDACTED]
 fax: [REDACTED]
 mobile: [REDACTED]
 w: www.bamnuttall.co.uk

a: BAM Cambridgeshire Guided Busway, Unit 8, Hazlewell Court, Lolworth, Cambridgeshire CB23 8DS

From: Shingler, Alan
Sent: 16 November 2009 17:53
To: [REDACTED]
Cc: Hughes Graham; Gould, John A; Selway, Ken; Menzies Bob; Benfield, David B; Whalley, Simon; [REDACTED]
Subject: CGB - Steering Group Meeting 13 Nov Evening

At the Steering Group meeting last Friday night, the following was discussed/requested/confirmed:

1. That we do not now have to split the northern section works to carry out defect correction works;
2. That we should add big D defect work to the programme where work in a physical sense is actually required;
3. That to the extent practical e.g. possibly grouping in sections, all snagging work should be added to the programme;
4. The Stagecoach have requested the use of the Park and Ride sites when these are ready should

19/10/2010

that be practically and contractually possible; and

5. A simple list of the short term resources required for the big D and snagging items (I have asked [REDACTED] if he can do this).

Can I ask you to action items 2/3 and to consider item 4 and discuss with Simon.

I am in London Tue to Thu so please call my mobile if you have any queries.

Thank you in anticipation.

Regards

Alan

Alan Shingler
Senior Contracts Advisor

BAM Nuttall Limited

[REDACTED]
w: www.bamnuttall.co.uk

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Bell Gareth

From: Hughes Graham
Sent: 07 October 2010 16:00
To: Bell Gareth
Subject: FW: Use of the Northern part of the Works [TH-LITG.FID62164]

From: Selway, Ken [REDACTED]
Sent: 10 November 2009 15:11
To: Hughes Graham
Subject: FW: Use of the Northern part of the Works [TH-LITG.FID62164]

From: [REDACTED]
Sent: 10 November 2009 14:24
To: Whalley, Simon
Cc: Selway, Ken; Shingler, Alan; Fox, Steve
Subject: Use of the Northern part of the Works [TH-LITG.FID62164]

SENT FOR AND ON BEHALF OF KEN SELWAY AND TO BE FORWARDED TO GRAHAM HUGHES AND JOHN GOULD

Simon

In order for Cambridgeshire County Council (CCC) to use the northern part of the works, whether by takeover or by sectional completion, and in the best interests of the project, both parties and Atkins met today. The basis of that meeting, and the expectation at its conclusion on which certain actions were based, is that both parties and Atkins as Project Manager will adopt a proper and proactive approach to carrying into effect the actions listed below. These actions have been discussed and agreed between the parties and Atkins as being appropriate to and in the best interests of the project.

A core team for taking forward the agreed actions will be established consisting of Benfield/Whalley, Hughes/Shingler, Gould/[BAM Engineering support] and [REDACTED]/Johnston

The agreed actions are as follows

1. A single defect list is to be produced with the top half being populated by those works which CCC require to be cleared before an agreement for use can be finalised (currently identified by "DEF" references). The bottom half of that list shall be populated by other works currently characterised as snagging.
2. The core team shall identify the current position and necessary actions to close all of the works in the top half of the list
3. Actions 1 and 2 are to be completed by close of business on Wednesday 11 November 2009
4. A resourced programme to an agreed level of detail shall be produced for the completion of all works to the northern part of the Works. This is to be completed by close of business on 13 November 2009
5. All works in the top half of the list shall be closed by close of play on 13 November 2009 (this will include but is not limited to issues such as shredded tyres, alignment, foundations and joints)
6. Ken Selway shall, as appropriate, take over the role of Alan Shingler in the core team from 17 November 2009

I trust that the above actions and their purpose is clear and, in light of the timescales involved, if anything is not clear please could you raise it with me today. I hope and intend that these actions put in place a mechanism to allow busses to start running before the end of the month.

19/10/2010

Kind regards

Ken Selway

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Bell Gareth

From: Hughes Graham
Sent: 07 October 2010 16:01
To: Bell Gareth
Subject: FW: Steering Group Meeting 8 Oct - Technical & Approval Issues Rev 7
Attachments: Risk to N Section Completion2 AHS Rev 7.doc

From: Shingler, Alan [REDACTED]
Sent: 12 October 2009 16:55
To: Hughes Graham
Cc: Gould, John A; Selway, Ken; Menzies Bob; Benfield, David B; Whalley, Simon; Ely, John; [REDACTED]
Subject: Steering Group Meeting 8 Oct - Technical & Approval Issues Rev 7

Graham

Further to the Steering Group meeting of Thursday, 8 Oct, I attach herewith an updated Technical and Approval Issues Rev. 7 schedule that I trust is an accurate record of discussions at and actions arising out of the meeting.

Regards

Alan

Alan Shingler
Senior Contracts Advisor

BAM Nuttall Limited
[REDACTED]
[REDACTED]

w: www.bamnuttall.co.uk

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Cambridgeshire Guided Busway

Technical and Approval Issues Relating to Northern Sectional Completion

Meeting 8 October 2009

Rev. 7 - 19/10/2010

No	Risk	Detail	Action	Owner
1	Sectional Completion Supplement Agreement	Definite window for concluding agreement needs to be identified – consider 56 days notice period.	Discussed at the end of the meeting between G Hughes, J Gould and A Shingler after R Menzies, D Benfield and S Whalley had left. It was decided that a form of words would be sought that satisfied both CCC and BAM Nuttall and that both parties would work as directed by B Smith (CCC) and S Fox (BAM Nuttall)	CCC/BAMN
2	Maintenance track level	Maintenance track below surrounding ground level. Continuation of the design will lead to silting in areas that used to be railway drainage ditches. Revised FRA submitted with some areas increased in height by 300mm.	A meeting was to be arranged a.s.a.p which [redacted] of the designer would attend to review the areas in question (circa 6 No.) and to see what the solution might be.	CCC/Atk/ BAMN
3	Guideway Foundations	Settlement calculations not provided. Detailed projected settlement calculations required in accordance with HD22. Particular emphasis is required on the transition zones between soil type and foundation types where differential movement is expected	An updated geotechnical report has been provided by BAM Nuttall [redacted] that addresses the Atkins' concerns. Atkins are to review the updated report and respond as necessary before or at the next Steering Group meeting scheduled for 9.00 a.m. on Thu, 15 Oct.	Atkins
4	Guideway Tolerance	The question of Guideway alignment needs to be resolved. BAM Nuttall Comment	BAM Nuttall were to provide further information relating to the calculation method to be adopted to ensure that the guideway complied with the DMRB alignment. To be provided by c.o.b 9 Oct.	BAMN

Technical and Approval Issues Relating to Northern Sectional Completion

Meeting 8 October 2009

Rev. 7 - 19/10/2010

No	Risk	Detail	Action	Owner
		<p>The alignment is a function of a DMRB designed HA/VVA that is dictated by design speeds and the need for a good ride quality. The alignment need not be an absolute merely comply with the DMRB and is adjustable if there is localized settlement.</p>	<p>BAM Nuttall were to provide setting out information for Atkins to check to ensure the accuracy of the information being used for the DMRB alignment. This information would include the junctions depending upon the form of the information recorded. BNL to confirm when info can be provided</p>	BAMN
5	Rubber tyre infill	<p>Rubber infill susceptible to fire. Adequacy of risk assessments questioned. <u>BAM Nuttall Comment</u> The risk assessment was agreed with the Fire Brigade: namely dig out the tyres at each end of the fire to provide a break and then extinguish using foam.</p>	<p>The criteria for an acceptable risk assessment have been set out by Atkins in a recent letter that Atkins undertook to email to BAM Nuttall by c.o.b 8 Oct. BAM Nuttall are to identify a competent person for consideration by Atkins – by c.o.b. 12 Oct if possible. Production of a risk assessment fulfilling Atkins' preferred criteria to be produced a.s.a.p.</p>	<p>Atk BAMN BAMN</p>
6	Not used			
7	Texture	<p>BNL design requires guideway texture. <u>BAM Nuttall Comment</u> The specification in the works information does not provide the texture that the buses need for stopping. An instruction is needed changing the works information.</p>	<p>BAM Nuttall have identified a spec. to which they intend to work which has been forwarded to Atkins. It is anticipated that trials will take place during the coming week. Atkins to comment by c.o.b on Fri, 9 Oct.</p>	Atkins

Cambridgeshire Guided Busway

Technical and Approval Issues Relating to Northern Sectional Completion

Meeting 8 October 2009


Rev. 7 - 19/10/2010

No	Risk	Detail	Action	Owner
8	Noise Barrier		This work is now largely complete.	
9	Fencing	Planning condition discharge.	No issues from SCDC.	
10	Lighting discharge	Some concern on fixing cover.	BAM Nuttall [redacted] has been informed by email from [redacted] (SCDC) that this condition was not discharged by the planning committee on 7 Oct. This was due to a difference in the number of street lighting columns at the Histon bus stop to what is shown on the PC3 drawing for this stop.	Atk/BAMN
11	IDB & EA Consent	Issues with maintenance need resolution before formal sign off.	Hunts DC have responded by email confirming that they have misplaced the drainage consent documents. A new set is being sent and HDC will contact BAM Nuttall in due course.	BAMN
12	Not Used			
13	Commissioning/Handover Strategy	To be dealt with as a subject and not as part of the Technical and Approval Issues.	Further discussion is to take place concerning the format required by Atkins with a view to having an agreed format in place before the next Steering Group meeting in order that the format could be used for the monitoring of the final stages of the northern section completion works.	Atkins/BAMN
14	Not Used			

Technical and Approval Issues Relating to Northern Sectional Completion

Meeting 8 October 2009

Rev. 7 - 19/10/2010

No	Risk	Detail	Action	Owner
15	St Ives P & R Surfacing	HD39 accepted as a contractor's proposal in lieu of HD24 design standard	Calculations sent to Atkins (MM). CCC/Atkins have expressed concern over the "ponding" of water in the car park. BAM Nuttall is to investigate and confirm a solution.	Atkins BAMN
16	St Ives- Longstanton	Earthworks failure risk (500m)	Atkins to confirm if there is anything outstanding concerning this issue.	Atkins
17	St Ives Methane	Atkins are of the view that the design is too conservative.	This item is now seen as a commercial issue. It still needs to be resolved as it is still a potential defect. More information is needed as to why the membrane was provided and this will require a review of the contract. BAM Nuttall (JE) are to seek comments from the Design JV (RG).	Atkins/BAMN BAMN
18	Not used			
19	Not used			
20	Bus Stop Lighting	Oakington Bus Lighting calculations not supplied.	The level of illumination is considered by CCC to be too bright. CCC are to discuss with Atkins 	CCC/Atk
21	Longstanton P & R.	The pavement HD39 is a value	A difference exists between CCC and BAM	

Cambridgeshire Guided Busway

Technical and Approval Issues Relating to Northern Sectional Completion

Meeting 8 October 2009

Rev. 7 - 19/10/2010

No	Risk	Detail	Action	Owner
		engineering solution.	Nuttall as to whether the commercial arrangement agreed for St Ives should apply to Longstanton.	CCC/BAMN
22	Not Used			
23	Burst-Throughs	Issues with exit flares	BAM Nuttall are to confirm when the final adjustment completion has been achieved and advise CCC	BAMN
24	Not used			
25	Defects – (Non-Conformities?)	A number of defects remain to be closed out by reference to the Atkins defect Schedule Segregation of the maintenance track surface in certain areas.	BAM Nuttall is to provide Atkins with its list of non-conformities. BAM Nuttall confirmed that this would be rectified as work proceeded.	BAMN BAMN
26	TOS/Accommodation Works obligations	3rd party confirmation that Obligation has been dealt with is outstanding.	<ol style="list-style-type: none"> 1. Hand back of temporary land parcels – all landlords to be written to in the coming week with request to sign exit certificates. 2. Accommodation works – all third parties to be written to in the coming week with certificate to confirm they are happy that all works have been satisfactorily carried out. 3. Transferred obligations schedules – BAM 	

Cambridgeshire Guided Busway

Technical and Approval Issues Relating to Northern Sectional Completion

Meeting 8 October 2009

Rev. 7 - 19/10/2010

No	Risk	Detail	Action	Owner
			Nuttall to write to CCC stating that BAM Nuttall have fulfilled all transferred obligations and requesting CCC's of this.	BAMN
27	RSA Stage 3 report recommendations	Recommendations (other than Exceptions) carried out after Sectional Completion	RSA 3 is in hand. The RSAs are incorporated in the programme.	Atkins/BAMN
28	Not used			
29	Other minor issues on drawings	This issue relates to and will be dealt with as part of the outstanding drawing approvals.	Certificate 586 resubmitted under Certificate 733 on 2 October 2009.	Atkins
30	Not used			
31	Pavement from Park Lane to Milton Road	Order to be placed by CCC with BAM Nuttall for surfacing the maintenance track from Park Lane to Milton Road.	Atkins (JG) to send the scope, specification and terms and conditions of the separate order to BAM Nuttall (KS). BAM Nuttall (SW/JE) are to consider the possible programme for this work and report back to the Steering Group.	Atkins BAMN

Cambridgeshire Guided Busway

Technical and Approval Issues Relating to Northern Sectional Completion

Meeting 8 October 2009

Rev. 7 - 19/10/2010

No	Risk	Detail	Action	Owner
32	Outstanding Design Approvals	<p>Atkins (DB) have expressed concern that this section does not reflect the true status of the drawing approvals and accordingly the actions as at the date of the Steering Group Meeting.</p> <p>BAM.137A/C5/1/328 - Proposed Revision to App 7/1</p> <p>BAM.137A/C5/1/385 - App 7/1</p> <p>BAM.137A/C5/1/435 - Longstanton Platform Report</p> <p>BAM.137A/C5/1/498 - St Ives P&R Construction Details</p> <p>BAM.137A/C5/1/502 - St Ives P&R Geotech Report Sect 8.7.</p> <p>BAM.137A/C5/1/505 - Cross Sections Chg 5150 & 5850</p> <p>BAM.137A/C5/1/507 - St Ives P&R</p>	<p>Accordingly, BAM Nuttall undertook to arrange for this part of the issues schedule to be updated to reflect the position (from BAM Nuttall's understanding) on the Wednesday evening before each Steering Group Meeting.</p> <p>For these notes, the actions have been removed until this latest updated information is incorporated/provided</p> <p>The question of outstanding approvals is being progressed between Atkins (PJ) and BAM Nuttall (PH).</p> <p>Re-submitted as Cert. 385.</p> <p>Responded to 25 July 2008 but proposed revisions not proceeded with.</p> <p>Designer responded on 14 July 2008.</p> <p>Designer responded on 23 October 2008.</p> <p>Designer responded on 26 September 2008</p> <p>Designer responded on 8 October 2009</p> <p>Designer responded on 8 September 2008.</p>	

Cambridgeshire Guided Busway

Technical and Approval Issues Relating to Northern Sectional Completion

Meeting 8 October 2009

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No	Risk	Detail	Action	Owner
		Environmental Assessment		
		BAM.137A/C5/1/544 - Guideway X Sections	Designer responded on 3 December 2008.	
		BAM.137A/C5/1/545 - Departure LGSTN/01	Designer's response outstanding – Departure no longer required?	
		BAM.137A/C5/1/553 - Alignment Ch2300-5080	Designer responded on 12 October 2009.	
		BAM.137A/C5/1/561 - Earthworks X Sects	Designer responded 8 January 2009.	
		BAM.137A/C5/1/563 - RGO Sheet Pile Ret Wall	Designer responded 11 December 2008.	
		BAM.137A/C5/1/564 - RGO Sheet Pile Ret Wall	Checker Certificate for Cert. 563 – No response required.	
		BAM.137A/C5/1/569 - Foundation Levels	Designer's response outstanding.	
		BAM.137A/C5/1/585 - Longstanton P&R	Designer responded on 2 March 2009.	
		BAM.137A/C5/1/586 - LEM Landscape Design –	Designer responded on 2 March 2009.	
		BAM.137A/C5/1/587 - Geotechnical Report Vol 1 & 2 + Annex 4	Designer responded on 4 June 2009.	
		BAM.137A/C5/1/608 - Arbury Link –	Designer responded on 25 February 2009. Re-submitted under BAM.137A/C5/1/701.	
		BAM.137A/C5/1/631 - Longstanton P&R Revised Design	Designer responded on 25 February 2009. Re-submitted under BAM.137A/C5/1/701.	

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Meeting 8 October 2009

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No	Risk	Detail	Action	Owner
		<p>BAM.137A/C5/1/670 - Longstanton P&R Revised Design</p> <p>BAM.137A/C5/1/672 - Meadow Lane Planting</p> <p>BAM.137A/C5/1/693 - St Ives P&R Bus Platform Kerbs</p>	<p>Designer's response outstanding. Revised drawings to be re-submitted.</p> <p>Designer responded on 25 February 2009. Re-submitted under BAM137A/C5/1/707.</p> <p>Designer responded on 8 July 2009.</p>	

Bell Gareth

From: Hughes Graham
Sent: 07 October 2010 16:01
To: Bell Gareth
Subject: FW: Risk Assessment

-----Original Message-----
From: Whalley, Simon
Sent: 09 October 2009 10:50
To: Hughes Graham; Gould, John A; Selway, Ken; Shingler, Alan
Cc: Benfield, David B; Menzies Bob
Subject: RE: Risk Assessment

David,

Can I have a copy of the letter, please.

Regards,

Simon Whalley
Project Manager
BAM Nuttall Ltd
Cambridgeshire Guided Busway

t: [REDACTED]
f: [REDACTED]
e: [REDACTED]
w: www.bamnuttall.co.uk
a: CGB, Site Offices, Station Road, Longstanton, Cambs CB24 3DS

-----Original Message-----
From: Hughes Graham
Sent: 08 October 2009 21:50
To: Gould, John A; Selway, Ken; Shingler, Alan
Cc: Benfield, David B; Menzies Bob; Whalley, Simon
Subject: Risk Assessment

Dear all

As discussed earlier, John and I reviewed David's letter earlier to confirm that the requirements for the Risk Assessment are clearly stated, which in our view, they are. David has now issues this letter. It is clear that this is an issue that is now critical if we are to achieve a handover of the guideway as planned. Significant progress is therefore needed by the next steering group.

Thanks

Graham
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Bell Gareth

From: Hughes Graham
Sent: 07 October 2010 16:02
To: Bell Gareth
Subject: FW: Follow up from this morning

From: Hughes Graham
Sent: 30 October 2009 15:10
To: Selway, Ken; 'Gould, John A'; Whalley, Simon; 'Shingler, Alan'; 'Benfield, David B'; Menzies Bob
Subject: Follow up from this morning

Ken/John

Following the meeting this morning, I thought it would be helpful to capture the key points discussed with reference to the comprehensive Defects table and using the defect numbers noted there:

- 1 - Phil Johnstone will prepare a complete list of defects by Monday night assuming all of the certificates are received from BNL by tonight;
- 2 - Phil Johnstone and [REDACTED] will work together on a daily basis thereafter to close out as many of the issues as possible;
- 3 - Def006 - Phil Johnstone will let your [REDACTED] know the format the comparative alignment information is needed in (the file supplied this morning is not sufficient) and you will instruct your designers to prepare the information for Phil by close of Play Monday;
- 4 - Def009 - the JV will provide the required information and calculations on Monday
- 5 - Def014 - The JV are to prepare a full report on the cause of the cracks to Phil Johnstone next Monday;
- 6 - Def016 - whilst we have received some information on this, further information to satisfy us is required asap;
- 7 - Def017 - we expressed our concern over the small areas of patching taking place. As it will rain this w/e we will look at the levels of ponding and further remedial action may then be required;
- 8 - Def033 - the initial action is for Bob to look at whether a dispensation can be granted;
- 9 - Def038 - we await the risk assessment that is due today;
- 10 - Def045 - David Benfield will respond to this by next Thursday;
- 11 - Def52 - the buggy test was noted, but it was agreed that the JV should produce a full risk assessment for each of the stops asap;
- 12 - Def053 - the comments made by you were noted but it was also agreed that remedial action to remove the 'small steps' is needed;

It is also worth reiterating that we agreed that before we can consider buses running on the guideway, all substantial defects need to be resolved and all other known defects need to be programmed for resolution.

Thanks

Graham

Bell Gareth

From: Hughes Graham
Sent: 07 October 2010 16:02
To: Bell Gareth
Subject: FW: High Level Commissioning Programme Rec 8.10.09.doc

From: Hughes Graham
Sent: 11 October 2009 20:45
To: 'Benfield, David B'; Selway, Ken; Gould, John A
Cc: Shingler, Alan; Whalley, Simon; Mulroe, Martin J
Subject: RE: High Level Commissioning Programme Rec 8.10.09.doc

Thanks David - can you work with Simon et al to ensure we have an agreed programme to monitor for the next Steering Group this week.

Graham

From: Benfield, David B [REDACTED]
Sent: 11 October 2009 13:00
To: Hughes Graham; Selway, Ken; Gould, John A
Cc: Shingler, Alan; Whalley, Simon; Mulroe, Martin J
Subject: High Level Commissioning Programme Rec 8.10.09.doc

Gents

Kindly find attached my teams comments on the programme submitted on Thursday to assist in the progress tracking of the commissioning phase. My view is that the programme contains far too much detail in some areas (for example the bus priority issue that could be represented with a single bar - if it is critical) and too little information in other key areas. The certification process has also not been sub-divided as suggested.

I attach a summary sheet, but believe that a substantial re-work is required if it is to be used as an effective tracker. The original example is included for ease of reference.

Please come back to me if you need more information.

David

<<Programme Rec 9.10.09.doc>> <<Microsoft Office Project - Commissioning.tif>>

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13/10/2010

Bell Gareth

From: Hughes Graham
Sent: 07 October 2010 16:01
To: Bell Gareth
Subject: FW: Northern Section Completion Agreement

From: Shingler, Alan [REDACTED]
Sent: 01 October 2009 18:04
To: Mulroe, Martin J
Cc: Hughes Graham; john.gould [REDACTED]; Selway, Ken; Whalley, Simon; [REDACTED]
Subject: Northern Section Completion Agreement

Martin

At the Steering Group meeting this morning, G Hughes informed us that [REDACTED] of BDB had forwarded to [REDACTED] (Trowers) suggested amendments to Rob's simple CGB takeover agreement that I think was given to CCC/Atkins sometime last week.

I have spoken to [REDACTED] and he has informed me that [REDACTED] had informed him that the Trower's proposal was not acceptable. BDB are intending to update your original suggestion of amending the contract CDPO. This amendment was/is to be done not by [REDACTED] but by a lawyer from BDB's non-contentious arm.

As you are aware, we are not prepared to sign up to any agreement that amends the contract as we believe that this has the potential to lead to serious difficulty for both CCC and us in the future.

Given that the question of an agreement is of considerable importance to CCC, can I suggest that we meet in London on Monday (5 Sep) at either BDB's or Trower's offices (at around midday for as long as it takes) and thrash this question out. Attendees from our side would be [REDACTED] and I and from your side presumably you and the "non-contentious" lawyer from BDB.

Can I ask you to confirm by return that this is possible?

Regards

Alan

Alan Shingler
Senior Contracts Advisor

BAM Nuttall Limited
[REDACTED]
[REDACTED]

w: www.bamnuttall.co.uk

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