



PROPOSED METHOD STATEMENT
VIADUX PROJECT, MANCHESTER
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METHOD STATEMENT

Project Name:	Viadux Project, Manchester	Project Number:	
Work Activity:	Repairs to the Existing Bridge Structures	Approved By:	
Date:	11 December 2020	Site Foreman:	To be confirmed
Prepared By:	Steven Eccleshare	First Aider:	To be confirmed

1. DESCRIPTION OF WORKS:

The scope of works includes the reinstatement of the vaulted ceiling following crane penetration works by others.

Types of Repairs include: -

Brickwork

Refer to Task Briefing Sheet for detailed method for each task listed below

- Replace 6 No. brick barrel bands
- Cut out and replace damaged bricks
- Rake out cracked, loose and friable mortar and repoint brickwork
- Regrout cracked bricks
- Pressure grout voids in brickwork
- Construct new brickworks tooth and bond into existing

2. INDUCTIONS:

All inductions are to be booked in via DOMIS Construction prior to arrival on site.

3. RESOURCES

Name (Role)	Qualifications & Training	Induction carried out by	Date of Induction
Steven Eccleshare (Contracts Director)	• Directors Role for Health & Safety • CSCS - Site Manager • NVQ level 6 - Construction Contracting Operations Management		
Supervisor (To be confirmed)	• SSSTS • CSCS - Site Supervisor • NVQ Level 3 - Site Supervisor • First Aid at Work • Manual handling		
Operatives (To be confirmed)			

Plant Required

The following is a list of essential plant required to complete the specified works: -

- 110v hand drill
- 110v 5" angle grinders/cutting discs
- 110v mini breakers
- 110v hand held mixing paddle
- Safety harnesses
- Grout injection pot
- 110v 3 bar compressor
- 110v reciprocating saw
- Drip tray

Working Hours

Working hours are as follows:-

Works are based on a 39 hour week

Monday-Thursday 8.00am - 4.30pm

Fridays 8.00am - 3.30pm

Temporary Task Lighting/Water/Power

Lighting

Within dark areas including to the underside of masonry arches, extra lighting will be required (to be supplied by DOMIS 6-8 No. 110v strip florescent units approx, or as required to make a safe working environment.

Power

To be supplied by DOMIS. BCL to provide transformer or petrol powered generators where there is no other form of power available.

Water

To be supplied by DOMIS. BCL operatives to fill water drums up from DOMIS main yard and distribute to work area to allow for mixing of mortar mixes.

Materials

The following materials are required to carry out repair works as described in B.C.L scope of works.

- Sand's for mortar mixes
- Natural Hydraulic Lime
- Injection grout

4. ACCESS:

All access equipment required to carry out the works in line with the scope of works are listed below: -

- Scaffold with crash deck supplied by DOMIS
- All ground surfaces for the use of access equipment to be inspected by scaffold contractor prior to works commencing on site.

5. MATERIALS HANDLING:

A list of materials to be used on the project as listed below: -

- Sharp aggregate sand
- Clay based binding sand
- Natural hydraulic lime
- Reclaimed bricks
- Waste material - rubble
- Hessian protection sheeting
- Visqueen protection sheeting
- Injection grout
- Structural resins

COSHH Data Sheets

All COSHH in attached appendix

Storage

All sands/limes/etc are to be stored in a dry area (possibly one of the empty arch lockups).

All fuel cans to be removed from site each day and stored in work vans off site.

All waste to be removed each day to BCL licensed tip (Holroyds, Oldham).

P.P.E:

All correct P.P.E to be worn whilst handling or working with the materials as indicated on product data sheets in specific task sheets.

Fuelling

All fuelling of plant to be carried out in a well-ventilated area using the correct P.P.E.

Waste Disposal

All waste from site is to be removed each day via BCL van and distributed to Holroyds licensed tip in Oldham.

Copies of all waste certificates to be handed to supervisor then, to DOMIS Construction.

Mixing of Materials (Sand/Lime)	
All mixing must be carried out on site in a well-ventilated area with the relevant floor protection in place. Correct P.P.E must be worn whilst handling lime and fuel.	
Handling	
Operatives must be fully trained in manual handling.	
All materials delivered to site are to be under 25kg. If any materials are larger than 25kg then an individual lifting task must be carried out by Supervisor.	
Delivery of Materials	
All large deliveries of materials must be taken at DOMIS main yard then distributed via BCL van to individual work areas.	
All deliveries must be booked in with DOMIS prior to delivery.	
All delivery drivers must wear full orange hi-visibility clothing whilst delivering materials.	
6. PLANT:	
• Small plant to be fully PAT tested and visually inspected daily. • Hand arm vibration records to be completed daily and a copy handed to DOMIS. • BCL supervisor to complete a plant reception form and pass over to DOMIS on a daily basis. The reception form is to include all test dates and when next test date is due. • All cutting and grinding plant must be used by well wetting materials along with dust extraction units at all times. • All MEWPs must have a plant reception form completed by a competent person each time a machine is to be used.	
7. P.P.E:	
Gloves	Hi-Vis cold grip/cut resistance level 2/resistance level 4/EN388
Filters	3M P3 filters (3125)
Respirators	3M 6300 respirator/clean shaven
Protective clothing	Full pulsarail orange hi-vis clothing
Safety glasses	Low light glasses/anti-fog/anti-scratch
Safety goggles	Ultrasonic goggle/anti-fog/anti-scratch/impact goggle - EN166-1B
Safety helmet	Comfort plus safety helmet - centurion reflex
Ear defenders	Port west PW40 - ear defenders - EN352
Boots	Steel sole plates (no rigger boots)

8. ENVIRONMENT:

DOMIS are to ensure that each work area has received an environmental clean prior to BCL operatives attending site.

BCL operatives must be trained in identifying hazardous objects such as waste needles. DOMIS to remove any needles found on site.

Sections of the work are to be carried out adjacent to the canal/waterways system. Therefore, controls should be in place for the potential risk of Weil's disease.

Correct P.P.E to be worn at all times and full welfare facilities provided to allow the washing of hands prior to meal breaks.

9. SERVICES:

Prior to BCL starting works on site DOMIS to carry out a survey of all work areas and isolate any services which may affect the scope of works or the safety of the operatives.

10. ACCIDENTS & EMERGENCY PROCEDURE

In the case of an accident on site, inform BCL supervisor.

Emergency co-ordinator

To be confirmed

DOMIS - Health & Safety Manager

To be confirmed

A&E Unit

Manchester Royal Infirmary - 0161 276 1234

Working at Height (Alloy access towers) Rescue plan

In The likelihood of a fall or emergency on a tower scaffold/mewp then BCL supervisor to sound the Emergency air horn to notify nearby workers of an accident.

Fully trained first aid operative and will make a decision to call the emergency services and the DOMIS site supervisors as necessary.

The designated rescue commander will brief the emergency services of the following:

Details of the Operative.

Male/Female

Age –approximate

Weight-approximate

Known problems from the fall/broken leg

Conscious/Unconscious

Equipment damage

Amount of time fallen/accident

In this situation no ropes or rescue equipment can be adopted from overhead rails and a rescue should not put any other operatives at risk.

The injured party should be kept warm and still until the emergency services arrive.

11. WELFARE:

DOMIS to provide B.C.L with a mobile welfare unit or an alternative unit close to the work area.... TBC.

12. METHODOLOGY

A complete breakdown of the methodology will be carried out for each task in the task briefing document when indicated on drawings issued for each arch by DOMIS.

A full list of each Task can be found in Description of works on page 1.

I confirm having read the Method Statement, Health and Safety Policy and all associated Appendices. All my work will be carried out in full compliance with this information

Print Name:	Signature:



RISK ASSESSMENT

Site:	VIADUX Project, Manchester	Distribution:	
Job No:		DOMIS Construction	
Prepared by:	Steve Eccleshare	B.C.L Supervisor	
Date:	11 December 2020	B.C.L Site operatives	

Process	Hazard	Risk	Level of Risk	Controls
Working at height	Falls of persons	Death or serious injury to employees or others	High	All scaffold to be erected by fully trained operatives and introduce a scafftag check system. BCL supervisor and trained operatives to ensure the ground is level and firm to erect the tower safely. Any platform is to be fitted with handrails and toe boards. A rescue plan to be in place in all works at height. Do not stand on guard rails or handrails Do not over reach
	Falling materials, flying particles etc			All plant and tools are to be securely leashed to prevent falling and causing injury below. An exclusion zone should be formed around the scaffold to prevent risk of falling tools / materials etc.
Manual Handling	Muscular/skeletal injuries	Injury to employees	Med/High	Manual Handling Must be avoided wherever possible. All operatives to have received Manual

				handling training. All bagged materials to be maximum 25 kgs. Delivery vehicles shall be unloaded by DOMIS Fork truck within main compound. Correct gloves, footwear, clothing etc shall be worn. Two persons shall be instructed to lift no more than 33kgs in any one joint lift.
Control of substances hazardous to health	Contact with Hazardous substances.	Damage to health of employees and others around you.	Med/High	All hazardous substances hazardous to health should be completely removed and replaced using a safer alternative. As a last resort the correct P.P.E MUST be provided, worn and maintained when handling hazardous substances. Manufactures information and Data sheets must be readily available at all times. All waste materials are to disposed of as the manufacturers recommendations at a licenced tip with written proof. COSHH assessments attached
Masonry Dust	Inhalation Flying fragments	Damage to lungs Damage to eyes	High High	Respirators to be face fit tested. Operatives to be clean shaven. Respirator filters to be changed on a regular basis. High impact goggles to be worn at all times of cutting/drilling masonry. Dust extractors to be used alongside of dampening down masonry. Wet cutting saws to be used when practical. Grinders with vacuums to be used as an alternative to wet cutting.
Drilling/cutting	Hand arm vibration	Injury to employees	Med	Eliminate work process entirely. Use alternative methods. Carry out vibration records as guidance sheet.

				Provide P.P.E in the form of padded gloves. Train operatives in the correct use of power tools and ensure job/task rotation to reduce exposure to a minimum. Do not exceed trigger times (EAV) as per the assessments Record usage time for monitoring purposes Keep warm at all times to ensure blood circulation Do not overgrip tools
Slips / Trips				Keep working area clear of materials and debris
Entrapment				MEWPS to be fitted with anti crush device Keep hands / fingers clear of any pinch points
Struck by moving vehicles				Use designated pedestrian walking routes. Adhere to exclusion zones and do not enter unless authorised



Manual Handling Assessment Checklist

Site: VIADUX Project, Manchester		Date: 11.12.2020
Job Description: Repairs to bridge structures		
Name: Steve Eccleshare		Signature:
<i>Is an assessment needed</i> – Is there a potential risk of injury to an employee during the work activity		Yes
Does the task involve lifting more than 25kg for a single person or 33kg for a two-man lift		Yes / No
If the answer is yes to either question then the assessment should be continued		
Task	Can mechanical means be employed Yes / No	If yes – control measures to be put in place
Loading / Offloading		
Transporting to required location		
Lifting to position		
Manoeuvring into place		
If the answer is no to any of the activities, can alternative measures be put in place to effectively reduce the risk e.g. levers / rollers / jacks / multiple lifting (3 persons = 37.5kg max. 4 persons = 50kg max)		
<u>Task</u>	<u>Yes / No</u>	Control Measures
If the answer is no to the remaining tasks, can the environment be changed to allow control measures to be implemented, e.g. alter scaffold / increase access routes / alter programme to eliminate other trades nearby		
<u>Task</u>	<u>Yes / No</u>	Control Measures
If the answer is still no to any of the activities, then under the present conditions an effective means of eliminating the risks or reducing to an acceptable level cannot be achieved and advice should be sought from your supervisor before commencing this work activity.		