

# CONSTRUCTION STAGE TEMPORARY TRAFFIC MANAGEMENT PLAN

**Construction of Retail Unit**

**By**

**Summerhill Construction Ltd.**



**AT**

**Lucan Retail Park,**

**Lucan Road,**

**Ballydowd,**

**Lucan, Co. Dublin.**

*The information contained in this plan has been prepared prior to the commencement of the work on site. It will be reviewed and updated on a continuous basis by the Project Manager. It does not take into account any matter or information which was not brought to the attention of the Project Manager or which occurred after the time of publication.*

Signed: .....

Date: ... ..

**Project Manager**

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## 1. TRAFFIC MANAGEMENT PLAN

|  |  |
|--|--|
| <p><b>1.1 Introduction</b></p>         | <p>Ayrton Group were commissioned by Summerhill Construction Ltd, to input and coordinate a “Temporary Traffic Management Plan” for the proposed project at Lucan Retail Park, Lucan, Co. Dublin.</p> <p>The proposed construction project will consist of the construction of a retail unit in the carpark of Lucan Retail Park and modifications to traffic islands in the car park.</p>   |
| <p><b>1.2 Background</b></p>           | <p>South Dublin County Council requires that a traffic management plan be prepared for the proposed works.</p> <p>The following items have been taken into account as part of this proposed plan</p> <ul style="list-style-type: none"> <li>a) Vehicular access to the site, to avoid conflict between construction activities and traffic on the Public Road and neighbouring site access.</li> <li>b) Measures to avoid conflict between construction activities and pedestrian/cyclist movements.</li> <li>c) Intended site staff parking during construction.</li> </ul> <p>This Traffic Management Plan has been developed to address the above in the most reasonably practicable manner and in line with legislation and planning requirements.<br/> <i>Any works which arise during the construction phase of the project such as unloading of materials, and use of cranes, which would result in interruptions to traffic, and which would warrant the application of the Chapter 8 guidelines shall undergo formal planning. These Traffic Management plans will be submitted to the local authority for approval where required.</i></p>   |
| <p><b>1.3 Project</b></p>              | <p><b>The proposed development consists of the following phases:</b></p> <ul style="list-style-type: none"> <li>• Phase one site setup, installation of boundaries and modification of traffic islands</li> <li>• Phase two installation of services.</li> <li>• Phase three construction of the new unit.</li> </ul>  |
| <p><b>1.4 Existing Environment</b></p> | <p>The site will be located within the carpark of Lucan Retail Park and will occupy an area of approximately 1274 square meters adjacent to the pedestrian and vehicular entrance. The retail park is situated east of Lucan village and is located adjacent to the eastbound lane of the N4 motorway at Junction 3. The carpark has a speed limit of 8km/h and is equipped with speed bumps</p> <ul style="list-style-type: none"> <li>• The site is bounded to the north by the R835 and local bus terminus.</li> <li>• The site is bounded to the East by the pedestrian access gate, the entrance to the Hermitage Golf Course and the Junction 3 slip road onto the N4 east bound.</li> <li>• The site is bounded to the south by the main vehicular access route to the retail park and the N4.</li> <li>• The site is bounded by West by customer parking and existing retail units</li> </ul> <p>The R835/Junction 3 is the main access point to the N4 for traffic heading towards the M50 and the City from Lucan village and neighbouring towns in the Fingal area travelling through Lucan Village. The stretch of road at the entrance to the site sees heavy traffic during peak hours and this must be taken into account when organising deliveries and collections.</p> |

The main access to the site will be through a gate built into the site hoarding adjacent to the main vehicular access way to the car park. This will require advanced warning signage and a gate man to assist vehicles in entering and exiting the site as part of the overall traffic management plan.

The site will front onto the main pedestrian entry point to the retail park necessitating the establishment of a pedestrian walkway.

**1.5 Location**

Lucan Retail Park,  
Lucan Road,  
Ballydowd,  
Lucan,  
Co. Dublin.

Coordinates: [53.358885, -6.423325](#)



## 2. PROJECT SPECIFICS

|                                      |   |                             |                             |
|--------------------------------------|---|-----------------------------|-----------------------------|
| <b>Prepared By</b>                   | Darren Tully  | <b>Of</b>                   | Ayrton Group                |
| <b>Approved By</b>                   | Kieran Morrissey  | <b>Of</b>                   | Summerhill Construction Ltd |
| <b>Proposed Start Date</b>           | TBC   | <b>Completion Date/Time</b> | TBC                         |
| <b>Requirements for Notification</b> | The Client, Garda, Local Authority, Emergency Services and local businesses and residents will be notified of the temporary traffic measures which will be put in place, where relevant.  |                             |                             |
| <b>Restriction on Working Hours</b>  | <p>As this site is located adjacent to residential areas consideration must be given to the local residents. The working hours of the site will be restricted to standard and acceptable times where reasonably practicable, the proposed working hours are as follows: -</p> <p style="margin-left: 40px;"><b>Monday – Friday:</b>                      7:00am to 6:00pm<br/> <b>Saturday:</b>                                      8:00am to 2:00pm<br/> <b>Sunday:</b>                                         N/A</p> <p>The finalized working hours shall be subject to permissions granted by South Dublin County Council any work proposed to take place outside of these hours may only be done with the express permission of the county council.</p>  |                             |                             |
| <b>Restrictions on Access</b>        | <ul style="list-style-type: none"> <li>• It is anticipated that the peak of HGV movements to and from the site will be during the site preparation and construction phase.</li> <li>• The site will not have the capacity to accommodate an excess of deliveries arriving. To address this issue a delivery schedule will be organised so that haulage vehicles will arrive at an appointed time, and only after the vehicle has left.</li> <li>• All vehicle movements will be managed and controlled by the site by a banksman stationed at a kiosk at the site entrance.</li> <li>• Unloading will be conducted within the site.</li> </ul> <p><b>Site Management has taken into account the proximity of the site to the main entry point to the N4 for traffic coming from Lucan Village and North of the Liffey and the existing traffic conditions during peak times. In order to prevent undue delays to commuters deliveries will and collections will be avoided during the hours of 08:00-09:30am.</b></p> |                             |                             |
| <b>Site Restrictions</b>             | No deliveries to or from the site will take place during peak morning traffic (8:00-9:30am). No item of plant shall be placed or parked on the roads outside of the site boundary. All plant will be contained within the site perimeter.   |                             |                             |

|   |  |
|---|--|
| <b>Traffic Management System Required</b> | <ul style="list-style-type: none"><li>• Advanced warning signage will be required for vehicles approaching the site.</li><li>• A pedestrian walkway will need to be established. It is proposed that prior to the modification of the traffic islands pedestrian traffic will be routed into a protected walkway through the carpark. After this work is completed, should there be sufficient space to safely accommodate it a new walkway will be established along the south boundary wall of the retail park.</li><li>• A clockwise traffic flow will be required to facilitate traffic island modifications</li><li>• A banks man shall monitor pedestrian access and manage vehicular access to and from the worksite.</li></ul> |
|---|--|

### 3. HAZARDS SPECIFIC TO TRAFFIC MANAGEMENT

1. Serious personal injury to workers or members of the public because of contact with oncoming site traffic.
2. Risk of an accident between oncoming traffic and workers.
3. Risk of causing major traffic disruption.
4. Risk of injury to pedestrians especially from vehicles.

### 4. HAZARDS CONTROL SPECIFIC TO TRAFFIC MANAGEMENT

#### 1. Serious personal injury to workers because of contact with oncoming site traffic.

- a) All signs must be in place as per the Department of Transport Traffic Signs Manual, Chapter 8.
- b) The PSCS will ensure all necessary barriers, cones and signage will be in place to delineate the works area and ensure adequate exclusion zones from the proposed works traffic activities and workers.
- c) Loading and unloading of equipment, machinery and materials will be within the site compound at all times to ensure safe entry and exit of work-related traffic.
- d) Staff will park on site and are not permitted to park within the immediate or neighbouring roads.
- e) All employees must have adequate training before work commences.
- f) All employees must wear adequate PPE at all times.

#### 2. Risk of an accident between oncoming traffic and workers

- a) All signs must be in place as per the Department of Transport Traffic Signs Manual, Chapter 8.
- b) All employees must wear adequate PPE at all times.
- c) Work vehicles may not park on the roadside for an extended period of time other than when waiting to be granted access to the site.
- d) Advance warning traffic management will be implemented for the duration of the project.

#### 3. Risk of causing major traffic disruption.

The intended vehicular activities are not expected to cause any major traffic disruptions where the following controls are maintained.

- a) All workers will be advised of the dangers of oncoming traffic and asked to prevent traffic disruption by planning all work and deliveries.
- b) Warning signage will be placed on the roadway in advance of the site entrance and will be visible to all road users.
- c) A vehicular banksman will be in place to guide work vehicles to and from the site.
- d) No vehicle reversing shall take place on the public road a turning area will be provided within the site

**4. Risk of injury to pedestrians from vehicles.**

- a) All signs must be in place as per the Department of Transport Traffic Signs Manual, Chapter 8.
- b) No deliveries to or from the site will take place during peak school times.
- c) Work vehicles may not park on the roadside for an extended period of time other than when waiting to be granted access to the site.
- d) A pedestrian walkway will be established to provide a safe route of travel around the works and on toward the shops. It is proposed that prior to the modification of the traffic islands pedestrian traffic will be routed into a protected walkway through the carpark. After this work is completed, should there be sufficient space to safely accommodate it a new walkway will be established along the south boundary wall of the retail park. A member of staff shall be stationed at the site gate to monitor vehicular and pedestrian movement.
- e) An advanced warning system will be in place to alert pedestrians of the changes to pedestrian access routes.
- f) A competent operative will be available to guide pedestrians safely should the need arise and all HGV'S or articulated vehicular traffic entering the site area will be guided by spotters and banksman.

**5. DESIGN PARAMETERS**

Level 1: Single-lane carriageways

The speed limit on approaches to the retail park 50 km/h however, a speed limit of 8 km/h is maintained within the retail park.

Requirements of Chapter 8 of the Traffic Signs Manual 2019

**5.1 Road Classifications**

| Road             | Speed Limit | Classifications |
|------------------|-------------|-----------------|
| National Primary | 100kmh      | Level 2(ii)     |
| Regional         | 100kmh      | Level 2(ii)     |
| Local            | 80kmh       | Level 2(i)      |
| Urban Roads      | 60kmh       | Level 1(iv)     |
| Urban Roads      | 50kmh       | Level 1(iii)    |
| Urban Roads      | 40kmh       | Level 1(ii)     |
| Urban Roads      | 30kmh       | level 1(i)      |

## 5.2 Design Parameters

| Design Parameters                  | Roadwork's<br>Type A (All Traffic Conditions) |
|------------------------------------|---|
| Speed Limit                        | 8km/h   |
| <b>Temporary Signs</b>             |   |
| Sign Size                          | 450 mm  |
| Sign Visibility (m)                | 25m   |
| Number of Signs (Minimum)          | 1   |
| Cumulative Distance (m)            | 10m   |
| Distance between advance signs (m) | 10m (min distance)                            |
| <b>Rate of Taper</b>               |   |
| Taper at Lane (m)                  | 1 in 1  |
| Taper at Hard Shoulder (m)         | 1 in 10                                       |
| <b>Safety Zone</b>                 |   |
| Longitudinal (m)                   | 0.5M  |
| Lateral:                           | 0.5M  |
| Behind Cones (m)                   | N/A   |
| Behind Concrete Barriers (m)       | N/A   |
| Behind Other Barriers (m)          | N/A   |
| Set Back (m)                       | N/A   |
| <b>Cone Spacing</b>                |   |
| At Tapers (m)                      | 3   |
| Longitudinal (m)                   | 6   |
| Cone Height                        | 750   |
| <b>Lane Width</b>                  |   |
| Min Lane Width (m)                 | (3) 2.5m minimum                              |
| Two Way Road Width                 | 5m  |

### Notes:

- A. 45° taper is required at shuttle traffic-controlled layouts with cones at 1m centres.
- B. Cone spacing is the maximum permitted. Where geometry or any other site-specific reason dictates the spacing shall be reduced accordingly.
- C. The optimum lane width for all classes of vehicles is 3.3m. This may be reduced to a minimum of 3m. Below this, HGVs and buses must be marshalled past the works. The absolute minimum lane width, if only cars and light vehicles are present, is 2.5m.

All the above are a minimum requirement as set out by Chapter 8 of the Traffic Signs Manual. Where possible these will be increased to provide for a safer work environment.

A site-specific plan will be prepared to accommodate the works.

The PSCS will liaise with all of the residents along the route of the works, before the commencement of any works.



## 6. SEQUENCE OF WORKS

1. Traffic management will be undertaken by The PSCS or a competent contractor.
2. The PSCS will organise all required signs for this project and bring them to site.
3. Advanced warning signage will be in place for the duration of the project.
4. A competent operative will set up the sign cones and delineation devices as per the Traffic Management Layout in the plan and as per Department of Transport Traffic Signs Manual Chapter 8.
5. Traffic and pedestrians will be alerted to the works area with the use of adequate signage.
6. PSCS will ensure the completion of an SSWP by all employees on site prior to commencing works.
7. A vehicular banksman will be available at the works area at all times for the duration of this project to ensure safe access and egress of HGV'S and Articulated work-related vehicles.
8. There will be clear predefined instructions for dealing with emergencies e.g. ambulance or in the event of an accident.
9. Where required, the PSCS will coordinate with local authorities and Gardai prior to the commencement of works on site.
10. The PSCS will remove all signs, cones and delineation devices when work is complete.

## 7. ROAD SAFETY

- All signs and cones will be used and placed as per the Department of Transport Safety Signs Manual Chapter 8 and Guidance for Control and Management of Traffic at Roadworks. The local Garda will be consulted by the County Council and PSCS where required.
- All efforts will be made to avoid any disruption to local traffic. Signs will be put in place to advise all who use the roadway of ongoing works.

## 8. SITE DELIVERIES

- All deliveries to the site shall be by appointment only with 24 hours prior notice being required.
- All deliveries shall be unloaded/loaded within the site compound.
- Vehicle entry and exit from the site will be managed by a banksman.
- Deliveries will not take place during peak school hours.
- Site Management will implement a designated route for approaching and leaving the site.



### Management of Deliveries:

Delivery schedules will be booked to coincide with off-peak road traffic flows as directed/advised by Wicklow County Council. Deliveries will not be permitted during peak school times. Deliveries not booked in this manner will only be received at the discretion of Site Management, should site and local traffic flows allow this. Should deliveries arrive outside of the agreed delivery hours they may be turned away.

It is the responsibility of the contractor who books the delivery to ensure the unloading area is clear to receive the delivery. To ensure free-flowing traffic along this route the following procedures must be adhered to.

### Booking and Delivery and Collection

All deliveries must be scheduled through the site office.

A minimum of 24 hours' notice must be provided to the site office in advance of any delivery.

The following will apply when deliveries are carried out.

1. The delivery driver will be given the name and mobile number of their contact on-site
2. Each delivery will be allocated the following:
  - A dedicated date and time-period for delivery/collection, including earliest arrival and latest departure time.
  - The set down area from which the delivery will be off-loaded/loaded.
  - The attendances booked for that delivery (craneage etc.).
  - The delivery must be made within the allocated time slot. It cannot be guaranteed that deliveries arriving either without a time slot or at the wrong time will be accommodated. Deliveries may be rejected in these instances.
3. The delivery vehicle will be assisted onto and off-site by a banksman or flagman who will also assist with the safe management of pedestrians. All vehicles will drive onto and off-site. VEHICLES ARE NOT PERMITTED TO REVERSE, a turning area will be provided in the work site.
4. The driver of the vehicle is obliged to wear minimum P.P.E including a hard hat, hi-vis vest, safety footwear & gloves. Additional P.P.E may be required in certain instances, i.e., safety eyewear to be worn by concrete wagon drivers, etc.
5. Once the delivery has been off-loaded, the driver must follow the exit route as outlined by the traffic by the banksman or flagman.

6. Site Operatives will ensure that the area is clean when delivery is completed, and the vehicle has pulled away.
7. Material and plant loading and unloading shall only take place during normal working hours unless the requirement for extended hours is for traffic management (i.e. road closure) or health and safety reasons (application must be made to Wicklow County Council a minimum of 4 days before proposed works).
8. All consignments containing material with the potential to cause air pollution must be covered during transit to and from the site.

#### 9. DELIVERY TIMES

- Delivery and working hours have been limited to those agreed with the planning authority permitted times Monday-Saturday.
- Deliveries shall not take place during peak school times (8:00 – 9:30 am)
- Activities outside of these hours may require the prior approval of the Planning Authority.

#### 10. STORAGE OF MATERIALS

- All materials will be stored on the construction site itself and not in unauthorised locations around the neighbouring areas or business land to eliminate the risk presented by unnecessary vehicular movement within those areas.
- Materials will be ordered in a manner that will eliminate the need for stockpiling or over storage of materials that may impact vehicular and pedestrian movement. A modular construction method has been proposed to facilitate this

#### 11. PRE-COMMENCEMENT INSTRUCTION “TOOLBOX TALK”

- A Safe System Of Work Plan (SSWP) will be completed before work begins (See attached). Prior to the commencement of this work a Toolbox Talk will take place on site to ensure all personnel understand their responsibilities.

#### 12. TRAFFIC/PEDESTRIAN MANAGEMENT

- The proposed development may cause major disruption, accident or injury to other road users and pedestrians if uncontrolled. Therefore, this Traffic Management Plan will be put in place to reduce the risk of accident, injury or disruption to other road/path users.
- To carry out this work safely an advanced traffic management system will be put in place as well as the use of a vehicular banksman and a diversion of pedestrians at the closest existing crossing point.
- All signs, cones and delineation devices will be put in place by a competent operative. They will complete the safe system of the Work Form (See attached).
- Pedestrians will be given a clearly defined access route when and where necessary and will be diverted from the works by pedestrian barriers.
- Regular checks will take place through the working period to clean, replace and reposition pedestrian safety measures if necessary.
- A member of staff shall be appointed to man pedestrian walkways and assist pedestrians in passing works and entrance points to the site as necessary.

#### 13. REVIEW OF TRAFFIC MANAGEMENT PLAN

- The Site Manager and Safety Officer may review this Traffic Management Plan as work progresses. Appropriate changes must be made where deemed necessary.
- The changes are to be discussed with the workforce concerned by the Foreman.

#### 14. SITE PARKING

- There will be limited parking facilities on site.
- At no time should construction associated vehicles be stopped or parked along the public road except when making a prearranged delivery or collection.

#### 15. TRAFFIC CONTROL MEASURES

All signs to be put in place before work begins, as per the **Department of Transport Traffic Signs Manual, Chapter 8- Temporary Traffic Measures & Signs for road works.**

- All machine operators must be trained, experienced operators, trained to SOLAS CSCS standards, as per Construction regulations of 2013. All workers will attend an **Induction Course** before work begins. All dangers will be explained & a record of this will be kept on file.
- Warning signs are to be posted to highlight the dangers involved. All-access points are to be closed/barricaded to prevent access to unauthorised persons. Only authorised personnel are allowed on site. A responsible person to be on-site at all times. All signs, cones & barriers must be put in place, as per the **Department of Transport Traffic Signs Manual, Chapter 8- Temporary Traffic Measures & Signs for Roadworks**
- All signs and cones will be set up by the competent responsible person designated by The PSCS
- A safety zone will be maintained at all times between workers and vehicles using cones & barriers.
- All signs are to be put in place as per attached guidance for control and Management for Traffic at Roadworks 2019.
- Follow guidelines from the Department of Transport Traffic Signs Manual.
- For safe passage of pedestrians through the work area, follow The Department of Transport Guidelines.
- A Safe System of Work Plan (SSWP) working on roads will be completed on-site by the foreman and it will be explained to all staff and they will be asked to sign it (see attached).

#### 16. REQUIREMENTS FOR CONTINUING LIAISON

Procedures will be required for liaison between the Contractor and local business owners/local authority for considering the following: -

- (a) Unforeseen events during the project execution result in substantial changes which might affect risks, contract timescale and have health and safety implications.

#### 17. DOCUMENTS TO BE READ AND OBSERVED.

The following documents should be read and observed in conjunction with this document

- Guidance for the Control and Management of Traffic at Roadworks” – Dept. of Transport
- “Traffic Signs Manual – Chapter 8” – Dept. of Transport
- “Guidelines for Working on Roads” – Health & Safety Authority
- “Construction Site Traffic Management Plan (CSTMP) Guidance”- Health & Safety Authority
- Site set up and layout design
- SSWP to be completed prior to work crew stating on site.

## 18. OTHER SAFETY REQUIREMENTS

- Competent personnel will manage and set up road works around the work location.
- All persons to have safe pass and manual handling training.
- The work crew will wear high visibility clothing at all times (Class 3) minimum.
- Once traffic management is set up, this will be observed to ensure it is working without issue, if not additional calming measures will be reviewed.
- Before the crew started, they will review this document and sign the same indicating an understanding of the works to be carried out.
- During adverse weather conditions, the work should cease.

## 19. ACKNOWLEDGEMENT OF TRAFFIC MANAGEMENT PLAN

I wish to acknowledge receipt of the information relating to the Traffic Management Plan.

I confirm that I have read, understand and accept its contents and will abide by all the rules and procedures contained in it.

Safe working is a condition of employment.

|     |   |                     |
|-----|---|---------------------|
| 1.  | Employee Name:<br>Employee's Job Title: | Signature:<br>Date: |
| 2.  | Employee Name:<br>Employee's Job Title: | Signature:<br>Date: |
| 3.  | Employee Name:<br>Employee's Job Title: | Signature:<br>Date: |
| 4.  | Employee Name:<br>Employee's Job Title: | Signature:<br>Date: |
| 5.  | Employee Name:<br>Employee's Job Title: | Signature:<br>Date: |
| 6.  | Employee Name:<br>Employee's Job Title: | Signature:<br>Date: |
| 7.  | Employee Name:<br>Employee's Job Title: | Signature:<br>Date: |
| 8.  | Employee Name:<br>Employee's Job Title: | Signature:<br>Date: |
| 9.  | Employee Name:<br>Employee's Job Title: | Signature:<br>Date: |
| 10. | Employee Name:<br>Employee's Job Title: | Signature:<br>Date: |

Site Foreman: \_\_\_\_\_ Date: \_\_\_\_\_

**“ALL ACCIDENTS ARE PREVENTABLE”**

# SAFE SYSTEM OF WORK PLAN (SSWP)

## WORKING ON ROADS

Plan No.

PART 1

| Job Details   | Resources Required         | Emergency Details  |
|---|----------------------------|--|
| Employer Name: _____  | Worker Skills: _____       | Contact Names & Tel No.  |
| Responsible Person/Supervisor: _____  | _____                      | 1. _____   |
| Number of Workers: _____  | _____                      | 2. _____   |
| Specific Location: _____  | Plant/Equipment: _____     | 3. _____   |
| Description of Works: _____   | _____                      | First Aider: _____   |
| _____   | _____                      | Location of First Aid Box: _____   |
| Start Date: _____   | Hazardous Materials: _____ |  |
| <b>NOTE: A new SSWP must be completed when the task or the environment changes.</b> |                            | <b>WORK PERMITS REQUIRED</b><br>Hot <input type="checkbox"/> Electricity <input type="checkbox"/> Excavation <input type="checkbox"/><br>Confined Space <input type="checkbox"/> Other <input type="checkbox"/><br>Method Statement Yes <input type="checkbox"/> No <input type="checkbox"/> |

Before Works Starts the following **MUST** be in place Tick the  circle when confirmed

|  |  |   |   |  |   |   |  |   |  |  |
|--|--|---|---|--|---|---|--|---|--|--|
|  Supervision <input type="checkbox"/> |  Safe Pass <input type="checkbox"/> |  Plant/Equip. Cert. <input type="checkbox"/> |  CSCS <input type="checkbox"/> |  Communication/Induction <input type="checkbox"/> |  WC & Washing <input type="checkbox"/> |  Canteen <input type="checkbox"/> |  Drying/Changing <input type="checkbox"/> |  Drinking Water <input type="checkbox"/> |  First Aid <input type="checkbox"/> |  PPE <input type="checkbox"/> |
|--|--|---|---|--|---|---|--|---|--|--|

**SELECT HAZARD OR ACTIVITY**      **SELECT CONTROL**      All controls identified below must be in place before work starts  
 Tick the  box to identify controls required;      Tick the  circle when control is in place.

|  |  |  |  |  |   |  |   |   |   |  |
|--|--|--|--|--|---|--|---|---|---|--|
|  Live Traffic <input type="checkbox"/>                 |  Liaison/Gardai <input type="checkbox"/>         |  Diversion <input type="checkbox"/>                            |  Road Signage <input type="checkbox"/>                         |  Flagman/Stop-Go Man <input type="checkbox"/>                |  Traffic Management Plan <input type="checkbox"/>             |  Traffic/Speed Control <input type="checkbox"/>       |  Vehicle Crash Barriers <input type="checkbox"/>            |  Crash Cushion Lorry <input type="checkbox"/>             |  Site/Private Parking <input type="checkbox"/>                      |  Erecting Traffic Control Signs <input type="checkbox"/> |
|  Working Close to the Public <input type="checkbox"/> |  Liaison <input type="checkbox"/>               |  Fencing/Hoarding <input type="checkbox"/>                    |  Barriers <input type="checkbox"/>                            |  Pedestrian Routes <input type="checkbox"/>                 |  Security <input type="checkbox"/>                           |  Traffic Control <input type="checkbox"/>            |  Flagman/Stop-Go Man <input type="checkbox"/>              |  Vehicle/Plant Controller <input type="checkbox"/>       |  Surveying <input type="checkbox"/>                                |  Examination & Inspection <input type="checkbox"/>      |
|  Lifting Operations <input type="checkbox"/>          |  Selection/Suitability <input type="checkbox"/> |  Plan Lift/SWL <input type="checkbox"/>                       |  Lorry Crane/Sensors/Guards <input type="checkbox"/>          |  Slinger/Signaller <input type="checkbox"/>                 |  Check Lifting Gear <input type="checkbox"/>                 |  Exclusion Zone <input type="checkbox"/>             |  Examination & Inspection <input type="checkbox"/>         |  Lighting <input type="checkbox"/>                       |  Dust/Muck/Cleaning/Removal <input type="checkbox"/>               |  Pedestrian Controller <input type="checkbox"/>         |
|  Plant and Equipment <input type="checkbox"/>         |  Selection/Suitability <input type="checkbox"/> |  Vibration Controls/Service/Duration <input type="checkbox"/> |  Reverse Warning Devices <input type="checkbox"/>             |  Locking Attachments <input type="checkbox"/>               |  Roll Over Protection/No Passengers <input type="checkbox"/> |  Seat Belts <input type="checkbox"/>                 |  PTO Guard & Access Steps <input type="checkbox"/>         |  Hedge Cutting/Guarding/Signage <input type="checkbox"/> |  Safe Parking <input type="checkbox"/>                             |  Traffic/Speed Control <input type="checkbox"/>         |
|  |  Pedestrian Route <input type="checkbox"/>      |  Road Planer/Pinch/Fall Controls <input type="checkbox"/>     |  Kerbing Machine/Pinch/Fall Controls <input type="checkbox"/> |  Dumper/Auxiliary/Visual Devices <input type="checkbox"/>   |  Rock Breaker/Cab Protection <input type="checkbox"/>        |  360 Excavator/Check Valves <input type="checkbox"/> |  180 Excavator/Visual Aids/Set Up <input type="checkbox"/> |  Vehicle Recovery <input type="checkbox"/>               |  Proximity to Public <input type="checkbox"/>                      |  ATV/Training/PPE <input type="checkbox"/>              |
|  |  Exclusion Zone <input type="checkbox"/>        |  No Tipping - OH Lines <input type="checkbox"/>               |  Strimming <input type="checkbox"/>                           |  Boilers/Barriers/Training/Service <input type="checkbox"/> |  Hot Compressed Air Lance <input type="checkbox"/>           |  Slinger/Signaller <input type="checkbox"/>          |  Safe Driving <input type="checkbox"/>                     |  Compound/Plant Security <input type="checkbox"/>        |  Nuclear Density Test/Supervisor/Training <input type="checkbox"/> |  Examination & Inspection <input type="checkbox"/>      |
|  Hand Tools <input type="checkbox"/>                  |  Selection/Suitability <input type="checkbox"/> |  Voltage <input type="checkbox"/>                             |  Cable Check/Protection <input type="checkbox"/>              |  Guards <input type="checkbox"/>                            |  Generators Outside <input type="checkbox"/>                 |  Compressor & Whip Checks <input type="checkbox"/>   |  Jack Hammer/Vibration Controls <input type="checkbox"/>   |  Dust Suppression <input type="checkbox"/>               |  Chain Saw/Training/PPE/Maintenance <input type="checkbox"/>       |  Con Saw/Abrasive Wheels <input type="checkbox"/>       |

PART 2

| HAZARD OR ACTIVITY             | CONTROL Tick the <input checked="" type="checkbox"/> box to identify controls required; Tick the <input checked="" type="checkbox"/> circle when control is in place. |                     |                       |                            |                            |                          |                       |                 |                          |                          |                          |
|--------------------------------|---|---------------------|-----------------------|----------------------------|----------------------------|--------------------------|-----------------------|-----------------|--------------------------|--------------------------|--------------------------|
| Excavation                     | Batter Back   | Trench Box          | Sheet Piling          | Shoring                    | Environment Risk Assess    | Back Fill                | Spoil Back            | Chock           | No Undermining           | Ladder/Access/Egress     | <input type="checkbox"/> |
| Falls and Falling Objects      | Risk Assess   | Scaffolding         | Working Platform      | Trestle Platform           | Edge Protection            | MEWP                     | Safe Ladder           | Tie Ladder      | Open Holes               | Propping                 | <input type="checkbox"/> |
| Sewers/Culverts/Mains/Services | Service Supplier  | Divert / Off        | Survey Map            | Detect & Mark              | Permit to Work             | Hand Dig                 | Over Head Lines       | Barriers        | No Flames                | Gas Bottle Storage       | <input type="checkbox"/> |
| Working Close to Water         | Edge Protection   | Working Platform    | Safety Line/Grab Line | Personal Floatation Device | Life Ring                  | Boat                     | Fall Arrest & Rescue  | Diving          | Coffer Dam               | Platform & Crane         | <input type="checkbox"/> |
| Substances                     | Storage/Labels  | Safety Data Sheet   | Hand Wash             | No Eating                  | Biological Agents          | Survey/Risk Assess       | Permit to Work        | Litter Picker   | Cover Cuts               | Wash Hands               | <input type="checkbox"/> |
| Asbestos Cement Water Pipes    | Identity/Survey   | Risk Assess         | Procedure             | Dust/Wetting               | Waste Removal              | Examination & Inspection | Confined Space        | Risk Assess     | Survey                   | Permit to Work           | <input type="checkbox"/> |
| Other Items                    | Housekeeping  | Lighting            | Ground Conditions     | Degassing/Purging          | Street Structures/Drawings | Fire Control/Assembly    | Emergency Procedures  | Detect/Monitor  | Tripod                   | Communication            | <input type="checkbox"/> |
| Health                         | Assess Health Effects   | Health Surveillance | Manual Handling       | Risk Assess                | Mechanical Aids            | Work Organisation        | Training              | Identify        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>PPE</b>                     | Safety Helmet   | Safety Boot/Hi-Vis  | Eye Protection        | Safety Gloves              | Ear Protection             | Dust Mask                | Respiratory Equipment | Face Protection | Safety Harness           | <input type="checkbox"/> | <input type="checkbox"/> |

Hazards, activities and controls on this SSWP identified by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Controls put in place by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

*I have been made aware of the hazards & controls for this activity. Signed by Team:*

**NOTE:** This list of Hazards and Controls is not exhaustive and is in no particular order.

**IF IT'S NOT SAFE DON'T DO IT AND INFORM SITE MANAGEMENT**





