

Site traffic management and plan



Ref: SF.S33

Rev: 001

Date: 05.06.15

Project name	SPIRE WREXHAM
Project no	C438
Original issue date	07/02/2022
Revised date	28/02/2022
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Site traffic management and plan



Ref: SF.S33
Rev: 001
Date: 05.06.15

Contents

1. Introduction
2. Management
3. Proximity hazards
4. Plant / Vehicles operating on a public highway
5. Site plant / Vehicles
6. Personnel / Pedestrians
7. Site traveling routes
8. Tipping Areas
9. Site terrain
10. Site parking
11. Training
12. Compound area
13. Public highways - chapter 8
14. Road clearance
15. Materials deliveries and storage
16. Monitoring and controls
17. Further guidance
18. Additional information
19. Traffic management risk assessment
20. Traffic management diagram

Site traffic management and plan



Ref: SF.S33
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1. Introduction

This site traffic management assessment and plan has been developed so that operations on company sites may continue without risk of personal injury, damage to plant / vehicles and property etc. The control measures identified in the assessment / plan should be effectively implemented, monitored and reviewed. Any alteration to working practices must be evaluated and incorporated into the assessment / plan and the review date recorded.

Once complete this assessment / plan should be brought to the attention of those concerned and a copy readily displayed on site.

2. Management

Has the traffic management risk assessment been completed to the rear of this document?	Yes	
Is the site wholly owned / operated by the Company? If not, are there clear boundaries between operations? If not, what control measures have been implemented? All persons driving/operating plant on site will be training and will drive in accordance with site rules regarding speed and loading security and capacity.	Yes	
List of control measures SPEED LIMITS SIGNAGE AND FENCE SEGRAGATION		

3. Proximity hazards

Are there any overhead electric powers lines present on the site?	No	
Details		
Are there any underground services present on site? If yes, are they effectively demarcated so as to prevent damage? If not, what controls are in place to prevent accidental contact? All areas of excavation will be scanned in accordance with safe system of work 3 'avoidance of danger from underground electricity cables, using the cable avoidance tool'	Yes	
Are there any other proximity hazards and considerations on site such as water courses, railway lines, schools, community centers, residential areas etc. likely to affect or be affected by site traffic? If yes, what are they and what control measures are in place? Mobile Plant and Site Traffic will not exceed 10 MPH whilst travelling around residential / pedestrianised areas.	Yes	
Details SINGAGE		
Are there any restrictions on plant / vehicle movements due to nearby schools etc.	Yes	
Details NURSERY AT TOP OF THE HILL WALKING BANKSMAN WHEN IN THE AREA . SPIRE OFFICERS TRAFFIC CONTROLLED BY BANKSMAN WHEN WORKING IN ROADWAY .		

Site traffic management and plan



Ref: SF.S33
Rev: 001
Date: 05.06.15

4. Plant / vehicles operating on public highways		
Are there any overhead electrical power lines on site? If yes please provide details of control in place and consultation with service provider.	No	
Are plant / vehicles wholly owned / operated by company employees?	No	
All operators who operate plant / vehicles on a public highway must have a valid driving license in addition to a valid CPCS operators card or equivalent.	Yes	
If plant is operating outside of day light hours plant must be fitted with suitable lights in accordance with the Road Vehicles Lighting Regulations 1989.	Yes	
Plant / vehicles operating on adopted roads must be operated in accordance with the Road Traffic Act 1988.	Yes	
5. Site plant / vehicles		
Is there a planned maintenance procedure in place?	Yes	
Are plant vehicles inspected daily and defects reported?	Yes	
Is CCTV fitted to all required plant?	No	
Are vehicles fitted with effective mirrors?	Yes	
Are vehicles fitted with reversing bleeper's and flashing beacons?	Yes	
Are risk assessments and method statements available for specific site operations?	Yes	
Are all plant operatives trained and authorised?	Yes	
6. Personal and pedestrians		
All employees, contractors and visitors are required to wear high visibility clothing i.e. vests or coats.	Yes	
Have banksmen been deployed on site? If yes, have the banksmen been issued with information, instruction and training?	Yes	
Provide details INDUCTIONS AND TOOLBOX TALKS		
7. Site travelling routes		
Are travelling routes clearly demarcated?	Yes	
Does the site have a one-way system?	Yes	
Does the site have passing points?	Yes	
Is there a maximum speed limit in place and signs indicating such?	Yes	
Are there effective earth bunds in place? N.B. earth bunds must be 1.5m	No	
Are travelling routes on a reasonable gradient?	Yes	
Are there any blind corners, which cannot be eliminated?	Yes	
8. Tipping areas		
Does the site have designated tipping areas?	Yes	
If yes, are tipping areas provided with suitable turning areas?	Yes	

Site traffic management and plan



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Rev: 001
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9. Terrain

Does the terrain represent any abnormal risks of plant / vehicle overturning or other hazard associated with working on gradients?	Yes	
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10. Site parking

Does the site have a designated parking area for employees and visitors? If not, what parking arrangements are in place? All site staff will be asked to park on the local public highway	Yes	
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11. Training

Only trained and authorised operatives are permitted to operate site plant and vehicles.	Yes	
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12. Compound area

Is there a designated compound area with a designated pedestrian area?	Yes	
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13. public highways

Does the Does the work entail working on adopted highways as defined in the New Roads and Street works Act?	No	
Yes, have the control measures, detailed in chapter 8, been implemented		

14. Road clearance

Are road clearance operations required and in place? Road sweeper?	Yes	
Are there any other requirements for road clearance on this site?	Yes	

Details

HAND BRUSHING DAILY AND ROAD SWEEPERS WHEN REQUIERED AFTER SAY BAD WEATHER .

15. Material delivery, storage and collection

Has the safe system of work / site rules for delivery drivers been issued to all drivers?	No	
Are there any restrictions on deliveries or collections?	Yes	
Is there a designated storage area for materials?	Yes	
Is there a clear and safe route to the designated area?	Yes	
All drivers are required to wear high visibility clothing whilst out of the vehicle cab.	Yes	

16. Monitoring and control

This is the responsibility of the site manager / general foreman and visiting health and safety advisor(s).	Yes	
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17. Further guidance

Further guidance on site traffic management can be found in the group health and safety manual and C.I.T.B. GE700 (yellow manual) and this document should be referred to when making amendments to this document. Other guidance includes: 'protecting the public' HSG 151 and 'safe use of vehicles on construction sites' HSG 144.	Yes	
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Site traffic management and plan



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18. Additional information – Enter any other information relating to the management of traffic on site together with additional control measures that may be necessary

MATERIALS TO BE DELIVERED TO SITE AFTER THE HOURS OF 9.30AM . THE SIGNAGE OUTSIDE SITE NEEDS TO BE WELSH OER ENGLISH WHEN APPROACHING SITE . CONTRACTORS AND SUPPLIERS HAVE BEEN INFORMED AND THIS IS SPOKEN OVER IN INDUCTION TALKS AND PRE CONTRACT MEETINGS.

Site traffic management and plan



Ref: SF.S33

Rev: 001

Date: 05.06.15

19. Traffic management risk assessment			
Project	SPIRE WREXHAM	Project No	C438
Risk assessment no	1	Person conducting assessment	KC/PW
Supervisor	PERRY WALKER	Date	07/03/2022
Location	SITE OFFICE		
Notes – 1. Control measures are to ensure that residual risks are reduced to a minimum. Where controls fail to reduce from high refer assessment to your line manager. 2. If the operations are likely to affect the public or the safe operation of a public transport system, the control measures must reduce the likelihood of significant harm to the level that existed before our work commenced.			
Impact - Uncontrolled runoff with high suspended solid load and/or contamination			

Risk rating: H = High, M = Medium, L = Low

Site traffic management and plan



Ref: SF.S33
Rev: 001
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Hazard	Persons in danger	Harmful consequences	Risk rating	Control measures	Residual risk
Vehicular / Pedestrian Movements - consideration must be given to the following: Unauthorised operators / drivers.	Operatives / General Public / Site Visitors etc.	Personal injury, possible death. Damage to plant / vehicles.	H	Ensure a Site Traffic Assessment and Plan is completed. Only trained and authorised operatives to operate site plant / vehicles (CPCS or equivalent). Site Management to monitor the use of site plant / vehicles.	L
Contact between site plant / vehicles / site user vehicles and pedestrians.	Operatives / General Public / Site Visitors etc.	Personal injury, possible death. Damage to plant / vehicles.	H	Only trained and authorised operatives to operate site plant / vehicles (CPCS or equivalent). Ensure that operatives have a valid driving licence if operating on adopted highway. Segregate site plant from public vehicles - if this is not practicable then:- Ensure minimal construction vehicle movements / journeys by good planning / sequencing of work. Ensure that the route of least inconvenience and most safe is used at all times. Ensure that pedestrians at work wear high visibility vest coats.	L

Site traffic management and plan



Ref: SF.S33
Rev: 001
Date: 05.06.15

Hazard	Persons in danger	Harmful consequences	Risk rating	Control measures	Residual risk
Cont ...				Deploy a banksman whilst depositing or removing materials in the build areas from adopted highways. Ensure that plant is operated at a safe speed as site conditions permit (e.g. gradient, weather etc.) and does not exceed the specified site speed. Ensure that site plant has suitable warning devices - flashing beacons, reversing alarms as appropriate. Ensure that plant / vehicles are maintained to manufacturers standards. Erect suitable signage. Ensure that plant / vehicles operating on adopted highways have the appropriate Road Fund License (Road Tax). Site Management to monitor the above control measures.	

Site traffic management and plan



Ref: SF.S33
Rev: 001
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Hazard	Persons in danger	Harmful consequences	Risk rating	Control measures	Residual risk
Cont ... Terrain – working / travelling on gradients.	Operatives / General Public / Site Visitors etc.	Personal injury, possible death. Damage to plant / vehicles.	H	Only trained and authorised operatives to operate site plant / vehicles (CPCS or equivalent). Ensure that the machine is operated within the safe operating capability of the machine. ROPs fitted as required. Consideration should be given to the travelling surface. Ensure that the route of least inconvenience and most safe is used at all times. Ensure that plant is operated at a safe speed as site conditions permit (e.g. gradient, weather etc.) and does not exceed the specified site speed. Site Management to monitor the above control measures.	L
Existing structures / overhead cables etc.	Operatives / General Public / Site Visitors etc.	Personal injury, possible death. Damage to plant / vehicles.	H	Only trained and authorised operatives to operate site plant / vehicles (CPCS or equivalent).	L

Site traffic management and plan



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Hazard	Persons in danger	Harmful consequences	Risk rating	Control measures	Residual risk
Cont Material deliveries / storage.	Operatives / General Public / Site Visitors etc.	Personal injury, possible death. Damage to plant / vehicles.	H	Ensure that structures and overhead services are effectively demarcated and brought to the attention of those concerned. Ensure that the route of least inconvenience and most safe is used at all times. Site Management to monitor the above control measures. Ensure that there is no un-authorised access to any unloading /storage area. - set up an exclusion zone. Provide Banksman as required Limit deliveries to periods of low pedestrian / vehicular traffic. Ensure that materials are unloaded / loaded in a safe and controlled manner using the correct plant / equipment. Ensure that any plant used during this activity is maintained and used in accordance with the manufacturers instructions and current legislation. Site Management to monitor the above control measures.	L

Site traffic management and plan



Ref: SF.S33
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Hazard	Persons in danger	Harmful consequences	Risk rating	Control measures	Residual risk
Cont Compound areas.	Operatives / General Public / Site Visitors etc.	Personal injury, possible death. Damage to plant / vehicles.	H	Ensure that consideration is given to the position of compound areas e.g. safe access and egress. Ensure that the compound is situated safe from structures and overhead services. Ensure that there is no un-authorised access to compound area. In the event of un-authorised access ensure that materials, substances are stored in a safe manner to further prevent the risk of injury or damage. Site Management to monitor the above control measures.	L
Road clearance.	Operatives / General Public / Site Visitors etc.	Personal injury, possible death. Damage to plant / vehicles.	H	Ensure that roads are kept free from debris. Ensure road cleaning plant / vehicles are provided with flashing beacons, Site Management to monitor the above control measures.	L

20. Traffic management diagram