From: To: Cc: Subject: Date: Attachments:	A702 Clydes Rail - Road Safety Audit Report 16 February 2017 10:51:50
Please see attac	ned Stage 3 Road Safety Audit Report for the above scheme.
Regards,	
6 Redheughs Rig	g South Gyle Edinburgh EH12 9DQ
?	
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Road Safety Audit Stage

3

A702 Clydes Rail Joint
Replacement Works
RSA/17/001/RSA3 /Final

February 2017





Document Control Sheet

Project Name:	A702 Clydes Rail Joint Replacement Works	
Project Number:	RSA/17/001/RSA3	
Report Title:	Road Safety Audit Stage 3	
Report Number:	Final	

Issue Status/Amendment	Prepared	Reviewed	Approved
Final			
Rev A – wording altered following client comments			
	Name:	Name:	Name:
	Signature:	Signature:	Signature:
	Date:	Date:	Date:
	Name:	Name:	Name:
	Signature:	Signature:	Signature:
	Date:	Date:	Date:

Project Name A702 Clydes Rail Joint Replacement Works

Document Title Road Safety Audit Stage 3



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	1.1	Commission and Terms of Reference	. 1
	1.2	Purpose of the Highway Scheme	. 2
2	Iten	ns Raised at This Stage 3 Audit	3
3	Aud	it Team Statement	4

Appendix A List of documents used

Figures

No table of figures entries found.

Tables

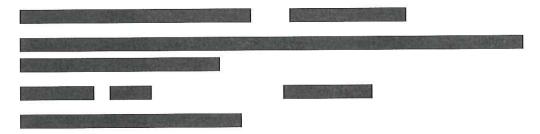
No table of figures entries found.



1 Introduction

1.1 Commission and Terms of Reference

- 1.1.1. This report results from a Stage 3 (Completion of Construction) Road Safety Audit (referred to as a Stage 3 Audit) carried out on the following scheme: replacement of the existing Type 6 joints with Permatrack H Asphaltic Plug Joints.
- 1.1.2. The Audit was undertaken at the request of the Designer, Amey on behalf of the client Transport Scotland.
- 1.1.3. The Stage 3 Audit comprised an examination of the documents forming the Audit Brief and an inspection of the site during both daylight and the hours of darkness on the 8th February 2017 when the weather was overcast and dry. The documents forming the Audit Brief were provided by the Design Organisation and are listed in Appendix A.
- 1.1.4. The approved Audit Team membership is as follows:



- 1.1.5. A Stage 2 Road Safety Audit has been undertaken on the scheme.
- 1.1.6. The Terms of Reference are described in the Design Manual for Roads and Bridges document HD 19/15 'Road Safety Audit'.
- 1.1.7. The Audit Team has examined and reported only on the road safety implications of the proposed scheme as presented and has not examined or verified the compliance of the design to any other criteria. The audit has been carried out on the layout and does not comment on any other aspects of the scheme. The scheme has been examined and this report compiled only with regard to the safety implications for road users of the scheme as presented. It has not been examined or verified for compliance with any other Standards or criteria. However, in order to clearly explain a safety problem or the recommendation to resolve a problem, the Audit Team may on occasion have referred to a design standard for information only. Any audit comments should not be construed as implying that a technical audit has been undertaken in any respect.
- 1.1.8. Section 2 of this report describes the safety issues identified in the Stage 3 Audit together with recommendations for improvement to either remove or reduce the associated risk in connection with this temporary traffic management proposal.

Project Name A702 Clydes Rail Joint Replacement Works

Document Title Road Safety Audit Stage 3



- 1.1.9. Any recommendations included within this report should not be regarded as being prescriptive design solutions to the problems raised. They are intended only to indicate a proportionate and viable means of eliminating or mitigating the identified problem and in no way imply that a formal design process has been undertaken. There may be alternative methods of addressing a problem which would be equally acceptable in achieving the desired elimination or mitigation and these should be considered when responding to this report.
- 1.1.10. If any Problem or Recommendation is not accepted a signed Exception Report is to be approved by the Director. A copy of the signed Exception Report is to be sent to the audit Team Leader for record keeping purposes.

1.2 Purpose of the Highway Scheme

- 1.2.1 The A702 crosses over the West Coast Mainline at structure A702-20 Clydes Rail Bridge near Abington in South Lanarkshire. There are currently two Type 6 expansion joints on the structure, one either side. The carriageway crosses the structure at a skewed angle resulting in elongated expansion joints with alignments skewed to the direction of travel. The skewed angle of the joints to the direction of travel, and the profile of the existing joints have been cited in recent claims by cyclists, as a hazard leading to accidents when crossing the bridge Northbound.
- 1.2.2 It is proposed to replace the existing Type 6 joints with Permatrack H Asphaltic Plug Joints. These new joints will remove any channelling effect of the bridge joints and therefore removing the risk posed to cyclists crossing the bridge.

Project Name A702 Clydes Rail Joint Replacement Works

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2 Items Raised at This Stage 3 Audit

No Problems were identified

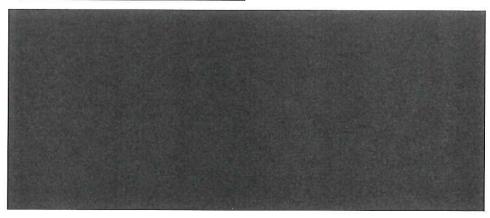
End of Problems raised in this Stage 3 Road Safety Audit



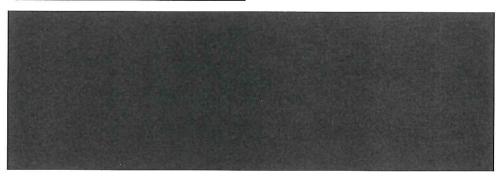
3 Audit Team Statement

We certify that this Road Safety Audit has been carried out in accordance with HD 19/15

ROAD SAFETY AUDIT TEAM LEADER



ROAD SAFETY AUDIT TEAM MEMBER



Project Name A702 Clydes Rail Joint Replacement Works

Document Title Road Safety Audit Stage 3



Appendix A

List of documents used

Drawing No.	Revision	Title
15/SE/1201/032/002	C1	Replacement Joint Layout and Details
15/SE/1201/032/003	C1	Joint Replacement, Surfacing and Kerb Reinstatement Phasing

Road Safety Audit Brief dated 24 January 2017

From: To: Subject:

Attachments:

RE: FOI/16/00229 image001.jpg

image002.jpg image003.png



Our OCCR Supervisor has again checked and confirms we have no complaints or defects reported for that section of the A702 (since last time).



6a Dryden Road | Bilston Glen Industrial Estate | Loanhead | EH20 9LZ

From: @transport.gov.scot [mailto: transport.gov.scot]

Sent: 16 February 2016 11:15

To:

Cc: @transport.gov.scot Subject: RE: FOI/16/00229

Hi Marian,

Many thanks for that, following our discussion grateful if you can confirm if there are any complaints registered in respect of the A702 20 Clydes Rail Bridge to Culvert A702 20 C30.

Best regards,





Freedom of Information Officer

Trunk Road and Bus Operations Directorate

Tel.

Transport Scotland

Buchanan House 58 Port Dundas Road

Glasgow G4 0HF

For agency and travel information visit our website

Please consider the environment before printing.

From: [mailto: amey.co.uk]

Sent: 16 February 2016 10:27

To: Cc:

Subject: RE: FOI/16/00229

Just back after some odd days off and trying to get my head round where we are with this one. Touch of Deja-Vu. Attached are a couple of exchanges; parts of a thread from back in July – the response then was that we could find nothing of significance to their enquiry and that's unchanged. Just let me know if you need me to undertake further digging through my files.
South East Trunk Road Unit amey.co.uk South East Trunk Road Bilston Glen Industrial Estate Loanhead EH20 9LZ
From:
Many thanks, I have an update from bridges and will advise in the response to the applicant.
Best regards,
Trunk Road and Bus Operations Directorate Tel: Transport Scotland Buchanan House 58 Port Dundas Road Glasgow G4 0HF For agency and travel information visit our website
Please consider the environment before printing.
From:

For your information.

Warning signs are to be erected next week to advise cyclists of the bridge joint. Regards Consulting, Rail and Strategic Highways Amey — Scotland South East Unit amey.co.uk 6a Dryden Road | Bilston Glen Industrial Estate | Loanhead | Edinburgh | EH20 9LZ ? ? ? Target Zero Let's make it happen together @transport.gov.scot [mailto: transport.gov.scot Sent: 12 February 2016 16:35 To: transport.gov.scot Cc: Subject: RE: FOI/16/00229 Hi Didn't manage to get round to phoning you this week, can you check Amey's records, that you have, for any complaints about this particular stretch of road. I am asking colleagues to check the accident stats to see for the stretch of road. I'm aware that Amey and bridges section are in discussion about the bridge itself. Best regards, Trunk Road and Bus Operations Directorate Tel: Transport Scotland **Buchanan House** 58 Port Dundas Road Glasgow G4 0HF For agency and travel information visit our website Please consider the environment before printing.

amey.co.uk]

From:

Morning

To:

Sent: 09 February 2016 09:01

Subject: RE: FOI/16/00229

Only in briefly this morning but we've responded in some detail, to this or an identical one, in the fairly recent past.

I'll look out what we sent previously and get back to you tomorrow.

I'm not sure what we'd be able to dig out back to January 2000 – with respect, have to suggest that 16 years Data is excessive and unreasonable.

However, the OC's don't hold 'details of accidents' (cycle or otherwise)



6a Dryden Road | Bilston Glen Industrial Estate | Loanhead | EH20 9LZ

From: Paul.Winn@transport.gov.scot [mailto:Paul.Winn@transport.gov.scot]

Sent: 05 February 2016 13:30

To: Dick, Graham

Cc: Andrew.Cooper@transport.gov.scot; Gillian.McCole@transport.gov.scot; Phil.Hinchliff@transport.gov.scot; Jonathan.Moran@transport.gov.scot

Subject: FOI/16/00229



Please see below FOI/16/00229 from the applicant in relation to the A702 Clydes Rail Bridge. I would be grateful if you could provide the information requested below

I would be grateful if you could provide a response by C.O.P February 19th. has said that he will call you about this on Monday.



FREEDOM OF INFORMATION (SCOTLAND) ACT 2002

We are making a request under the above Act for information relating to A702 20 Clydes Rail Bridge to Culvert A702 20 C30.

In particular, we require the following information:-

- 1. Information including sight of any written or electronic communication detailing any cycle accidents on this stretch of road.
- 2. Information including sight of any written or electronic communication detailing any previous complaints reported to the council about the surface condition on the bridge.
- 3. Information including sight of any written or electronic communication detailing any provisions for cyclists to cross this bridge in a safe manner.

We would also request any photographs held relating to the above requested information.

We request the above information from January 2000 to date

Regards





Trunk Road Network Administration Team Trunk Road and Bus Operations

T:

Transport Scotland Buchanan House 8th Floor North 58 Port Dundas Road Glasgow G4 0HF

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Transport Scotland, the national transport agency Còmhdhail Alba, buidheann nàiseanta na còmhdhail

Strike it Out: preventing bridge strikes

Plan your route to avoid low bridges www.freightscotland.org/lowbridges or 0800 028 1414

Do not rely upon SAT NAV - it may not hold accurate bridge height information.

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Tha am post-d seo (agus faidhle neo ceanglan còmhla ris) dhan neach neo luchd-ainmichte a-mhàin. Chan eil e ceadaichte a chleachdadh ann an dòigh sam bith, a' toirt a-steach còraichean, foillseachadh neo sgaoileadh, gun chead. Ma 's e is gun d'fhuair sibh seo le gun fhiosd', bu choir cur às dhan phost-d agus lethbhreac sam bith air an t-siostam agaibh, leig fios chun neach a sgaoil am post-d gun dàil.

Dh'fhaodadh gum bi teachdaireachd sam bith bho Riaghaltas na h-Alba air a chlàradh neo air a sgrùdadh airson dearbhadh gu bheil an siostam ag obair gu h-èifeachdach neo airson adhbhar laghail eile. Dh'fhaodadh nach eil beachdan anns a' phost-d seo co-ionann ri beachdan Riaghaltas na h-Alba.

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From: To: Cc: Subject: Attachments:	RE: FOI/15/00106 Incident Report Form .pdf
BEAR received a claim vi	ill from, SE Area Manager, on the 8/7/14. This was investigated by the Bridges team and found that the ion. Our initial thoughts were that the joint was faulty. There was some discussion at the time regarding warning signs as a South Lanarkshire Council on the 12/8/14 from a that BEAR was going to take forward. before this there had never been any similar issues to our knowledge and I have been involved in the maintenance of
caught in the seriously. He cycled carefu threw her side other similar i	all from a) concerning cycle his location. She reported that her husband's front bicycle wheel gap of the 'strengthener'(sic) and he fell off, injuring himself not too picked himself up and warned his wife of the situation and she lly over the strengthener but still her back bicycle wheel caught and eways. She informed me that she understood that there had been incidents at this location. There was light rain at the time of her and s incidents which she intimated had exacerbated the situation.
fine as the ga	ports that there are two 'strengtheners' on or for the bridge. One is up is not too wide but the other has too wide a gap which allows is to be caught in the groove/gap.
Please can yo taken a flier a him. Thanks	email address. If it is incorrect, please pass this email to
Regards	
	Fransport Scotland, Buchanan House, 58 Port Dundas Road, Glasgow,G4 OHF.
	tland Welcomes the World find out more click here
Incident form f	rom South Lanarkshire attached

Email from following claim. As he

intimates this was previously checked following initial email. As has been discussed previously, the joint on this bridge is a standard EIMR bridge joint that is in a good condition. There is no defect at the joint. Regards, Please let me know if you require any further information Regards | Consulting, Rail and Strategic Highways Amey - Scotland South East Unit @amey.co.uk 6a Dryden Road | Bilston Glen Industrial Estate | Loanhead | Edinburgh | EH20 9LZ ? ? ? Target Zero Let's make it happen together From: @transportscotland.gsi.gov.uk @transportscotland.gsi.gov.uk] Sent: 09 February 2015 16:31 To: Cc: @transportscotland.gsi.gov.uk; @transportscotland.gsi.gov.uk; @transportscotland.gsi.gov.uk Subject: RE: FOI/15/00106

Grateful if you can confirm that you do not hold any complaints or call logs predating 16 August 2014. I would have thought that these records should have been transferred over by the previous operating company? The FOI is due on Monday 16 February.

Best regards,



Trunk Roads and Bus Operations

Tel:

Transport Scotland Buchanan House 58 Port Dundas Road

Glasgow

G4 0HF

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Please consider the environment before printing.		
From: amey.co.uk] Sent: 29 January 2015 10:56 To: (TRANS) Cc: Subject: RE: FOI/15/00106		
Discussed Points 3 & 4 with That section of the A702 was fully resurfaced around 2012/13 – he's therefore unaware there would be any complaints regarding 'defects on the roadway', nor would we have had occasion to write to any 'third parties' (statutory undertakers'?) regarding third party 'plant'. However, IF the matter at issue is the expansion joint on the A702 20 Clydes Rail Bridge (official designation) which is the responsibility of the roads authority, not Network Rail, our Principal Engineer (Structures) has checked the file and finds no previous complaints re design, installation or maintenance. He also confirms the joint remains in excellent condition.		
South East Trunk Road Unit amey.co.uk 6a Dryden Road Bilston Glen Industrial Estate Loanhead EH20 9LZ		
From: Sent: 27 January 2015 13:38 To: @transportscotland.gsi.gov.uk' Subject: RE: FOI/15/00106		

Afternoon

As Amey didn't assume Operating Company Status until 16 August 2014, we have limited information and certainly none on an alleged accident on 23 June 2013. I've interpreted the locus as the railway overbridge at Wandel; our Crown Damages section are currently processing a claim by a cyclist re an alleged incident on 28 November 2014. Please find my 'background note', as previously submitted to re MP's Correspondence

Question 1 – Confirmed, Information readily accessible in the public domain at http://www.transportscotland.gov.uk/road/maintenance/key-facts-about-trunk-road-network-scotland and http://www.transportscotland.gov.uk/system/files/documents/tsc-basic-pages/Official%20List%20of%20Roads%20-%203%20November%202014.pdf

Question 2 – Except as anonymised data used in connection with Accident Investigation/Prevention (AIP) work, Amey do not hold such information. All such enquiries should be direre that incident to Police Scotland who are responsible for recording and collating accident reports. It should be noted that the obligation imposed by Section 170 Road Traffic Act 1988 (stop, report, provide information following an accident) applies only in respect of 'mechanically propelled vehicles', not pedal cycles.

Question 3, Question 4 - 'transfer of Previous OC records' to be discussed with Will get back to you ASAP.

6a Dryden Road | Bilston Glen Industrial Estate | Loanhead | EH20 9LZ

From: @transportscotland.gsi.gov.uk @transportscotland.gsi.gov.uk]

Sent: 26 January 2015 11:51

To: Cc:

transportscotland.gsi.gov.uk; transportscotland.gsi.gov.uk;

@transportscotland.qsi.qov.uk

Subject: FOI/15/00106

Hi

Grateful if you could provide the following information in relation to an accident on 23 June 2013 at the A702 Railway bridge between Abington and Biggar:

- 1. Confirmation that the A702 is adopted by Transport Scotland for inspection and maintenance.
- 2. Confirmation of accidents in the 24 months prior to July 2013 at the A702 Railway bridge between Abington and Biggar and all documentation in relation to these accidents accepting contemplation of litigation.
- 3. Records of complaints about the state of the roadway at the A702 Railway bridge between Abington and Biggar for the 12 month period prior to 23 June 2013.
- 4. All correspondence by Transport Scotland to third parties requesting repair to defects for the relevant stretch of roadway in which the responsibility to repair the defect belongs to the third party.

Could you please provide me with responses to the questions posed by close on 9 February.

Many thanks,



Trunk Roads and Bus Operations

Transport Scotland Buchanan House 58 Port Dundas Road Glasgow G4 0HF

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Dh'fhaodadh gum bi teachdaireachd sam bith bho Riaghaltas na h-Alba air a chlàradh neo air a sgrùdadh airson dearbhadh gu bheil an siostam ag obair qu h-èifeachdach neo airson adhbhar laghail eile. Dh'fhaodadh nach eil beachdan anns a' phost-d seo co-ionann ri beachdan Riaghaltas na h-Alba. ******************

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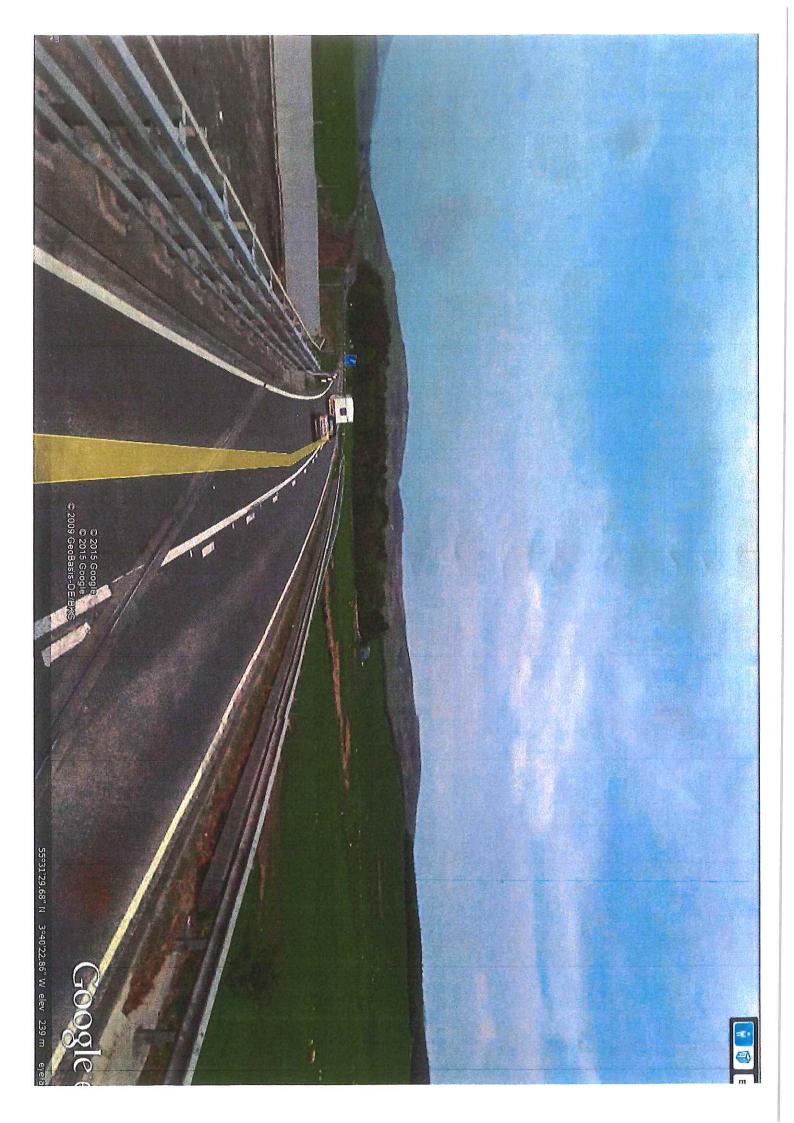
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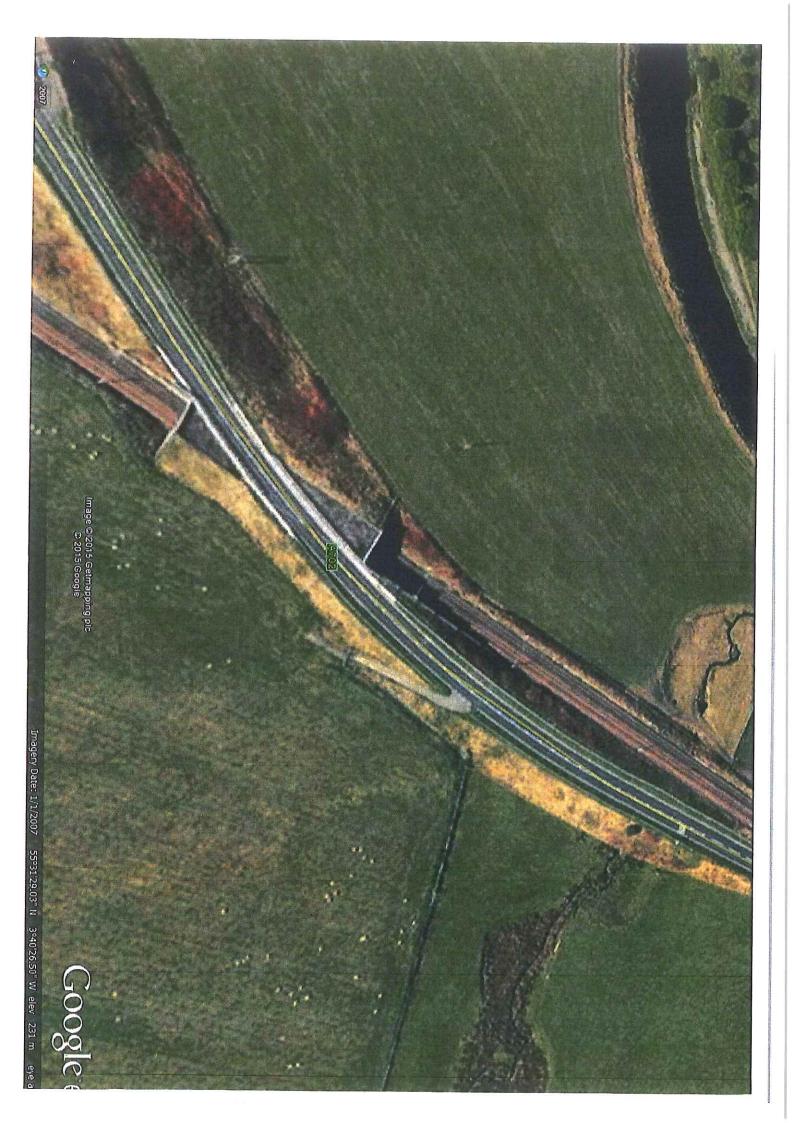
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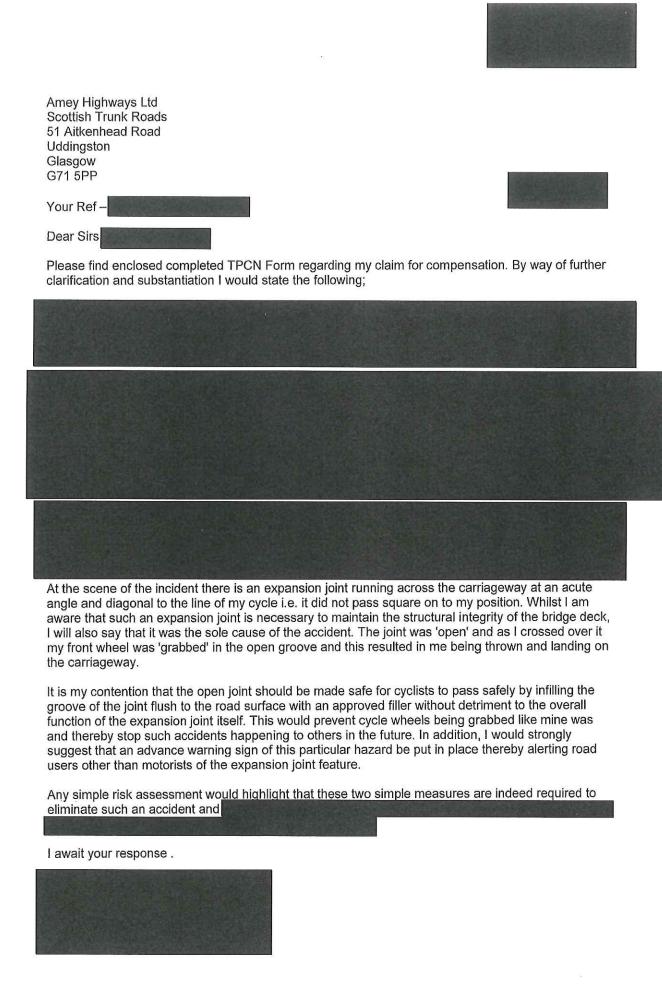
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INCIDENT REPORT FORM

Address:

Postcode:

Telephone:



This form should be used to report the following incidents:

≝ Injui ≝ Cras	ry to riders or others	 The incident may rise to an insurance or legal claim Anything you feel the sport may learn from (near misses)
Event Name:		- William - Will
Event Date:		
The incident	- Provide a detailed account of the incident	The state of the s
and lost cont	rode his bike over the rol of bike which resulted in a fall.	e metal expansion rods that were on the road
Type of Incid	ent: Road incident	Time of Incident
Location of Ir	ncident:	Injured Parties: Yes No
If yes, please	detail injuries sustained	
Riders & Ever	nt Organiser – Please provide names and	full contact details of those involved
Name:		Member No:
Address:		
Postcode:		
Telephone:		Email:
Name:		Member No:
Address:		
Postcode:		
Telephone:		Email
Third Parties	– Please provide names and full contact de	etails of those involved
Name:		Member No:

Email:

INCIDENT REPORT FORM



This form should be used to report the following incidents:

Name:	Member No:
Address:	
Postcode:	1
Telephone:	Email:
Witnesses - P	lease provide names and full contact details of those involved
Name:	Member No:
Address:	
Postcode:	
Telephone:	Email:
Name:	Member No:
Address:	
Postcode:	
Telephone:	Email:
Medical Provid	er- Please provide name of organisation and full contact details of lead medic
Organisation	
Medic Name:	Telephone:
Address:	
Postcode:	Email:
Injuries/Dama	age – Please provide details of any damage to property and or injuries sustained
Name of Event	Organiser:
Date:	
Contact Numb	er:
BC Membershi	p No: