



NWR Project No: MSC5539

AG Contract No: SCOAM18

Issue:

Revision Date: 23/12/2021

Template based on NR/L2/OHS/0044/F02

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Date.....

.....
(Print Name)

.....
(Signature)

.....
(Job Title)

CEM / CRE Discipline (as stated in the CPP)

This Work Package Plan does not require acceptance by Network Rail / Client

OR

Accepted on behalf of Network Rail / Client:

Date.....

.....
(Print Name)

.....
(Signature)

.....
(Job Title)

(See clause 11 of NR/L2/OHS/0044 for the acceptance requirements)

Work Package Plan

MSC559
RED BURN (CRAIGENDORAN)
SCOUR REPAIR
NEM7
240/185
022.1430
G84 7JE

Start Date: TBC (MAR 22)

Finish Date: TBC (MAR 22)

Work Package Plan Number:

Add WPP No: MSC5539-001

Controlled Copy Number

Add Unique No: 01

Construction [Phase Plan / Reference] Number

Add Unique No:

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TBC	Site supervisor	Amco – Giffen	

VERSION CONTROL

REVISION NUMBER	SUMMARY OF CHANGES
Draft	
01	
02	
03	

High Street Environment?	Yes / No		
Competent Representative (COSS)	Name: Signature: Sentinel Number		
Segregation Type	Permanent physical Barrier		
	Fixed temporary physical barrier		
	Temporary portable barrier		
	Site keeper		
	Other, Describe		
Segregation Comments	<i>Works located on beachfront adjacent to NEM7 line at Sea wall defence structure</i>		



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1 Introduction

1.1 Brief outline of work methodology

1.1.1 *Works Remit – Installation of new concrete formed haunches along masonry arch section of structure 240/185 to remediate scour damage and provide preventative support to the structure abutments in future service.*

The site supervisor is to undertake a hazard review on site prior to works commencing to ensure that the WPP and SWP are reflective of the conditions and hazards at site. This is to include walking routes to/from the site and at place of works. This hazard assessment is to be formally recorded on POWRA. The supervisor will communicate this to you and how any further control measures required will be implemented and maintained and this will be recorded on POWRA.

Due to COVID-19 virus all briefings to be carried out with confined space of welfare van. All ops to keep a safe distance from each other during works i.e 2 meters as per recommended safe working practice, ops to wash hands before and after works with hand sanitizer available during works. Ops to be reminded to try and avoid contact with face.

Note* During COVID -19 the site supervisor will sign in on behalf of the works party.

The Site supervisor will ask each individual at the site signing in point:

- *If they currently have any of the potential Covid-19 symptoms, or*
- *If any of the people in their household currently have symptoms, or*
- *If they are living with a vulnerable person who is shielding from Covid-19*

Where any individual advises that they or a household member has symptoms, or is shielding they must leave site, return home and inform their line manager and HR coordinator without delay.

Corona Virus Mitigation

Prior to attending site if any personnel or persons within their household planned for the works experiences symptoms they should contact Amco HR prior to attendance on site

If persons on site experience a dry continuous cough or high fever they should immediately remove themselves from site notifying the Amco supervisor via phone

All personnel on site are to be equipped with face masks goggles and glasses

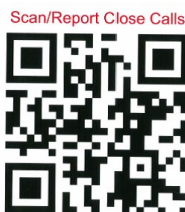
Where practical a 2 meter separation distance should be applied for the duration of the works

Where a 2 meter separation distance cannot be maintained personnel should equip themselves with face masks goggles and gloves during the task

Welfare units will be cleaned before and after each use

Welfare units to be used by 1 person at a time in line with social distancing rules staff should be given breaks on a rotational basis or use their own vehicles where possible

Further Covid 19 guidance can be found in Appendix 2 - Risk Assessment section of this document



TBS001 – Scour repairs / remediation

Site operatives will be signed into the attendance register by the AmcoGiffen supervisor.

Note: AmcoGiffen Supervisor to carry out POWRA prior to works commencement each shift

The site supervisor will carry out a site specific briefing to the workforce prior commencing works including:

- Work scope
- Whiteboard brief
- Location of emergency equipment
- Network Rail Hazzard Map
- Known Hazards
- Welfare provisions & Locations
- Check Competencies
- COVID-19 (Latest Guidance)

Site supervisor will confirm competencies, certification of plant and inspection of tools/plant prior commencement. The AmcoGiffen site supervisor must be on site at all times when works are taking place

Work party will meet at Craigendoran Station Carpark

Note: Area of works has been observed as being Tidal, working hours shall align with the local low tide for the time of year

Note: Amco Supervisor to obtain tide times and up to date weather forecast information prior to commencing each shift on site

A small Kubota type carrier will first be delivered to site for delivery of plant and materials to the works location along the water line

Note: All Plant / machinery shall be fully inspected for leaks prior to each shift ensuring no possible contaminants can leave the machine whilst working in the sensitive area

Note: All plant / machinery proposed for use on site shall comply with Check Clean Dry procedures and be thourally cleaned down prior to entry on or off the site of works

Once delivered the carrier shall be loaded by the site team and make its way to the area of works along the small footpath leading from the station carpark and down onto the beach

Note: Area is open to public access during works, all machine movements shall be under the direction / supervision of a trained and competent banksman who shall walk in front of the machine in its direction of travel at all times during movements

On arrival to the area of works the Amco supervisor shall instruct personnel to set up a demarcation zone to segregate members of the public from works

A Permit to work within a watercourse shall then be issued and briefed to all site personnel before the area of works is identified

Once identified trained and competent Porta dam personnel shall begin the installation of a temporary damming system to both the up and down stream of the culvert section



Existing piled scour protection to the box section of the culvert shall first be utilized to brace invert dam sections from preventing upstream water entering the watercourse

Once in place the pool created by the dam shall be utilized as a sump for the temporary over pumping arrangement

To prevent water back wash and ensure a suitably dry working area has been established a further water filled dam shall be installed at the culvert outlet

The water dam shall first be laid out across the beach front where personnel can utilize the over pumping arrangement to fill each balloon section creating a solid barrier against water ingress

Note: all plant and equipment (Including the outlet dam) shall be removed from the beach area on the completion of each shift

Note: Amco supervisor shall inspect the area to ensure dry working area has been adequately established before proceeding with works on site

Once the dry working area is in place the Amco supervisor shall demarcate the two work locations within the culvert area for repairs

Both abutment elevations shall be marked at proposed excavation extents and a trained and competent operative shall complete a buried services search of the area utilizing a CAT scanner and Signal generator to identify possible unknown buried services within the excavation locations

On completion all findings shall be passed to the Amco supervisor who shall issue a permit to dig for the works

Personnel shall then begin excavating the existing build up on site at each abutment until structure foundations have been exposed

Note: abutment foundations assumed at approximately 400mm from current ground level at site

As material is excavated from the area it shall be bagged and loaded onto the Kubota Carrier for removal off site and later disposal by Amco

As each excavation is progressed personnel shall install sacrificial steel box sections for later use in concreting as formwork

Each box section shall arrive on site pre-drilled for fixings coated to M24 standard in Chemco RL500PF to protect against corrosion and prolong the life of the steel

Sections shall be delivered to the site of works by the Kubota Carrier and from the beach be lifted into place by site operatives

Holes will then be drilled on the existing abutments to facilitate thunderbolt fixings to secure new formwork to the structure



Note: Mastic sealant shall be applied to all drill holes and along each edge of the formwork once installed to ensure a water tight seal has been achieved

The above noted methodology will be repeat until both abutment elevations have been excavated and formwork is installed and made watertight

Personnel can then commence concrete placement work

Note: All concrete used on site shall be Hanson underwater concrete or similar approved product

Note: Concrete placement works shall only commence at peak times for low tide to ensure the longest duration where the work area is dry

Personnel shall first set up a dry working area at site using banded visqueen to protect the existing landscape from concrete overspill

Once pollution protections have been adequately installed and inspected personnel shall begin batch mixing underwater concrete from 25kg sacks

Concrete shall be batched within the mixing area and then be placed on site manually by operatives using buckets

As concrete is placed personnel shall vibrate the mix to prevent air pockets building up within the finished product

Concrete shall be float finished at the upper extremity of the formwork with a slight gradient to prevent standing water during the concretes serviceable life

On completion of placement works concrete shall be allowed to cure for a minimum period of 7 days with the over pumping arrangement in place before the site is demobilised and Amco presence is removed from site

AmcoGiffen Supervisor will carry out a check of the work site to ensure no materials & equipment has been left within the watercourse, field and surrounding area.

Working area to be left clean & tidy.

1.1.2 The following tasks support this Work Package Plan:

Reference & Prepared by:	Task Briefing Sheet Title	Activity Start Date
TBS001 – K Docherty	TBS001 – Scour repairs	tbc



1.2 AMCO's delivery organisation

1.2.1 The following individuals from the AMCO's organisation will be involved during this work package:

Amend list as required

Role	Name	Contact Number
Regional Director	N/A	N/A
Regional Manager	A Kane	
Programme Manager	C Allan	
On Call Manager		
Site Supervisor	S Docherty	
ALO Responsible Manager	A Kane	
ALO Planner	K Docherty	
ALO Coordinator	N/A	
CRT Coordinator	N/A	
Temporary Works Coordinator	C Allan	
Engineer	K Docherty	
H&S Advisor	N Dunlop	
Sustainability & Assurance Advisor	M McDermott	
Procurement	Procurement North	

1.2.2 The following companies, specialist contractors and/or individuals will be involved during this work package as defined in the CPP:

Name of company, specialist contractor or individual, etc.	Work activity / Specialism	Point of contact details	
		Name	Mobile
KLR Rail	Civils / Rope Access	R Kerr	
Wellstrand	Agri services	D Blair	
ECUS	Ecology	D Oliver	

1.3 Resources

1.3.1 The following resources will be used for this work package:

Relevant Design Documents

A copy of any drawings and other design documentation relevant to this task can be found in Appendix 2

Document Ref	Document Title	Rev



People

Number of People and their competence associated with this WPP		Task
Competence	No of People	TBS Ref
AMCO SUPERVISOR	01	TBS001
PLANT OPERATOR	01	
BANKSMAN	01	
PORTADAM PERSONNEL	02	
SKILLED OPERATIVE	04	

Plant, Equipment and Tools

Quantity of Plant, Equipment and Tools associated with this WPP		Task
Plant item	No	TBS Ref
WELFAE VAN	01	TBS001
SITE VEHICLES	04	
KUBOTA CARRIER	01	
FULL BATCH MIXER	01	
A FRAME DAM	01	
WATER FILLED DAM	01	
DRY SUIT	03	
WATER WORKING PPE	02	
WATER SAMPLING KIT	01	
3" SUBMERSIBLE PUMP	02	
POWER TOOLS	04	
HAND TOOLS	04	

Materials

Quantity of Materials		Task
Material	Quantity	TBS Ref
STEEL FORMS	09	TBS001
MASTC SEALANT	04	
WATER SAFE CONCRETE	30	
RUBBLE SACKS	50	
SAND BAGS	50	



2 Working Together

2.1 At site communication

- 2.1.1 The Site Supervisor will brief the contents of the WPP and relevant permits before works commence along with the NWR Hazard Map. Other information to be discussed are as follows:
- Covid-19 site operation requirements.
 - Daily Whiteboard
 - Any Site specific requirements/details.
 - Access/Egress arrangements to the works location.
 - POWRA to be carried out before each task.

The Use of mobile phones must only be from a position of safety.
 Any Minor Changes to the WPP must be agreed with the On Call Manager using the POWRA booklet refer to 1.2.1 in the WPP above for contact details.
 Any significant changes will require an amendment to the WPP and signed off by the CRE/CEM refer to 1.2.1 in the WPP above for contact details.
 Out of Hours any incidents or issues must be discussed with the On Call Manager refer to 1.2.1 in the WPP above for contact details.

2.2 Contact details

- 2.2.1 The following are the main contacts for this work package:

NR Project Team

Name	Role	Contact details	Tick to confirm number works and has been tested
A Sinclair	NR SPM		YES
A Davidson	NR PM (West)		YES



Regulators

Organisation	Contact details	Tick to confirm number works and has been tested
Emergency Services	<i>Emergency – 112 / Non-Emergency 101</i>	✓
British Transport Police	<i>0800 405040</i>	✓
HSE	<i>Fatalities and Major Injuries - 0845 3009923. Other - http://www.hse.gov.uk/riddor/report.htm</i>	✓
ORR	<i>020 7282 2000</i>	✓
SEPA	<i>0800 807060</i>	✓
Flood line	<i>0345 9881188</i>	✓
Spill clean up	<i>0800 592827</i>	✓

2.3 Other parties involved with the package of work (interfaces details)

2.3.1 The following working arrangements will apply with all parties / organisations that have been identified with this work package:

Interfacing Organisation	Interface Point for:	Point of Contact and contact details	Interface arrangements
Marine Scotland	Marine licensing Permissions	TBC	License to be agreed & Issued before site works commencement
Scotrail /abellio	Land access	Tbc	Compound to be established adjacent to the station carpark for holding area whilst works are off site / during high tide



3 Hazard Management



3.1 Work involving particular risks

3.1.1 The work in this package does not involve any of the particular risk(s), as detailed in Regulation 12 (2), (Schedule 3) of the CDM Regulations 2015 **OR**

The work in this package involves the following particular risk(s), as detailed in Regulation 12 (2), (Schedule 3) of the CDM Regulations 2015:

Risk	When and where will the risk be present?	Permits Required	How will this risk be controlled?
Work which puts workers at risk of burial under earth falls, or falling from a height,			
Work which puts workers at risk from chemical or biological substances constituting a particular danger to the health or safety of workers or involving a legal requirement for health monitoring			
Work with ionizing radiation requiring the designation of controlled or supervised areas under regulation 16 of the Ionizing Radiations Regulations 1999			
Work near high voltage power lines			
Work exposing workers to the risk of drowning			
Work on wells, underground earthworks and tunnels			
Work carried out by divers having a system of air supply			
Work carried out by workers in caissons with a compressed air atmosphere			
Work involving the use of explosives			
Work involving the assembly or dismantling of heavy prefabricated components			



<p>Use of Mobile plant on site HRA</p> 			<p>followed at all times whilst on site</p> <ul style="list-style-type: none"> Plant operators access permit to be issued prior to works commencement Operators manual to be available on site prior to use of the machine Machine to be delivered as per Pre discussions with supplier Exclusion zones to be set up around all machine works on site using cones to demarcate Max speed when on site is 5mph Where required a trained and competent banksman will be appointed to aid in specific tasks All persons on site shall be equipped with hivis PPE as minimum All persons shall be briefed on the respective site machines blind spots on site Machine shall be stood down and isolated when not in use
<p>Plant People interface HRA</p> 			<ul style="list-style-type: none"> All Plant to arrive on site certified All plant to be equipped with Reversing alarm And beacon All personnel on site to be briefed on the PPI Arrangements for the plant on site Blind spots to be noted and briefed to personnel prior to works Exclusion zone (Amber)(+3.00M from machine extremity) to be set up and enforced by the Amco supervisor on site demarcated using cones and tape All personnel on site to be equipped with HI visibility PPE at all times All plant used must be appropriate for the task in



			<p>hand</p> <ul style="list-style-type: none"> All personnel working near the exclusion zone must obtain appropriate confirmation that it is safe to enter / pass the area before doing so
<p>Buried services HRA</p>		<p>Permit to Dig</p>	<ul style="list-style-type: none"> Permit to Dig to be issued for all excavation/ground drilling works Trained and competent Buried service survey operatives to carry out a CAT and Genny survey of all areas requiring excavations Where appropriate Service plans will be provided for reference during excavation works NO mechanical excavation within 1500mm of any known service NO Excavation within 1500mm of any known service without prior director approval Task specific control measures to be in place for each individual excavation
<p>COSHH Substances</p>	<p>When handling hazardous or items detrimental to health or the Environment</p>	<p>N/A</p>	<ul style="list-style-type: none"> COSHH data on site for COSHH items Task Specific PPE worn at all times when handling COSHH Items Harmful substances to be used as per Manufacturers recommendations COSHH items stored off site when not in use Operatives to be equipped with task specific PPE at all times whilst using COSHH items
<p>Hot works HRA</p>	<p>When cutting, Grinding & Welding</p>	<p>Hot works Permit</p>	<ul style="list-style-type: none"> Hot works permit to be issued Fire extinguisher to be kept on site at a location suitable for the task Site supervisor shall ensure fire extinguisher



			<p>is correct type for task</p> <ul style="list-style-type: none"> All possible flammable materials shall be removed from the vicinity Where appropriate personnel shall be equipped with flame retardant PPE 1hr fire watch to be carried out after hot works.
Slips Trips and falls	At All times on Site	N/A	<ul style="list-style-type: none"> Care to be taken when walking on site. Underfoot conditions to be highlighted on the NWR hazard map AmcoGiffen supervisor shall brief the site team on the hazards identified on the hazard maps Steel toe cap boots must be worn at all times Clear all waste and debris from site on regular basis Amco Supervisor to position site lighting prior to works commencement Site access arrangements to be identified at scoping visit and incorporated into Works methods
Manual Handling	At all times on Site	N/A	<ul style="list-style-type: none"> Check access route before works commence for uneven ground or obstructions. Assess the load before lifting. Seek help for awkward shaped items of for carrying over long distances.
Operating Small Plant and tools	When using small tools	N/A	<ul style="list-style-type: none"> Operators must be trained and competent in the use of small tools Impact goggles/Face shield to be worn at all times when operating equipment Inspect plant and equipment before use. Report faults to Site supervisor. Take damaged plant out of use and quarantine

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			<ul style="list-style-type: none"> Plant to be inspected prior to each use Plant to be sanitized pre and post use
HAWS EAVS	When using small tools	N/A	<ul style="list-style-type: none"> Keep hands warm when operating grinding equipment/chipping gun Operatives to be briefed on EAV & ELV times limits. Site supervisor to monitor and record trigger time. Rotate workforce to minimise exposure times No works to commence until Amco Supervisor has referred to the Trigger time register and briefed all operatives on the EAVs for the plant on site, this register must be adhered to at all times during the works
Leptospirosis	At all times on site	N/A	<ul style="list-style-type: none"> Wash hands before eating drinking and or smoking. Gloves to be worn at all times.
Sharps / Needles	At all times on site	N/A	<ul style="list-style-type: none"> Contact NR sharps (01904525894) Keep clear until such times as area is cleaned of all sharps/needles
3 rd Parties	At all times on site	N/A	<ul style="list-style-type: none"> Make area safe at breaks and end of shifts Be courteous to members of the public passing the work area Avoid shouting and loud plant where possible All areas classed as working locations must be segregated from the general public Clear signage in place to divert members of the public past works
Working in hours of darkness	At all times on site	N/A	<ul style="list-style-type: none"> Task lighting to be positioned as to illuminate Access/Egress and Work Area. Areas to be kept clear at all times, Ops to be briefed prior



			<p>works</p> <ul style="list-style-type: none"> • Personnel to be equipped with personal lighting for all works at night • Vehicle chevrons to be retro reflective for works near roads
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3.3 Lifesaving rules and High Risk Areas

3.3.1 The following table highlights those Life Saving Rules applicable to this WPP

Always		Never	
	✓ or X		✓ or X
	✓		✓
	✓		✓
	✓		✓
	✓		✓
	✓		✓

3.3.2 The following table highlights those HRA's applicable to this WPP

High Risk Activities associated with the works					
✓ or X					
Working at Height		X	Change Management		✓
Breaking Ground		✓	Lifting Activities		X
Confined spaces		X	People & Plant		✓
Fire and Hot works		✓	Electrical & Stored Energy		X
Work Related Road Risk		X	Railway Operations		X
Work in, over or near water		✓	Works producing dust, noise & vibration		✓



4 Environmental and Waste Management Arrangements

4.1 Environmental management arrangements

4.1.1 The following environmental issues are applicable to this WPP

Environmental Issues	Project Control Measures	Environmental Consents and Permits
Management of oils and chemicals	<ul style="list-style-type: none"> All tanks shall be bunded in accordance with the oil storage regulations. Storage facilities shall be positioned at least 10m away from a watercourse Drip trays / plant nappies shall be used whilst refuelling. Containers shall be fit for purpose, labelled and have proper fitting lids. Containers and tanks shall be made secure against vandalism or theft Refuelling and concrete washout shall take place in a dedicated area at least 10m away from a watercourse Spill kits shall be kept on site in high risk areas and shall be appropriate to the risk and amount of oils and chemicals present 	
Management of silt	<ul style="list-style-type: none"> Consideration shall be given to the silt hierarchy where potential for silt/soil pollution on site 1-eliminating work within the water 2- isolation of working area 3-minimising soil/silt movement through choice of methodology or reducing veg strip 4-controlling runoff/silty water using straw bales, sedimats, silt fences 	
Dust, Noise, Odour	<ul style="list-style-type: none"> Dust from cutting or grinding to be suppressed using water Noise hierarchy to be followed in accordance with BS5228 – Eliminate- Where possible carry out the task Substitute- use silenced tools where appropriate Isolate- complete works where noise is unavoidable together Control – use sound barriers where affective Hybrid or battery operated technology to be utilised where possible Silenced plant to be used where possible Screening to be used where appropriate 	



4.2 Waste management arrangements

4.2.1 The following waste management arrangements are applicable to this WPP. All waste shall be reused or recycled in accordance with the Site Waste management Plan.

Waste type	How will it be stored?	Testing required prior to disposal	Waste classification	Reuse (R) onsite / Disposal off site (D)
Excavated material	Bagged	Yes / No	Non Haz / Haz	R / D
General waste	Bagged	Yes / No	Non Haz / Haz	R / D
		Yes / No	Non Haz / Haz	R / D
		Yes / No	Non Haz / Haz	R / D

5 Emergency Arrangements

5.1 Site emergency arrangements

Site Location:		
Contact	Name or Location	Tel. Number
Ambulance, Fire	Various	999 (112 from Mobile)
BT Police	Control Centre	0800 405 040
Incident Controller	NWR	0141 335 2020
Gas	Nation Grid	0800 111 999
NR Sharps	NR	01904 525 894
Scottish water	Emergency	0845 600 8855
Nearest A & E Hospital	Paisley Royal Alexandria Hospital Corsebar road Paisley PA2 9PN	999-101
SEPA	Control Centre	0800 807 060 24/7/365
Flood line	National Flooding Helpline	0345 988 1188.
Spill response	Addler & Allan	0800 592 827

Reporting of Accidents, Incidents & Close Calls

All H&S Accidents, Major Environmental Incidents, Damage to Client or Utility Infrastructure and Rail Possession Irregularities are to be verbally reported as soon as practicable, to line management. Any Incident/Accident must be reported through the AMCO on-call as soon as site is safe and in a position to do so and or request your assistance to update NWR Control.

Person reporting to the AmcoGiffen 'On-Call Manger' to Check and Confirm the following:

- Who you are (Joe bloggs),
- Your location (Example East Junction or near to SH20 (sierra, hotel, two, zero) signal
- Identify what has happened i.e. the accident/incident/significant close call
- What action needs to be taken i.e. Emergency Assistance, Emergency Line Block etc?
- Confirm whether this has been reported to NWR Control (Decide who will report this) Reporting to NWR must be within 2 hours of the event happening.
- Photographs to be taken of location



5.1.1 First aid arrangements

5.1.1.1 The first aid arrangements for this package of work are

First aiders	Name	Qualifications
	S Docherty	First Aid at Work
Likely injuries associated with this work package	Crushed Bones, Open Wounds, Cuts, Scrapes, Bruises	
First aid equipment provision	Equipment	Location
	First Aid Kit	Welfare Van / Onsite

First Aid Kit to be checked prior to starting work

5.1.2 Evacuation arrangements

5.1.2.1 All site personnel will evacuate using the designated emergency exit route and make their way to the fire assembly point / muster point immediately after hearing the emergency horn. They will wait there until further notice.

Muster point: Craigendoran Station Carpark

In the event of a fire, the person who identifies the fire will utilise the air horn and all site personnel will evacuate using the designated emergency exit route and make their way to the fire assembly point / muster point immediately after hearing the emergency horn, they will wait there until further notice.

In the event that an individual is required to be rescued from a situation this will be carried out by a site recovery stretcher board where they will be carried back to above muster point where they will aware emergency services – **(Craigendoran Rail Station – Helensburgh – G84 7JE)**

5.1.3 Fire safety arrangements

5.1.3.1 Firefighting equipment will be available on site in a safe location with additional fire extinguishers stored in site vehicles, AmcoGiffen personnel should only attempt to extinguish fire where safe to do so, Fire services can be summoned from the supervisors mobile quoting location reference: **(Craigendoran Rail Station – Helensburgh – G84 7JE)**

5.1.4 Security arrangements

5.1.4.1 Keep site vehicles locked when not attended and remove all plant, tools and materials at end of every shift and during breaks.

5.1.5 Environmental Emergencies

5.1.5.1 Extreme Weather and Flooding: *If water levels rise to a level that the supervisor deems unsafe then works will be postponed until the water level lowers.*

5.1.5.2 Oil Spill: Adopt the following procedure where safe to do so: STOP the source of the spill. CONTAIN the spill using available spill equipment. NOTIFY your Site Manager. CLEAN UP the spill and dispose of waste materials as a hazardous waste. If the spill is beyond your control, contact the 24hr emergency response contractor on 0800 592827.



5.1.5.3 Silt Incident: Adopt the following procedure where safe to do so: STOP the source of the silt disturbance where possible. CONTAIN the silt using resources on site (e.g., straw bales, sedimats, and creation of diversion drains). NOTIFY your Site Manager. CLEAN UP any silty water held and remove used silt mitigation measures once water quality has returned to normal.

5.1.6 Summoning emergency services

5.1.5.1 Emergency Services can be summoned by using the COSS/Site supervisors Mobile (Location to be agreed within Pre start Briefings on site) in the case of this work package plan the workforce will inform the emergency services of the following information relating to the location – **(Craigendoran Rail Station – Helensburgh – G84 7JE)**

5.1.7 Railway emergency (trains and electrical)

5.1.6.1

	Contact Details
ECO	0141 335 4087
Signal box	N/A
Protection Signals Ref	N/A

In the event of an emergency affecting the safety of the railway the following actions will be undertaken.

1. Do not place yourself or the safety of others in danger
2. The lead communicator on site will be one of the following people and in this order – PICOP > Route Setting Agent > Protection Controller > COSS or SWL or IWA.
3. In an emergency a train can be stopped by raising both arms in the air or at night by waving a light vigorously
4. In an emergency the **signaller / ECO** shall be contacted immediately via mobile phone or using the nearest signal post telephone.
 The lead communicator shall state (*using the phonetic alphabet to communicate any difficult words*) :
 - ‘This is an emergency call’
 - Confirm who you are speaking to the right person *ie usually the signaller or Electrical Control Operator (ECO)*
 - Tell them
 - who you are (*Joe bloggs*),
 - what you do (*ie COSS*); and
 - your location (for example *Shapton East Junction or near to SH20 (sierra, hotel, two, zero) signal*
 - Describe the problem and what part of the railway is affected *ie Down Main xx or Level crossing at yy*
 - Tell them what action needs to be taken *ie any emergency service required*
 - Ask the person to ‘repeat back’ the information
 - The Signaller or ECO shall end the conversation.

5.1.8 Asbestos

5.1.7.1 N/A



5.1.9 Utilities

5.1.8.1 **N/A**

Organisation	Contact details
Electricity	105 or 0800 092 9290
Gas	0800 111 999
Telecoms	0800 800 151
Water	0843 557 3120

6 Work Package Arrangements

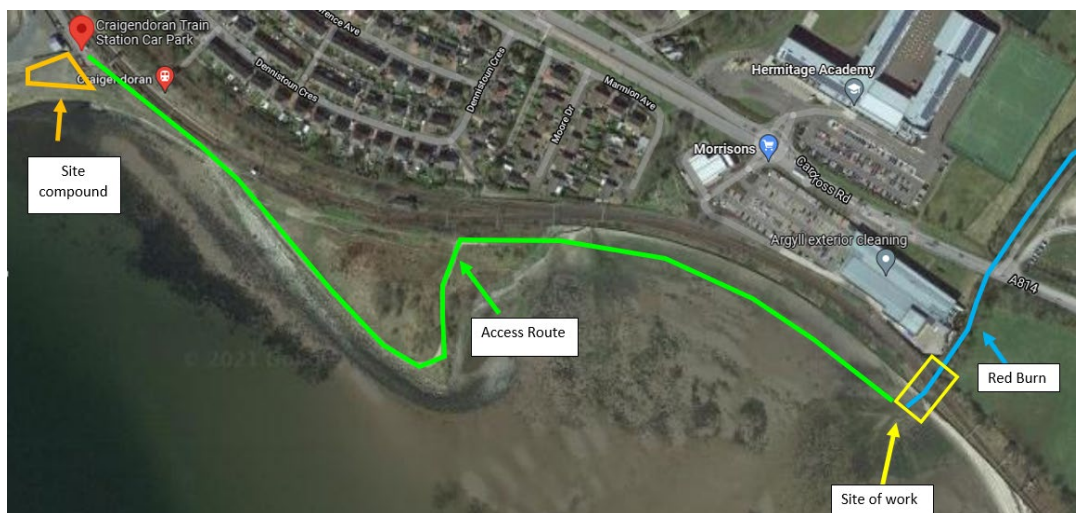
6.1 Site Layout

6.1.1 **The site of work is located at structure**

6.2 Access and Egress

6.2.1 **Access** – Access to the site shall be from Craigendoran station along the public footpath and onto the beach where the works structure is located

Parking – Parking shall be made available at Craigendoran Station





6.3 Welfare

6.3.1 AMCO shall comply with the requirements of the Network Rail Welfare Standard NR/L3/INI/CP0036 Appendices A & B. Details on site welfare provision can be found in Appendix 3 of the CPP.

Welfare Assessment Matrix

No. of Persons	No. of work periods (consecutive shifts, days or nights)								
	1	2	3	4	5	6	1 Week	2 Weeks	>2 Weeks
1	A	A	B	B	B	B	B	B	B
2	A	A	B	B	B	B	B	C	C
3	A	A	B	B	B	B	C	C	C
4	A	B	B	C	C	C	C	C	C
5	A	B	B	C	C	C	C	C	C
6	A	B	B	C	C	C	C	C	C
7	A	B	C	C	C	C	C	C	C
8	A	B	C	C	C	C	C	C	C
9	B	B	C	C	C	C	C	C	C
10	B	C	C	C	C	C	C	C	C
11+	C	C	C	C	C	C	C	C	C

KEY

Category A: Transient site. Arrange for sufficient and suitable local facilities to be used. These may be public or private facilities, e.g. NR stations/depots/buildings/signal boxes, garages and shops.

Category B: Transient site. Arrange for suitable and sufficient temporary welfare facilities, e.g. welfare vehicles.

Category C: Non-Transient site. Establish a site cabin with fixed welfare facilities, car parking, traffic management, site access control, etc.

Note 1 The overall travel time to any toilet provision shall be not more than 20 min from the point of work, but ideally within 10 min

Note 2 In certain circumstances local facilities, if suitable, permanently available and by agreement, may be preferable to temporary site welfare facilities.

Note: Due to site and COVID-19 restrictions works will be serviced by way of Welfare van. Welfare Vans must be thoroughly cleaned at the end of each break / shift, e.g. chairs, door handles etc.

Equipment such as kettles, microwaves etc. are provided, they must be regularly cleaned and/or sanitised and enhanced cleaning measures.



6.4 Rail Traffic Management

6.4.1 Not applicable to task

6.5 Road Traffic Management

6.5.1 Not applicable to task

7 Hand Over and Hand Back Arrangements

7.1 Hand over and hand back arrangements

7.1.1 AmcoGiffen Supervisor will carry out a check of the work site to ensure no materials & equipment has been left within the watercourse, field and surrounding area.
Working area to be left clean & tidy.



Appendix 1 – Risk Assessment

Place RA Here



Appendix 3 – Site Layout Plan



Work Package Plan – [SCOAM18 – MSC5539] – Issue#01

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Parent Procedure:	HS52: Planning and Managing Rail Construction Work	