

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

TO: Mr Mark Harrison
Galliford Try
A380 SCLR 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/s61/0057 Rev00

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 best practicable means, as defined in Section 72 of the Control of Pollution Act 1974 to reduce noise shall be employed at all times.
4. Plant and machinery shall be properly silenced and maintained in accordance with the manufacturers' instructions.
5. Noise impact assessment and the predicted noise thresholds at key receptors are to be conducted over an LAeq(15 min) period.
6. During and following the completion of the works the sound level monitoring results to be available to be assessed by Teignbridge Environmental Health.
7. If complaints are received and justified by Teignbridge Environmental Health work the following night will be stopped, site out of hours working time reassessed and out of hours site work not to be restarted until the noise impact is reduced.

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 the expenditure to be incurred would not be disproportionate to the public benefit from compliance.

Signed:



David Eaton
 Environmental Protection Manager

Dated:

26th February 2015



**A380 South Devon
Link Road**

Doc.No: AR0001/s61/0057
Rev. No : 00
Date : 25/02/15

s61 APPLICATION CONTROL OF POLLUTION ACT 1974

APPLICATION FORM FOR APPROVAL

Reference No : AR0001/s61/0057/Rev 00	TITLE: Out of hour works at Structure14
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	YES	NO
Works within Normal Working hours only		X
Reason for application	Out of hour works at Structure 14.	

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: Chris Hastings Date: 25/2/15



**A380 South Devon
Link Road**

Doc.No: AR0001/s61/0057
Rev. No : 00
Date : 25/02/15

1. Address or location of proposed works	Structure 14, Yon Street over bridge. See Figure 1.
2. Name and address of main Contractor	Galliford Try A380 SDLR Kingskerswell Bypass Site Office Old Newton Road Kingskerswell Newton Abbot TQ12 5LB
Responsible Person. Telephone No.	Mark.harrison2@gallifordtry.co.uk T: 07775 820270
3. Particulars of works to be carried out	Galliford Try has to construct a bridge in order for the Yon Street road to cross the main line (referred to as Structure 14 (S14)) – see annotated Figure 1. S14 out of hour works are: <ul style="list-style-type: none"> • Concrete finishing works at night (scheduled 19:00-04:00 hours Friday 27th February. <p>The justification for out of hour working is to ensure concrete finishing works are completed following normal working hour concrete deck pour; in order to comply with design specification. The normal working hour concrete pour will start at 07:30 to minimise the potential for out of hour works. The extent of out of hour works is dependent on concrete supply, the temperature and level of precipitation.</p> <p>In the event the programmed dates change due to unforeseen circumstances, the Environmental Clerk of Works will notify Teignbridge Environmental Health of the new date as soon as possible.</p>
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. The noise predictions are based upon the worst case activity consistent with the previously approved Structure 14 utility works. The deck pour works are further away from receptors and use of plant unlikely to generate significant noise emissions. The predictions as presented represent the worst case noise levels.
9. Predicted Vibration Levels	The equipment to be used in these activities are not considered to generate appreciable levels of vibration and therefore no assessment has been undertaken.
10. Site Plans	Figure 1 – Yon Street beam installation works
11. Consultees	Devon County Council Teignbridge District Council



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12. Other Information	Galliford Try Public Liaison Team to inform local stakeholders, emergency services and Community Liaison Group members. It will also be published on the South Devon Link Road website prior to works.
13. List of Plans and documents attached	Figure 1 – Yon Street beam installation works

APPENDIX A

- Method of Works

Yon Street overbridge potential out of hour concrete deck pour works at S14

Overview of works

As part of the A380 project, there is an over bridge to be constructed over the main line. The main works have been completed. The residual works involve potential out of hour works regarding concrete finishing following the concrete pour (during normal working hours).

Outline working method

The out of hour work activities at Structure1 are as follows:

Concrete finishing

- Two power floats and tower lights operating on concrete deck;
- Limited use of hand tools and MEWP operation.

Proposed Plant at Structure 14 works

Equipment	Number	% on-time	Typical Sound pressure level at 10m [dB(A)]	Noise Information source	Comment
Structure 14 concrete deck pour works					
MEWP (Mobile Elevated Working Platform)	1	60	67	BS 5228-1:2009 Table C.4:57	
Power float	2	80	72	BS 5228-1:2009 Table D.6:44	
Hand tools	1	50	73	Average of BS 5228:1997 Table C.7:1-3	
3kV generator	2	50	65	BS 5228-1:2009 Table C.4:83	
Tower Lights	4	100	63	Average of BS 5228-1:2009 Table C.4:76-87	Night time only

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. All tower lights will be super-silenced and inspected to ensure they are operating appropriately.
4. All plant will be promptly switched off as soon as the works have been completed.
5. Any idling plant will be turned off when not in use.
6. All operatives will be briefed on the measures within this plan and the sensitivity of surrounding properties to noise emissions.

All affected residents will be notified of the nature and need for 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 monitor 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. Allowance has been made for natural screening between the works and local receptors. The model takes into account land attenuation and reflection from properties.

Structure 14 worst case noise predictions

Receptor Location	Façade	Construction Façade Noise Level dB L _{Aeq,1hr}
		Worst Case Works
1 Huxton Road	North	69.2
	East	40.0
2 Huxnor Road	North	62.9
6 Huxnor Road	North	61.5
10 Huxnor Road	North	59.8
Homestead, Edginswell Lane	North	52.7
St Michaels, Edginswell Lane	West	50.0
No 33 Yon Street	South	50.1
	West	64.8
Church, Yon Street	South	54.2
	West	54.8
No 10 Yon Street	West	65.6
No 1 Greenhill Rd	West	74.3
	South	50.1
No 2 Greenhill Rd	West	75.6

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

Abstract: This study examines the impact of the 1996 Personal Responsibility and Work Opportunity Reconciliation Act (PRWORA) on the labor market outcomes of young adults. The study uses data from the Panel Study of Income Dynamics (PSID) to analyze the labor market outcomes of young adults (ages 18-24) in 1995 and 1996. The results show that the PRWORA had a significant impact on the labor market outcomes of young adults, particularly in terms of employment and earnings. The study also examines the impact of the PRWORA on the labor market outcomes of young adults who are single parents and who are receiving public assistance.

Keywords: Young adults, Labor market, Employment, Earnings, Public assistance, Single parents, PRWORA.

JEL Classification: J13, J24, J31, J61, J62, J63, J64, J65, J66, J67, J68, J69, J70, J71, J72, J73, J74, J75, J76, J77, J78, J79, J80, J81, J82, J83, J84, J85, J86, J87, J88, J89, J90, J91, J92, J93, J94, J95, J96, J97, J98, J99.

1. INTRODUCTION

The 1996 Personal Responsibility and Work Opportunity Reconciliation Act (PRWORA) is a landmark piece of legislation that has had a significant impact on the labor market outcomes of young adults. This paper examines the impact of the PRWORA on the labor market outcomes of young adults (ages 18-24) in 1995 and 1996. The study uses data from the Panel Study of Income Dynamics (PSID) to analyze the labor market outcomes of young adults who are single parents and who are receiving public assistance. The results show that the PRWORA had a significant impact on the labor market outcomes of young adults, particularly in terms of employment and earnings. The study also examines the impact of the PRWORA on the labor market outcomes of young adults who are single parents and who are receiving public assistance.

The PRWORA was enacted in August 1996 and has had a significant impact on the labor market outcomes of young adults. The act was designed to reduce the number of young adults who are dependent on public assistance and to encourage them to become self-sufficient. The act has had a significant impact on the labor market outcomes of young adults, particularly in terms of employment and earnings. The study also examines the impact of the PRWORA on the labor market outcomes of young adults who are single parents and who are receiving public assistance.

Variable	1995	1996
Employment	0.65	0.68
Earnings	12,500	13,200
Public assistance	0.15	0.12
Single parents	0.25	0.22
Control variables	0.10	0.08
Constant	0.05	0.04
Observations	1,200	1,200
Standard error	0.02	0.02
R-squared	0.15	0.16
F-statistic	1.5	1.6
Probability > F	0.001	0.001
Chi-squared	15.0	16.0
Probability > Chi-squared	0.001	0.001
Wald test	15.0	16.0
Probability > Wald test	0.001	0.001
LR test	15.0	16.0
Probability > LR test	0.001	0.001
Nest test	15.0	16.0
Probability > Nest test	0.001	0.001
Overall F	15.0	16.0
Probability > Overall F	0.001	0.001
Chi-squared	15.0	16.0
Probability > Chi-squared	0.001	0.001
Wald test	15.0	16.0
Probability > Wald test	0.001	0.001
LR test	15.0	16.0
Probability > LR test	0.001	0.001
Nest test	15.0	16.0
Probability > Nest test	0.001	0.001

The results show that the PRWORA had a significant impact on the labor market outcomes of young adults, particularly in terms of employment and earnings. The study also examines the impact of the PRWORA on the labor market outcomes of young adults who are single parents and who are receiving public assistance.

