

TEIGNBRIDGE DISTRICT COUNCIL
CONTROL OF POLLUTION ACT 1974, SECTION 61
CONTROL OF NOISE ON CONSTRUCTION SITES:
NOTICE IMPOSING REQUIREMENTS.

TO: Mr Adrian Farry
Galliford Try
A380 SDLR Kingskerswell Bypass
Site Office
Old Newton Road
Kingskerswell, Newton Abbot
Devon TQ12 5LB

Whereas it appears to Teignbridge District Council that works to which Section 61 of the Control of Pollution Act 1974 applies namely:

Particulars of works to be carried out:

as per the attached application from Galliford Try
Reference Number: AR0001/s61/0028/Rev 00

at the premises known as:

South Devon Link Road


NOTICE is HEREBY GIVEN that the following requirements must be complied with in connection with the carrying out of such works.

1. As per the attached application from Galliford Try
2. Any emergency deviation from these conditions shall be notified to the undersigned without delay.
3. The consent does not of itself constitute any ground of defence against any proceedings instituted under Section 82 of The Environmental Protection Act 1990 (Section 61 (9))
4. The best practicable means, as defined in Section 72 of the Control of Pollution Act 1974 to reduce noise shall be employed at all times.
5. Plant and machinery shall be properly silenced and maintained in accordance with the manufacturers' instructions.
6. Noise impact assessment and the predicted noise thresholds at key receptors are to be conducted over an LAeq(15 min) period.
7. During and following the completion of the works the sound level monitoring results to be available to be assessed by Teignbridge Environmental Health.

The consent does not of itself constitute any ground of defence against any proceedings instituted under Section 82 of The Environmental Protection Act 1990 (Section 61 (9))

You may appeal against this notice to the Magistrates' Court within 21 days of service of the notice upon you.

IN the event of an appeal this notice **SHALL NOT** be suspended until the appeal has been abandoned or decided by the Court as in the opinion of the Council.

Signed .....
Environmental Protection Manager
Environment and Safety Services

Dated 10th July 2014



**A380 South Devon
Link Road**

Doc.No: AR0001/s61/0028
Rev. No : 00
Date : 3/07/14

s61 APPLICATION CONTROL OF POLLUTION ACT 1974

APPLICATION FORM FOR APPROVAL

Reference No : AR0001/s61/0028/Rev 00	TITLE: Road Surfacing Works adjacent to Torquay Road, near Penn Inn.
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	YES	NO
Works within Normal Working hours only		X
Reason for application	Out of hour works associated with road surfacing works next to Torquay Road, near Penn Inn.	

We hereby submit this s61 Application covering the construction activities / works listed below in accordance with Appendix 1/9 to the Specification and certify that the methods, plant and steps to minimise noise (including vibration) are best practicable means in accordance with section 72 of the *Control of Pollution Act 1974* and section 79(9) of the *Environmental Protection Act 1990* and are fully in accordance with the Contract.

Galliford Try Representative

Signed: 

Name: Adrian Farry Date: 03/07/14



**A380 South Devon
Link Road**

Doc.No: AR0001/s61/0028
Rev. No : 00
Date : 3/07/14

1. Address or location of proposed works	A 300m stretch, adjacent to Torquay Road, next to Sainsbury's supermarket. See Figure 1.
2. Name and address of main Contractor Responsible Person. Telephone No.	Galliford Try A380 SDLR Kingskerswell Bypass Site Office Old Newton Road Kingskerswell Newton Abbot TQ12 5LB adrian.farry@gallifordtry.co.uk T: 07776993185
3. Particulars of works to be carried out	Permanent road surfacing works over two nights including removing a section of existing road surface and laying down new road surface.
4. Methods to be used in each stage of development	Refer to Appendix A.
5. Duration and hours of works	Refer to Appendix A
6. Number, type and make of plant and machinery	Refer to Appendix A.
7. Proposed steps to minimise noise and vibration	Refer to Appendix B.
8. Predicted Noise Levels	Refer to Appendix C.
9. Predicted Vibration Levels	The equipment to be used in these activities is not considered to generate appreciable levels of vibration and therefore no assessment has been undertaken.
10. Site Plan	Figure 1 Road Surfacing Location Plan
11. Consultees	Devon County Council Teignbridge District Council
12. Other Information	Galliford Try Public Liaison Team will notify all effected residents nearby to the works. Key stakeholders, like Community Liaison Group, will be notified of the works. It will also be published on the South Devon Link Road website prior to works.
13. List of Plans and documents attached	Figure 1 – Road Surfacing Location Plan

APPENDIX A

- Method of Works

Road Surfacing Works adjacent to a live carriage way

Overview of works

As part of the permanent works along the project, road surfacing works at Structure 6 (east side of Torquay Road, near Sainsbury's supermarket) is required. The location of these works is shown in Figure 1. This involves planing 1m width existing northbound Torquay Road over a 30m length nearest Penn Inn to tie in with existing road. A large part of the resurfacing will be done during normal working hours with only the line marking works to be completed during the out of hour period. Only the tie-ins to the existing road require out of hour works due to the close proximity to a live carriageway. During the proposed works, the existing northbound Torquay Road will be moved to ensure traffic will flow over night. The road will be re-opened once road surface has been re-instated.

As a consequence, where works require disruption to traffic flow we are only able to work in evening (1900 to 2100 hrs), night time or on Sundays. The justification for conducting these works over two week nights is purely to minimise traffic congestion; as well as minimise health and safety risk.

Outline working method

The work activities over one night is as follows:

Traffic Management (TM) commencing at 18:00

- TM vehicle and rubber tyre excavator lifting traffic lights and road barriers in to place.

Road planing and asphalt removal

- 1m planer, bob cat planer and road saw (limited use only) existing road to formation depth;
- Planings will be placed in haulage lorries and stored on site;
- Tank sprayer will follow on after to put down black adhesive.
- Planing is not required along the other 270m of existing road as there is no need to tie back in with existing road.

Road surface reinstatement

- The paver will lay down asphalt to finished level;
- The asphalt will be then rolled by 5T roller;
- The finished road will be swept by road sweeper.

Line Marking

- Road sweeper cleans the newly instated road surface;
- Line Marking vehicle moves along laying down new lines.



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Proposed programme

The dates for the works are the Friday 18th and Monday 21st July 2014. Tuesday 22nd July 2014 will act as contingency. The works would be done over a 12 hour period between (18:00-06:00hrs). On the first night, the tie in closest to Penn Inn roundabout will be conducted. On the second night, the tie in near Addison Road will be completed. This period is much longer than set out in the outline working method above to ensure contingency allowance; and the operation to be conducted safely and diligently during the night. To minimise the nuisance as much as possible, the works will still be conducted as quickly as possible. Traffic management for moving northbound lane will be put in place where possible after 1800 hours.

Proposed Plant for Road Surfacing Works

Equipment	Number	% on-time	Typical Sound pressure level at 10m [dB(A)]	Noise information source	Comment
Traffic Management					
TM vehicle	1	15	62	Measured	
Rubber tyre excavator	1	10	73	BS 5228-1:2009 C.5:11	
Road surfacing works					
1m planer	1	20	82	BS 5228-1:2009 Table C.5:7	
8 wheel Haulage lorry	3	75	80	BS 5228-1:2009 Table C.6:21	
Road saw	1	5	87	BS 5228-1:2009 Table C.5:36	To be avoided where possible
Bob cat planer	1	20	82	BS 5228-1:2009 Table C.5:7	
Tank sprayer	1	10	70	Estimated	
Lighting tower and generator	2	100	63	Average of BS 5228-1:2009 Table C.4:76-87	Only to be used during evening and night time hours.
Road surface reinstatement					
Paver	1	75	77	BS 5228-1:2009 Table C.5:31	
5T roller	2	75	75	BS 5228-1:2009 Table C.5:25	
Road sweeper	1	50	76	BS 5228-1:2009 Table C.4:90	
Lighting tower and generator	2	100	63	Average of BS 5228-1:2009 Table C.4:76-87	Only to be used during evening and night time hours.
Line Marking					
Road sweeper	1	50	76	BS 5228-1:2009 Table C.4:90	
Road lining vehicle	1	30	70	Estimated	
Lighting tower and generator	2	100	63	Average of BS 5228-1:2009 Table C.4:76-87	Only to be used during evening and night time hours.

APPENDIX B**- Methods to reduce noise****Methods to minimise nuisance**

1. Prior to works commencing any preparatory engineering works will be undertaken in normal working hours.
2. Prior to the out of hour works, mobilisation and demobilisation of materials and plant will occur during normal working hours, minimising activity in sensitive periods i.e. only those activities that have to occur out of hours will be undertaken.
3. Noisy activities, mainly the road planing and any limited road saw use will be limited to finishing by 23:00hrs minimising the noisiest activity to the least sensitive period of the night time period.
4. Acoustic screening will be erected to screen nearest to road saw and planing activity from receptors located along Addison Road.
5. Drop heights for excavated material will be minimised where ever possible.
6. All generators and compressors plant will be super-silenced and inspected to ensure they are operating appropriately.
7. Any idling plant will be turned off when not in use.

All affected residents will be notified of the works.

Noise/Vibration Monitoring Programme

Galliford Try will carry out monitoring at regular intervals during these works and on start up of any equipment or new work areas. Attended noise monitoring will be undertaken as close as possible to the receptors identified in Appendix C to assess compliance periodically on each day. 15 minute LAeq readings will be taken at the predefined monitoring receptors, weather and dominant noise source recorded.

To note, the receptor locations on Figure 1 are noise prediction stations. Noise monitoring will be undertaken at compliance points within the site which are as close to the properties as practicably possible.

In addition the works will be assessed by the monitorer to ensure they are being undertaken in accordance with the s61 Application.

APPENDIX C

- Predicted noise thresholds at key receptors

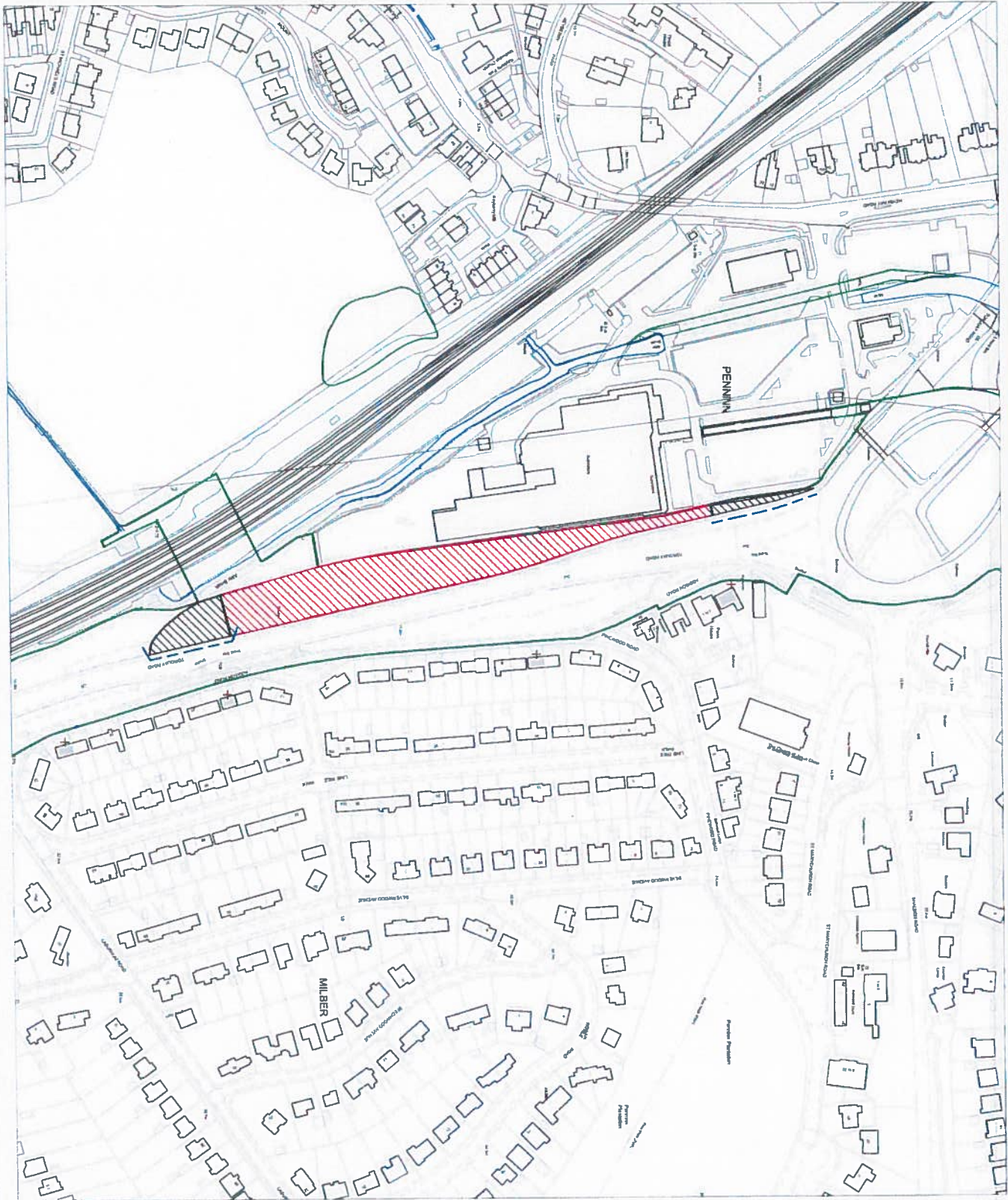
Predictions have been undertaken using SiteNoise module of NoiseMap Enterprise version 2.7.1. This software follows the construction noise calculation procedure in British Standard 5228 Code of Practice for Noise and Vibration Control on Construction and Open Sites: 2009. No allowance has been made for natural screening or manmade structures between the works. The model takes into account land attenuation and reflection from properties.

Table 1. Noise levels during road surfacing works






Receptor Location	Floor	Façade	Range of Construction Façade Noise Levels dB L _{Aeq,1hr}			
			Traffic Management	Road planing and asphalt removal	Road surface reinstatement	Line Marking
Wywuree	Ground	North	<20 - 45.2	<20 - 66.7	<20 - 62.1	<20 - 45.2
	Ground	West	33.3 - 45.6	54.8 - 67.1	50.2 - 62.5	34.9 - 55
Pinewood Road	Ground	West	<20 - 39.6	<20 - 61.1	<20 - 56.5	<20 - 39.6
	First	West	<20 - 40.4	<20 - 61.9	<20 - 57.3	<20 - 40.4
Penn House	Ground	North	33.7 - 44.4	55.2 - 65.9	50.6 - 61.3	35.4 - 56.1
	First	North	34.7 - 46.7	56.2 - 68.2	51.6 - 63.6	36.3 - 56.6
	Second	North	35.7 - 48.3	57.2 - 69.8	52.6 - 65.2	37.2 - 57.1
4 Addison Road	Ground	West	36.4 - 38	57.9 - 59.5	53.3 - 54.9	40.4 - 60.3
	First	West	37.2 - 38.8	58.7 - 60.3	54.1 - 55.7	41.1 - 60.7
20 Addison Road	Ground	West	32 - 45.2	53.5 - 66.7	48.9 - 62.1	48.5 - 56
	First	West	33.1 - 48	54.6 - 69.5	50 - 64.9	48.9 - 58.8
27-28 Addison Road	Ground	West	29.5 - 39.5	51 - 61	46.4 - 56.4	40.6 - 50.3
	First	West	30.7 - 41.6	52.2 - 63.1	47.6 - 58.5	41.3 - 52.4

From predictions, nearest residential properties are anticipated to exceed the defined thresholds. Noise insulation will be offered where there are 10 exceedances in any 15 consecutive days.

A cumulative number of exceedances will be maintained by the site team.



KEY

-  Area of Line Working
-  Area of Main Works
-  Noise Prediction Station
-  Noise Monitoring Location
-  Acoustic Barrier

 <p>AA Environmental Ltd 1st Floor 25 High Street Chalfont St Giles Bucks HP8 4NR T: 01294 534542 F: 01294 534546 www.aae-llp.com</p>	<p>Scale 1:200 @ A3</p> <p>Date June 14</p> <p>Drawn RC</p> <p>Checked ML</p> <p>Figure 1</p>	<p>Project 123213</p> <p>A380 Bypass</p> <p>Task Road Surfacing Location Plan</p>	<table border="1"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>Drawn</th> <th>Checked</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Rev	Date	Drawn	Checked	Date					
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