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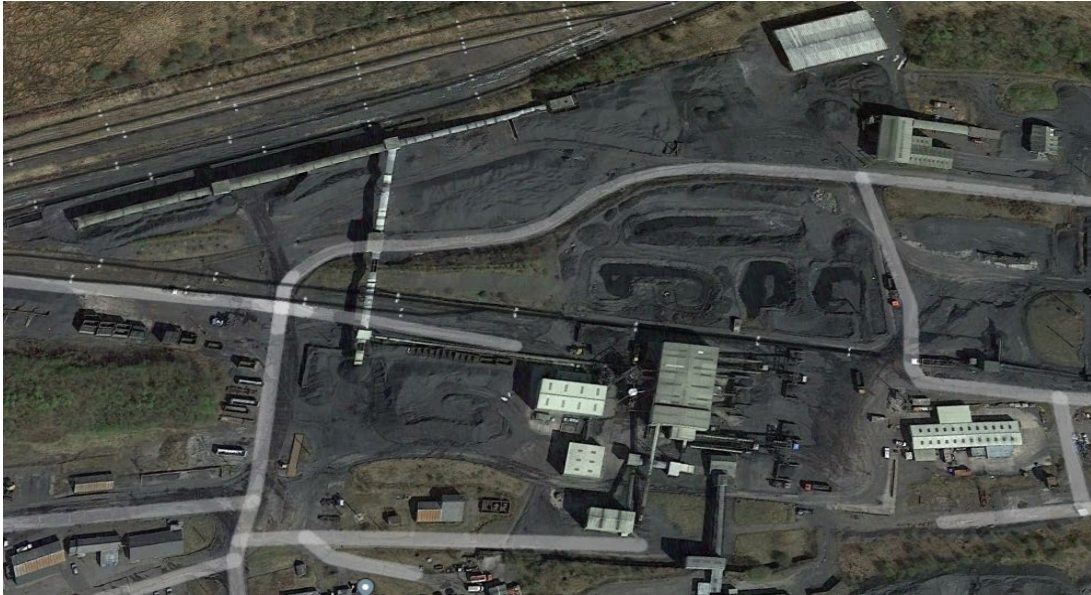
Construction Traffic Management Plan (CTMP) - Planning Condition 12

Global Centre for Rail Excellence (GCRE)

[07th November 2022\]](#)

2022/SEPTEMBER/07

Construction Traffic Management Plan



For:

Project: GCRE Phase 1A Earthworks Package

Project Number: C1437

Revision	Issue Date	Originator	Approver	Detail of change
0	04/11/22	AP	RT	

This Construction Phase Health & Safety Plan will be reviewed on a monthly basis
This document is uncontrolled when printed

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Introduction:

This document details the management controls for high risk areas relating to pedestrian and vehicle movement both internal and external to the site. Included within is a Risk Assessment for Traffic/pedestrian management.

The Construction Traffic Management Plan will be continually monitored and updated as the site develops, and conditions change.

Once the plan has been developed and put in place a site drawing/map should be made available to all site personnel and used as a means of passing on site information during site inductions. The following information/areas are to be identified:

- a. Vehicle routes.
- b. Pedestrian routes.
- c. Site compound/offices.
- d. Emergency assembly points.
- e. Offloading/delivery/storage areas.
- f. Contractors parking.
- g. Visitors parking.
- h. High risk/out of bounds areas.

1. VEHICLE TRAFFIC MOVEMENT

- The project is located just to the North of the village of Onllwyn on a parcel of land between the A4221 to the north of the site and the A4109 to the south of the site. Using the A4109 (Wembley Avenue) to turn right onto a private road and 1st right again into the entrance of the washery you will enter the main carpark for the washery, with the site offices, workshops, and visitors centre just to the north.
- The washery has a number of access points, for this project:
 - all cars and vans will use the private Road, turning right off the A4109 when coming from Glyn-neath, turning first right into the main carparking area, providing access to the site offices
 - HGV's delivering plant and equipment for the works will use the HGV entrance gates into the site from the A4221. Noting that a one-way system is in place, with the egress from the site being on the A4221 just to the east of the wash plant. As shown on traffic management layout attached. HGV deliveries accessing the site via the A4221 will avoid getting onto the A4221 via the A4109 through Severn Sisters.
- No abnormal deliveries will be required to deliver the GCRE Phase 1A earthworks.
- All suppliers will be informed of the access and egress arrangement when material orders are place.
- Temporary fingerboard signs will be set out in advance on the A4221 to advise delivery

vehicles of the GCRE construction site entrance.

- A site speed limit not exceeding **10mph** should be enforced at all times within the site when the site is active. Traffic calming measures should be introduced where necessary in order to achieve this target.
- A Certificate of Thorough Examination of Certificate of EC Conformity is to be in place for all plant/lifting equipment being operated on site.
- All persons operating plant/lifting equipment are to supply a copy of their current Training Certificates/Licenses to the Site Manager.
- When not in use all plant/equipment is to be left in a safe and secure condition. (When practical keys should be retained in a central location under strict control).
- All plant/lifting equipment should be fitted with a serviceable flashing beacon that is to be used whenever transiting the site.
- All plant/lifting equipment is to be fitted with an automatically engaged audible reversing alarm.
- All dumpers in use on site are to be fitted with a serviceable lap belt, which is to be worn by the operator at all times during use.
- When site conditions permit, a one-way traffic system is to be in operation, the system is to be clearly signposted.
- Where a one-way traffic system cannot be operated, a clearly defined turning area is to be provided and signposted. Parking/unloading is not to take place in this area.
- Where conditions dictate that provision of a turning point is not practical then a Banksman must be used to assist vehicles/plant when reversing.
- During works at an occupied site, all vehicles/plant that are required to manoeuvre through operational areas may need to have a Banksman.

2. PEDESTRIAN TRAFFIC

- No interruption will be made to the existing footpaths and cycle tracks in and around the two construction site entrances off the A4221 and A4109
- All pedestrian routes, where practicable are to be clearly signed and adequately fenced off from main traffic and construction routes on site.
- Where practical, Heras fencing or pedestrian street barriers should be used to fence off routes.
- During works at an occupied site (Operational WTW), the client is to have right of way at all times unless traffic signs dictate otherwise. The client is to be informed of plant movements with the appropriate warning signs. The client/public should not come within one meter of any construction activity.

- Where pedestrian routes cross vehicle/plant traffic routes these areas must be clearly marked on the ground and on the site map. The crossing points must provide maximum to both pedestrians and vehicle/plant operators.
- Pedestrian routes should be levelled, stoned and barriered where practical to permit safe use.

3. PARKING

- Parking will be within site car park at the site office compound, PPE must be worn once you have entered the works area. No parking will be allowed on the public highway.

4. COMPOUND AREAS

- Compounds/storage areas should have a separate pedestrian access, this includes two offices and welfare facilities, these routes must be clearly identifiable.
- All delivery companies will be informed of restrictions for HGV's and enter through designated entrance off A4221.
- All pedestrian access routes to/from the car park and Compound will be briefed to the workforce as part of the site inductions. Any changes will be briefed as part of tool box talks and daily pre-start briefings. All routes will be identified on the site plan displayed on the site notice boards.
- Security will be provided by the existing security fence currently following the perimeter of the site. Out of hours security guards will be present.

5. MATERIAL DELIVERY

- Material deliveries will be called off by the site team to suit the current program. All deliveries will be through the main access to the Washery site and all drivers must sign in at the weighbridge in accordance with Walters Group Site Rules.
- Although there are no schools on the direct access route to the scheme delivery times will be restricted to minimize impact to the local residents and during rush hour traffic congestion. Deliveries will be made aware of narrow roads/low bridges, obstacles such as local roadwork's and the designated routes to be adhered to.
- All material delivery drivers will receive a specific delivery drivers' induction which will be detailed in the Construction Phase HSE Plan.
- No loading or unloading will be carried out on the public highway.
- All loose HGV loads will be sheeted on delivery to site .

6. ROAD CLEANING – BRUSHING

- If due to ground conditions, adverse weather conditions then road-sweeping operations are to be utilised as required to ensure that the site roads and any public roads affected externally are kept clean.
- Where necessary a wheel wash will be made available to avoid public road contamination.
- Environmental risk assessments should be carried out in order to identify risks and appropriate environmental control measures.

7. SITE TERRAIN

- The terrain on site does not present a significant risk of vehicles/plant overturning when being operated the usual manner and at the site speed limit. However, during periods of inclement weather site haul routes and operations will be regularly assessed and any changes to the condition of the haul roads/operations resulting in the risks increasing will be assessed and dealt with accordingly.
- All drivers will be advised of potential high-risk or danger areas.
- Excavations will be protected by a physical barrier such as bunds or stop blocks to prevent mobile plant over running into the excavation.
- All mobile plant and delivery vehicles will be fitted with suitable tyres to address the terrain and weather conditions prevailing at the time of the works. (a suitable and sufficient amount of tread will be present as specified in manufacturers specifications).

8. PPE

- Hi-Vis clothing is mandatory on site, pedestrians transiting the site, banksmen, contractors working in close proximity of plant are to wear hi-vis at all times.
- Hi Visibility clothing is an active control measure that is a part of the traffic management plan.

9. RISK ASSESSMENT

A Traffic management risk assessment has been completed in accordance with Walters risk assessment procedure utilizing template PLAN 04.1 Traffic Management Inspection and specific site risk Assessment.

- Mon to Fri 07.30am to 18.00pm
- Sat 07.30am to 13.00pm
- No working on Sundays and bank holidays

Any out of hours working required to complete the works will require the approval of the Project Manager.

10. SEGREGATION OF VEHICLES AND PEDESTRIANS

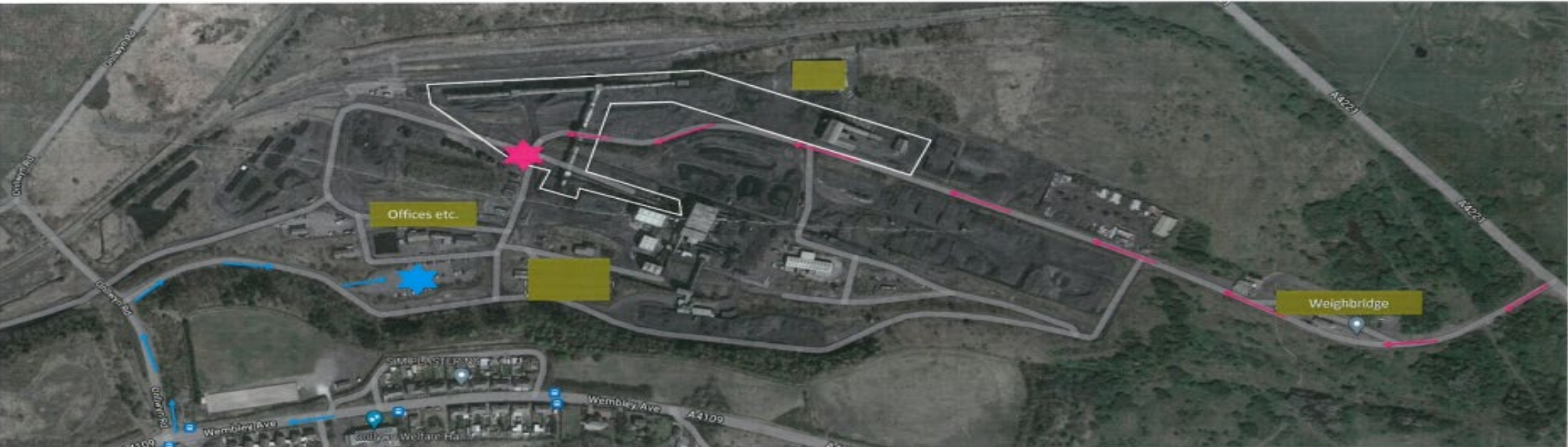
The method of delivery / removal of materials and plant from the site, including the identification of access routes for deliveries and personnel will be agreed through an approved Traffic Management Plan. In Summary, all deliveries and site traffic will access via A4221, and leave at the junction for the Washery back onto the A4221 . Once entering the development dedicated signage will direct all Walters deliveries to the unloading area at the Walters compound. Traffic movement to the site will be kept within the agreed hours and HGV movements should be limited during peak commuting hours to minimize disturbance. Site staff, suppliers, and hauliers will be informed of the appropriate access to site.

Control Measure/Areas requiring Control	Action required/by whom.
1. Pedestrian access to site.	Will be through gate access
2. Pedestrian access to compound/storage areas.	Will be along segregated walkway with well-defined crossing points
3. Pedestrian movement through site.	Will be along segregated walkway with well-defined crossing points
4. Vehicular access/egress to/from site.	Will be as the delivery plan
5. Vehicular movement through site.	Will be along main roads through sites and all attempts will be to have a one way
6. Security fencing	Will be double clipped Heras fencing
7. Site Car parking.	A car park will be formed in the of the site.
8. Compound/Storage areas.	Will be located.....
9. Delivery timings	Mon-Fri 8:00 am to 6:00pm. Saturday morning deliveries will be discouraged with the exception of urgent deliveries
10. Delivery/offloading areas.	Compound delivery area
11. Site speed restriction systems & traffic calming measures and controls.	10 mph
12. Traffic/Pedestrian warning signs.	These will be sited at the site entrance and also around the site.
13. Barriers for high-risk areas.	Segregation of the public will be by pedestrian barriers. Other areas
14. Occupants & nearby residencies.	Courtesy will be offered to the neighbours at all times. Parking on the public highway as a last resort.
15. PPE.	Hard hats, high viz trouser & long sleeve jacket, safety footwear, gloves & safety glasses

Signed:.....



Traffic Management Plan TM1 – HGV/Equipment Delivery and Cars/Workers Access :



Key :
HGV / Equipment delivery route :- 
Cars / Workers access :- 