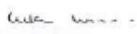
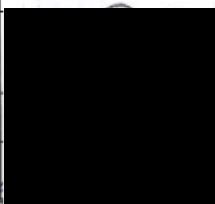



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Traffic Management Plan

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1 Introduction

- This Traffic Management Plan (TMP) has been produced to reduce the potential hazards associated with the movement of vehicles, mobile plant and pedestrians on the project.
- An effective TMP will provide for safe traffic movement and satisfy the requirements of the company's Health & Safety Policy, the Site Health & Safety Plan and ensure compliance with the Construction Health, Safety & Welfare Regulations 1996.
- All operatives carrying out these works will be inducted on this TMP, the Emergency Preparedness Plan and the Construction Phase Plan prior to commencement of any works. A record of the briefing shall be maintained within the site files.

2 Project Outline

- The works form part of the Embankment Stabilisation project of Kingsbury Curve (B088 EM4) on the Jubilee Line, from Wembley Park to Kingsbury.
- The Project Office is located at:

LU Site Compound
24 – 26 Uxendon Crescent
Wembley
London
HA9 9TN
- For a further in-depth description of the project scope of works, please refer to the Construction Phase Plan (LUL-B088-P954-HSE-PLN-00003).

3 Emergency Procedures

Please refer to the Emergency Preparedness Plan (LUL-B088-P954-HSE-PLN-00004) for details on how to deal with any unplanned occurrences which may happen on site.

4 Roles, Responsibilities and Communication

- Everyone on site has a responsibility to comply with the Traffic Management Plan.
- The following list details responsibilities of certain key personnel:

Job Role	Name	Company	Responsibilities
Construction Manager	Martyn Tribe	London Underground Principal Contractor	Develop the Traffic Management Plan (TMP) in accordance with company procedures and applicable legislation. Control site activities to comply with the requirement detailed in the TMP. Brief the TMP to project engineer



			and SPC. Review TMP and improve where necessary.
Site Supervisor	TBC	LUL/Joywheel	Brief the TMP to the relevant site operatives. Ensure compliance to the plan and monitor the works to ensure plan is working effectively. Report back to site management if plan is ineffective.
Gateman/Banksman Traffic Marshals	TBC	LUL/Joywheel	Ensure that they attend the TMP briefing. That they understand the contents of the TMP and how to implement the measures defined in it. That they comply with all safety measures identified within the plan. That they provide feedback to site management when requested in relation to affectivity of the plan.
Machine Operators General operatives	TBC	LUL/Joywheel	Ensure that they attend the TMP briefing. That they understand the contents of the TMP and how to implement the measures defined in it. That they comply with all safety measures identified within the plan. That they provide feedback to site management when requested in relation to affectivity of the plan. That they abide by the speed limits and constraints outlined within the plan.

- The key points of the TMP will be communicated to the full site team at the initial induction, prior to the commencement of the work and to all visitors. Copies of the signed briefing register will be kept at the site office.
- Weekly staff surveys will be used to ascertain if the plan is working correctly where the site team will be asked for feedback.

5 Plan Scope

5.1 Access and Egress

Access and egress to the northern section of the site (past the culvert) is proposed to be along the public footpath between No.79 and No.81 Uxendon Hill. Dumper trucks will bring materials to and from the main site compound at No.24/No.26 Uxendon Crescent. The vehicles will travel along Uxendon Hill road and then a short distance along the public footpath to the toe of the embankment.

There will be a full time traffic marshal stationed on site, who will supervise all dumper truck movements along the public footpath.

The details of the proposed vehicle movements along the footpath are:

- 6 tonne (maximum load permitted) dumper trucks only.
- Maximum of 15 dumper truck movements along the public footpath in any one day.
- All dumper trucks to operate at a maximum of 5mph.
- Public access to the footpath will always take priority over dumper truck movements. The pathway will remain open to the general public at all times.
- Site hours are 9am to 4pm Monday to Friday. There will be no dumper truck movements at weekends.
- A small road sweeper will be present on site, any spillage of loose soil will be cleaned away immediately.

5.2 Residents

Vehicle movements along the public footpath are restricted to:

- 9am to 4pm Monday to Fridays
- No vehicle movements along the footpath at weekend
- No lorry deliveries along Uxendon Hill Road except for the initial delivery of plant and removing plant at the end of the work. All large deliveries will be to the main site compound on Uxendon Crescent.

5.3 Parking

No vehicles or site visitors will access or park along Uxendon Hill Road.

5.4 Pedestrians

A full time traffic marshal (banksman) will be present to supervise all movements along the public footpath. All dumper truck vehicles will not exceed 5mph. While the dumper truck moves along the pathway pedestrian movements will be temporarily restricted for a few minutes each time.

5.5 Signage



Warning signage on the approach to the public footpath will be erected, warning the general public of the:-

- Traffic Routes
- Site Speed Limits
- Pedestrian Access and Crossing Points

5.6 Delivery and Site Traffic

There will be no lorry deliveries along Uxendon Hill, except for the initial delivery of plant and removing the plant at the end of the works. All site materials will be stored at the main compound on Uxendon Crescent.

5.7 Speed Limit

The speed limit for vehicles on site is 5mph. This limit will be established and displayed on all site work areas, which will be strictly observed and enforced throughout the duration of the project.

5.8 Vehicles

All vehicles on site will be maintained in good condition, and loaded in such a way that they can be driven, operated or towed safely.

5.9 Banksmen

Suitably trained and experienced Banksmen will be employed to direct vehicles, excavators etc., on site and in the compounds. All designated Banksmen will be identified to the plant operators prior to works commencing as part of the pre task briefing.

5.10 Mobile Plant

All excavators, dumpers and other items of mobile plant on site will be maintained safely and operated by competent, certificated (CPCS) operators. CPCS certificates will be checked and a copy taken by the site manager and held in the site files.

A minimum of 600mm clearance will be established between a machine and any obstacle, if however an excavator or other item of plant is working within less than 600mm clearance between it and any obstacle where a person may become trapped, it is to become an exclusion zone and warning signs erected to prevent persons entering the "Crushing Zone".

All plant will only be permitted to travel on the access/haul roads/temporary working platforms of the site (areas specifically designed for plant loading).

5.11 Storage and Laydown Areas

Storage and lay down areas will be managed by LU to ensure that any necessary restrictions are adhered to.

LU and their contractors are to ensure plant/materials etc. are stored and kept in a neat and tidy condition and safe access/egress is provided and maintained within the storage areas under their control.

5.12 Risk Assessment

A risk assessment is attached in the appendices of this document.

6 Training, Competence and Certification

Job Role	Name	Company	Competence/Training
Banksmen	TBC	LU/Joywheel	Banksman ticket (CSCS)
Dumper Operators	TBC	LU/Joywheel	CPCS ticket
360 Excavator Operators	TBC	LU/Joywheel	CPCS
Delivery drivers	Various	Various	Relevant drivers licence for vehicle being operated.



List of Appendices

- 1. Drivers Safety Rules**
- 2. Risk Assessment**
- 3. Delivery Access Route & Compound Plan**
- 4. Site Location Map**

1: Drivers Safety Rules

DRIVERS SAFETY RULES

- Obey all **WARNING**, **PROHIBITION** and **INSTRUCTION** signs and notices.
- **5 mph Site Speed Limit to be observed**
- **WATCH OUT** for and give way to **pedestrians**.
- Be aware of other moving plant such as excavators, dumpers, etc.
- Ensure that your vehicle is properly maintained and **serviceable** – orange flashing beacon, lights, mirrors, etc.
- Check that your vehicle **reversing alarm** is in working order.
- Reversing and tipping vehicles **must** be controlled by a competent Banksman.
- **Seat belts must be worn** when provided.
- Dumper drivers must dismount from plant whilst being loaded.
- Ensure that your load is **safely secured** and that your vehicle is not overloaded.
- **Never** drive with tipper body elevated.
- It is **prohibited** to operate or drive any item of plant under the influence of drugs and alcohol.
- **Do not smoke onsite it is prohibited.**
- When outside your cab a safety helmet **must** be worn.
- Road vehicle operators must hold valid DVLA licence.
- Plant operators and banksman **must** hold valid CPCS card
- **Vehicles and Plant not to be left running whilst unattended**
- **Keys must be removed from mobile plant when left unattended to prevent unauthorised use.**

REMEMBER – THINK SAFETY

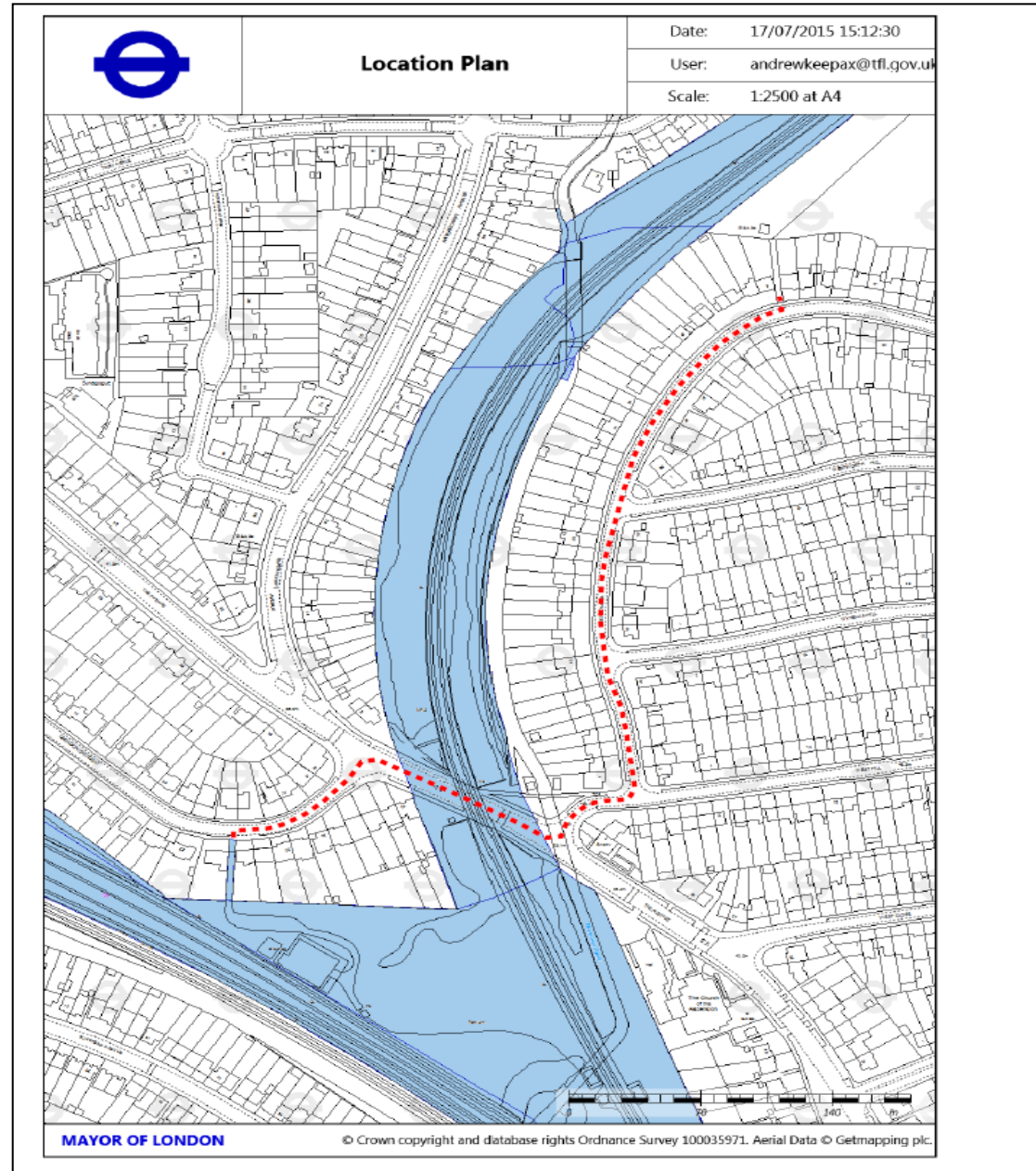
Other people's lives depend upon your safe conduct



2: Risk Assessment - Traffic Management

No	Activity	Hazard	Consequence	Who's at risk	Degree of Risk				Controls	Residual Risk			
					S	P	R	HML		S	P	R	HML
1	Advanced warning to the general public – Warning Signs	Tripping and falls on Warning Signs	Injury	Public	3	3	9	M	<ul style="list-style-type: none"> Place warning sign on levelled area. Place supports to the signs. Warning Signs to be inspected regularly. 	3	1	3	L
2	Delivery of Materials	Moving traffic and General Public	Fatality	General Operatives & Public	5	3	15	H	<ul style="list-style-type: none"> All drivers to be briefed on the requirements such as speed limits and residential locations prior to commencing delivery to site. Staggered delivery to avoid congestion Vehicle movements will be controlled by the attendant Banksman at all times. All delivery drivers to be instructed on being extra vigilant during wet weather. 	5	2	10	M
3	Access for deliveries	Moving traffic	Injury / Damage	General Operatives / Drivers	4	3	12	H	<ul style="list-style-type: none"> Speed limits to be enforced. Banksman to control movement of vehicles into and out of the site. Site gates to be closed when not in use. 	4	2	8	M
4	Banking vehicles	Moving traffic	Injury	Operative	4	3	12	H	<ul style="list-style-type: none"> Speed limits to be strictly enforced Safe distance maintained between Banksman and vehicles Drivers instructed to ensure Banksman is always in view. Banksman to ensure he is always in visual contact with driver Only trained/competent operative to be designated as the Banksman 	4	2	8	M

3: Delivery Access Route



4: Site Location Map

