

Designer's Risk Assessment: M32 Eastville Viaduct Noise Surveys																	
				Doc. No.		10044209-ARC-ENV-XX-HS-NV-00122 Rev 1					Reviewed by		Ed Heardgraves				
				Assessor		Arcadis					Issue Date		March 2021				
				RISK LEVEL									REVISED RISK LEVEL				
HAZARD REF NO.	WORKS LOCATION	ACTIVITY & HAZARD	CONSEQUENCE	L	S	R	F	MITIGATION & CONTROL MEASURE(S)					L	S	R	F	CONTROL MEASURE(S) FOR ACTION BY
EV001	Minor roads adjacent to Eastville Viaduct	Working adjacent to live traffic.	Works to take place adjacent to live traffic under Traffic Management (TM). Risk of operatives being struck by passing traffic and errant vehicles. Risk to road users from the works vehicles and TM. Risk to road users from vehicles entering and exiting site.	4	5	20	High	Mitigate the hazard as far as reasonably possible by considering effective Traffic Management that reduces risks. TM to create safety zone between workforce and users. Work should be carried out by a Competent Contractor in accordance with a safe method of working. TM design/setup is to ensure cone spacing prevents public access. Only suitably trained operatives to setup and maintain TM. Approved PPE to be worn at all times.					2	5	10	Medium	Contractor
EV002	Minor roads adjacent to Eastville Viaduct	Manual Handling	Risk of injury if not handling materials / equipment correctly or dropping materials / equipment.	3	2	6	Low	All weights of machinery and materials greater than 25kg to be stated on the Contractor's Risk Assessment & Method Statement (RAMS).No equipment materials or tools anticipated to weigh 25kg. Use the correct lifting technique, keeping the back straight and lifting from the knees.					1	1	1	Low	Contractor
EV003	Minor roads adjacent to Eastville Viaduct	Working at night	Slips, trips and falls. Accidents due to fatigue. Accidents due to poor lighting.	4	5	20	High	Works to be carried out during the day if possible. If not adequate task lighting is to be provided and adequate resources and welfare to be available on site. The level of lighting must be agreed with the overseeing organisation.					2	4	8	Medium	Contractor
EV005	Minor roads adjacent to Eastville Viaduct	Weather	Adverse weather conditions resulting in delays to investigations or potential injury to operatives.	3	3	9	Medium	Weather forecast to be checked in advance to allow for safe working site. Additional/Appropriate PPE may be required i.e. for colder conditions.					1	2	2	Low	Contractor
EV006	Minor roads adjacent to Eastville Viaduct	Working at height	Fall from mobile elevated working plaform (MEWP) or other means of access resulting in serious injury or death. Objects and debris falling off the cherry picker and injuring staff or members of the public.	2	5	10	Medium	Contractor to provide safe work plan and undertake appropriate risk assessment and brief staff on site through toolbox talk. Appropriate edge protection to be used to protect operatives from falling and members of public from falling objects and debris.					1	5	5	Low	Contractor
EV007	Minor roads adjacent to Eastville Viaduct	Existing overhead cables.	Injuries and death of working personnel. Partial or total loss of service, causing disruption to suppliers' network.	2	5	10	Medium	Details of overhead services obtained from relevant authorities and statutory undertakers. Presence to be highlighted on drawings and contractor notified, so safe systems of work can be developed.					1	5	5	Low	Contractor
EV008	Minor roads adjacent to Eastville Viaduct	All site works	Potential for operatives to catch Covid-19 due to current pandemic.	3	4	12	Medium	Contractor to implement safe systems of work for operatives, this will include social distancing. All site operative/attendees to check temperature and for Co-Vid symptoms, if found then they will not attend site. Social distancing to be used. Hand sanitizer to be available on site.					2	3	6	Low	Contractor
EV009	Minor roads adjacent to Eastville Viaduct	Anti-social behaviour. Area is known for anti-social behaviour.	Confrontation with members of the public.	4	4	16	High	Prior to commencing works, the contractor will assess the area including the risk of confrontation. Workers will be briefed on what to do if a confrontation/breach of TM was to occur. Possibility of employing additional security measures to be considered					3	3	9	Medium	Contractor
EV010	Minor roads adjacent to Eastville Viaduct	Connecting noise monitoring equipment to lighting columns. Potential for electrocution or electric shock.	Injury from electric shock, secondary injury from reaction to shock and risk of death from electrocution.	2	5	10	Medium	Contractor to provide safe work plan and undertake appropriate risk assessment and brief staff on site through toolbox talk. Appropriate liaison and approvals from authority maintaing lighting columns to be gained to ensure safe working.					1	5	5	Low	Contractor

LIKELIHOOD
1 = Highly Unlikely
2 = Possible

SEVERITY
1 = Very minor injury/illness, no disruption
2 = Minor injury/illness, low disruption

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			3 = Infrequent					3 = Major injury/illness, medium disruption												
			4 = Fairly Regular					4 = Major injury/illness, high disruption												
			5 = Highly Regular					5 = Fatality, very high disruption												
RISK FACTOR																				
				Severity																
					1	2	3	4								5				
Likelihood				1	L	L	L	L								L				
				2	L	L	L	M								M				
				3	L	L	M	M								H				
				4	L	M	M	H								H				
				5	L	M	H	H								H				