

# TOBIN

Kilkenny County Council

IDA Belview Infrastructure  
Development  
Co. Kilkenny

Preliminary Construction Traffic  
Management Plan

BUILT ON KNOWLEDGE

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## 1. INTRODUCTION

This Preliminary Temporary Traffic Management Plan (TTMP) has been prepared as part of planning application for the development at Belview, Co. Kilkenny. This document has been produced to outline a plan for the management of construction and local traffic during the works on this project.

This document has been compiled for Planning Stage purposes as a “living document” and the final Site-Specific Preliminary Construction Traffic Management Plan will be produced by the appointed Contractor and Project Supervisor Construction Stage, (PSCS), in conjunction with the Project Supervisor Design Process, (PSDP), for the project. This report outlines the traffic management plan and what will be expected of the main contractor’s Traffic Management Plan at construction stage.

This document has been prepared with reference to the following guidance documents:

- Kilkenny City and County Development Plan 2021-2027
- Department of Transport “Traffic Management Guidelines”
- Department of Transport “Traffic Signs Manual”
- Commission of the European Communities Green Paper “Towards a New Culture for Urban Mobility”
- Dublin Transport Office Advice Note on Mobility Management Plans.

### 1.1 PURPOSE

This TMP will be provided to the main contractor for implementation during the site clearance and construction stages. It will be considered as a ‘Live Document’ and will be updated accordingly throughout the project as required.

On appointment, the main contractor is required to implement the mitigation and protective measures set out in this document and maintain traffic monitoring records for the duration of the project which shall be made available to representatives from Kilkenny County Council for inspection on request.

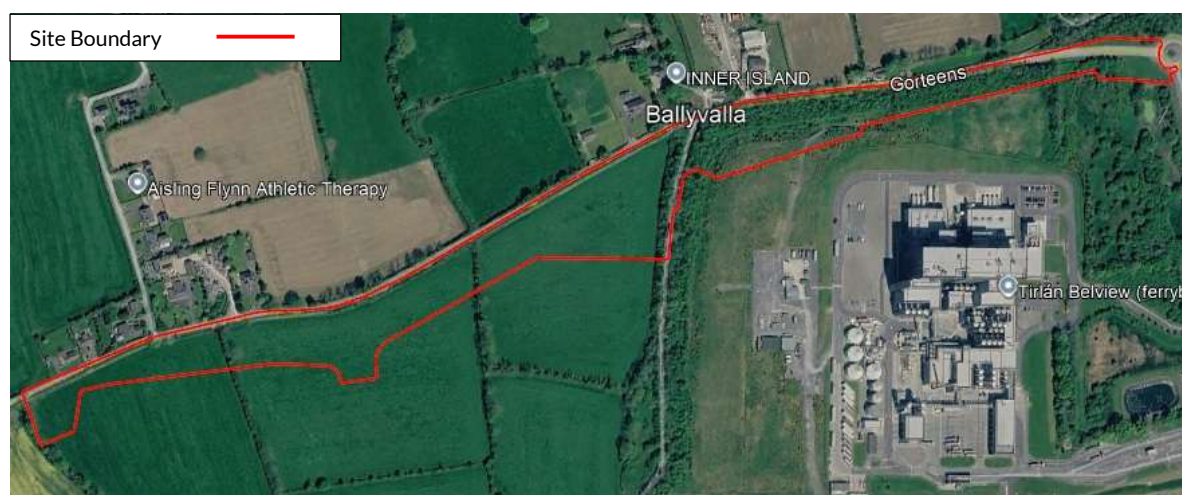
This TMP will also serve to manage the construction traffic to avoid interference with the public vehicular traffic and to avoid any disturbance to the adjacent developments.

## 2. DESCRIPTION OF THE PROJECT

The proposed works consist of upgrade works to the local road L3412 and ancillary site development works which will provide access to the IDA Ireland land bank at Kilmurry, Slieverue and Gorteen, Belview, Co. Kilkenny. The proposal will provide an upgrade of local road L3412 from the existing eastern IDA Ireland roundabout to the new IDA Ireland land bank at Kilmurray and will tie back into the existing L3412 to the west via a new roundabout. The upgrade will be taken online on the existing road and offline on adjoining land.

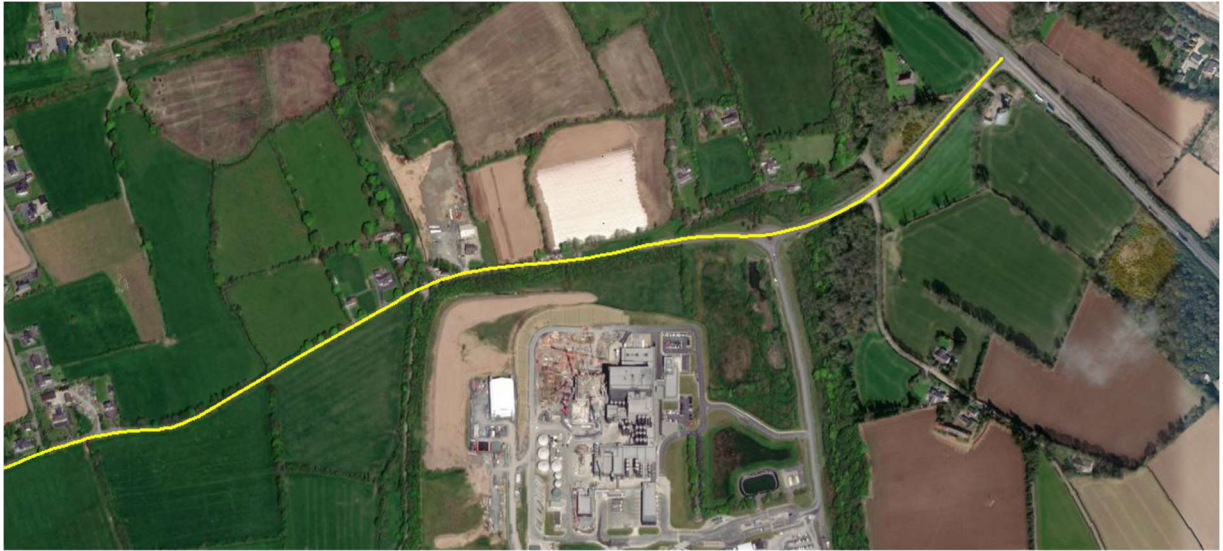
The works will consist of the following items:

- Widening and realignment of the existing road,
- Construction of cycle tracks and footpaths
- Construction of new roundabout
- Construction of a new culvert at the existing watercourse
- Drainage works incorporating SuDS measures and interceptors as required
- Landscaping including amendments to the existing screening berm
- Ancillary road works including public lighting, signs and road markings
- Construction of a new watermain
- All associated site works



*Figure 2-1 Proposed Site Development Boundary*

The existing local road L3412 where works are proposed is located in the East area of the City of Waterford (Figure 2-2).



*Figure 2-2 Current L3412 Road (Yellow)*

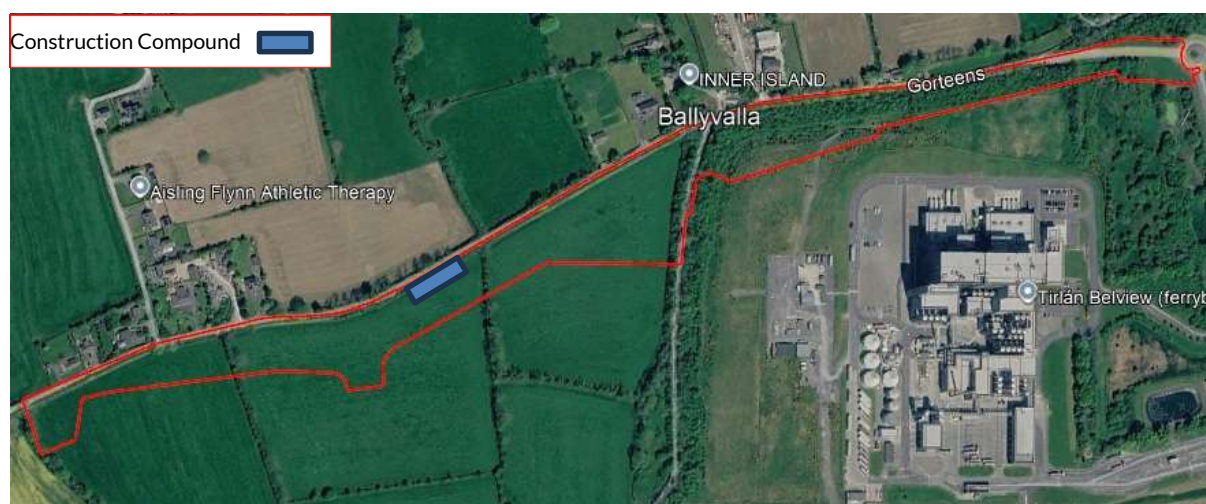
### 3. TEMPORARY TRAFFIC MANAGEMENT PLAN

The construction works associated with the proposed development are expected to be undertaken in one single phase. It is anticipated that the construction works will be completed within 18 months of commencement. This will be confirmed upon appointment of a main contractor.

Site fencing/hoarding is to be set up and secured around the perimeter of the proposed development.

A construction compound is to be set up, as shown in Figure 3.1 below. Temporary construction routes will be set up within the proposed development, which will include a construction compound, parking area and turnabout areas. Parking will be provided within the site boundary for construction staff, and no car parking will be permitted outside of the site boundary.

Insofar as is possible, ground excavation works will be scheduled during periods of dry weather to minimise potential for silt laden run-off from the works.



*Figure 3.1- Indicative Contractor Compound*

#### 3.1 TRAFFIC MANAGEMENT PLAN

This section outlines the content of the final Preliminary Temporary Traffic Management Plan (TTMP) which shall be prepared prior to construction of the proposed development. It shall be a requirement of the contract that, prior to construction, the appointed Contractor shall liaise with the relevant authorities including Kilkenny County Council, TII and Emergency Services for the purpose of finalising the TTMP, which will encompass all aspects of this Traffic Management Plan. The TTMP shall be termed a 'Live Document', such that any changes to construction programme or operations can be incorporated into the TTMP.

The Contractor will be contractually required to ensure that the elements of this TTMP shall be incorporated into the final TTMP. The principal Contractor shall also agree and implement monitoring measures to confirm the effectiveness of the mitigation measures outlined in the TTMP. On finalisation of the TTMP, the contractor shall adopt the plan and associated monitoring measures. The final TTMP shall address the following issues (including all aspects identified in this TTMP):

- Site Access/Egress & Security.
- Traffic Management Signage.
- Road Diversions
- Road Closures.
- Timings of Material Deliveries to Site.
- Recommended Traffic Management Speed Limits.
- Road Cleaning.
- Road Condition.
- Enforcement of Traffic Management Plan
- Working Hours and Days.
- Details of Emergency plan.
- Communication.

These items are explained in detail in the remainder of this section of the Report.

### 3.2 SITE ACCESS/EGRESS AND SITE SECURITY

Access into the development will be via existing L3412 road. The access road for the development will have a design speed of 20km/h and will include traffic calming measures.

The site entrances will be sufficiently wide for HGVs and construction vehicles to enter the site without causing an obstruction on the road network. Provision will be made to ensure there is sufficient space within the site for HGVs to turn before joining the public road network.

Signage will be erected to notify motorists of the construction works ahead. Signage at the site entrances will be provided to ensure members of the public do not enter the site road mistakenly.

The site will be secured using temporary fencing or hoarding at all times to ensure that the ongoing works are separated from the public. Netting will be erected on any fencing used, where required, to prevent debris and dust release from the site and provide screening of the construction and any demolition works. A secure lockable gate will be erected at the site entrance and visitors to the site will be directed to the adjacent site office. The Site management team will carry out regular inspections and maintenance of the security fencing/ hoarding while also ensuring areas are kept clean.

The Main Contractor will be responsible for ensuring the site compound and site are adequately secured at all times. The contractor will be required to:

- Operate a Site Induction Process for all staff.
- Ensure all staff hold a current "Safe Pass" card and always have appropriate PPE.
- Install adequate site hoarding to the site boundary.
- Maintain security at all times.

### 3.3 TRAFFIC MANAGEMENT SIGNAGE

The Main Contractor shall undertake consultation with the relevant Authorities for the purpose of identifying and agreeing signage requirements. Such signage shall be installed prior to works commencing on site. Proposed signage may include warning signs to provide warning to road users of the works access/egress locations and the presence of construction traffic. All signage



shall be provided in accordance with the following Department of Transport Temporary Traffic Management Suite:

- Traffic Signs Manual – Chapter 8 – Temporary Traffic Measures and Signs for Roadworks” Department of Transport, August 2019
- Temporary Traffic Management Design Guidance” Department of Transport, August 2019
- Temporary Traffic Management Operations Guidance” Department of Transport, August 2019 Part 0 Introduction and Background
  - Part 1 – Level 1 Roads – Urban and Low Speed Roads
  - Part 2 – Level 2 Roads – Rural Single Carriageway Road
  - Part 3 – Level 3 Roads – Dual Carriageways and Motorways

And also, “The Guidance for the Control and Management of Traffic at Roadworks (2nd Edition)” – Department of Transport, NRA and Local Government Management Services Board, October 2010

In summary, the Contractor will be required to ensure that the following elements are implemented:

- Consultation with the relevant authorities for the purpose of identifying and agreeing signage requirements.
- Provision of temporary signage indicating site access route and locations for contractors and associated suppliers; and
- Provision of general information signage to inform road users and local communities of the nature and locations of the works, including project contact details.

### 3.4 ROAD CLOSURES & DIVERSIONS

The proposed works will be located within the public roads, Tirlan lands and IDA owned lands. The works required for the road access will affect the current L3412 road and its boundaries. The road upgrades will be done offline and online along the L3412 road.

During road works and closures it is envisaged that Traffic Management measures such as temporary traffic lights or such as is agreed with the Kilkenny County Council, will be utilised to facilitate traffic. These closures will be short in duration, with road closure times and appropriate measures to be agreed with Kilkenny County Council and other relevant stakeholders.

Majority of traffic on the L3412 and Gyles quay road are local access only and the vast majority of vehicles going to Bellview port, Tirlan and other factories use the national N29 road.

The following road closures are envisaged for proposed works (Fig. 3-1 & 3-2):

- A) Road L3412 - Existing Eastern Roundabout Upgrade Works (East Online Works)

Local access to be maintained. Traffic coming from Waterford City to Belview port by the affected L3412 road to be diverted to N29 via L7478 Kilmurry Lane and R711.

- B) Road L3412 - Proposed Link Road (East Offline Works)



Local access to be maintained. Two-way traffic to be maintained on a shuttle basis by temporary stop-go system.

C) Gyles Quay Junction and Rathpatrick Stream Crossing

Local access to be maintained. Traffic from Gyles Quay village to Belview Port by Gyles Quarry road to be diverted to N29 via L7478 Kilmurry Lane and R711.

D) Proposed Western L3412 Road Upgrade Works and Tie in Works (West Online Works)

Local access to be maintained. Traffic coming from Water City to Belview Port by L3412 to be diverted to N29 via L7478 Kilmurry Lane and R711.

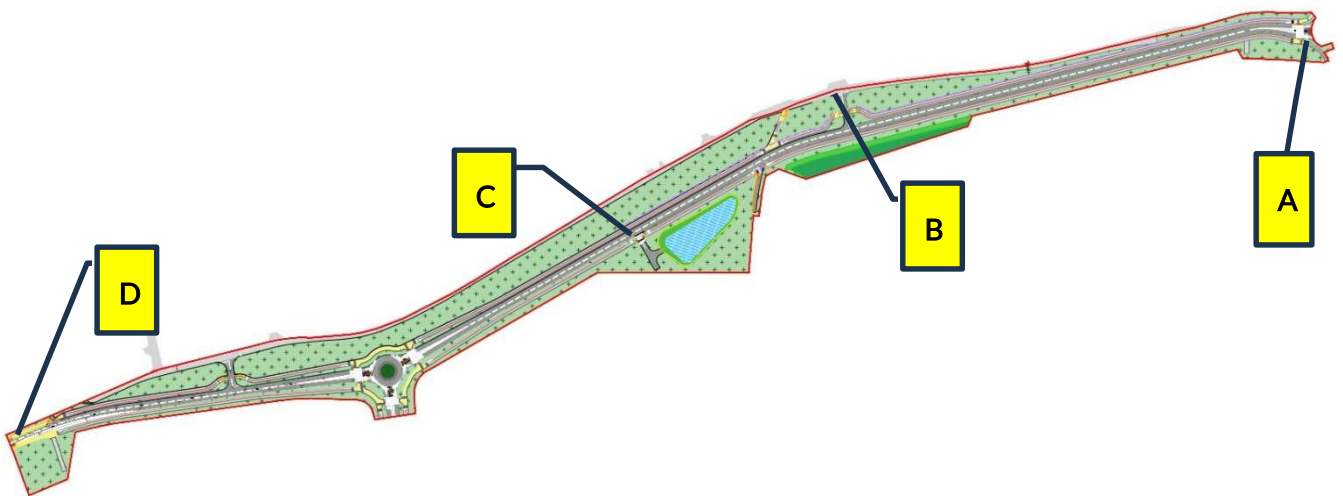


Figure 3-1 Road Closures

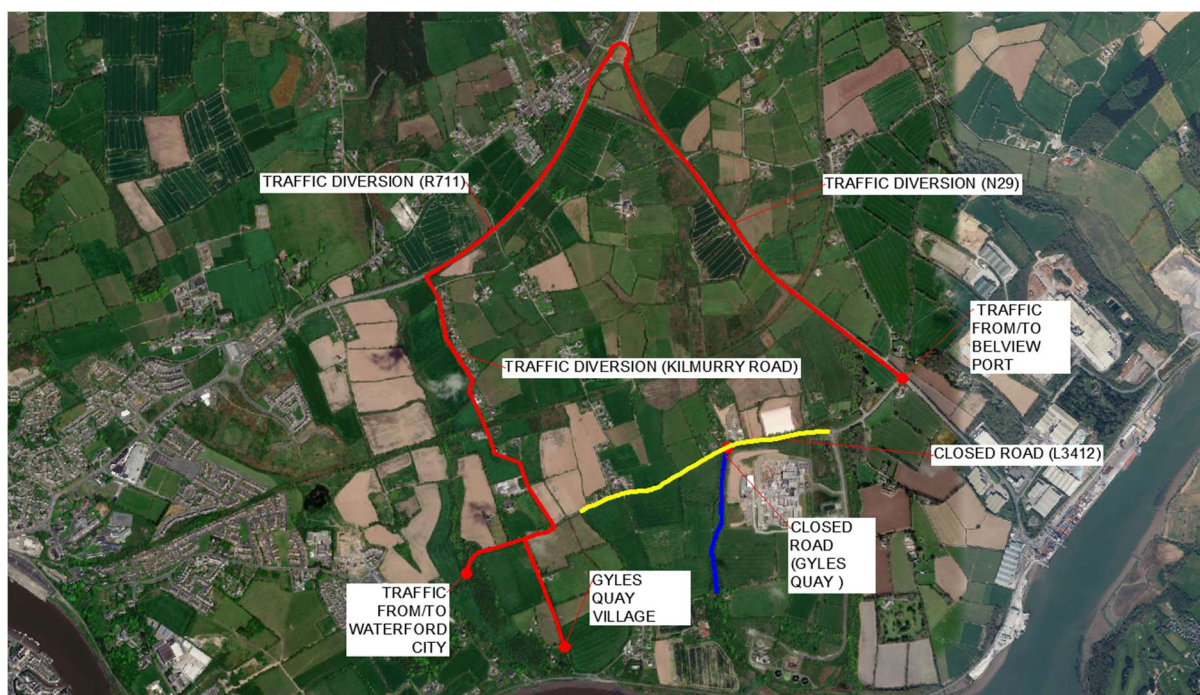


Figure 3-2 Route Diversions

### 3.4.1 East Online Works

The proposed east online works are expected to have a low impact on the existing transport infrastructure. The majority of construction activities will take place along the boundary of the current roundabout and carriageway, including the installation of cycle lanes, footpaths, drainage, and lane widening.

To manage traffic during construction, diversions will be implemented via the R711 to the west and the N29 to the east, while local access will be maintained at all times through a Stop-Go traffic management system.

As a result, the online works are anticipated to have a low impact on traffic, effectively mitigated through the planned diversions and continuous local access."

### 3.4.2 East Offline Works

The proposed road alignment runs offline from the existing L3412, along the northern boundary of the Tirlán site. For haulage of bulk excavated material to and from the site, a manned stop & go system on L3412 will be facilitated.

Consequently, it is anticipated that traffic management impacts associated with this section of the industrial access road will be minimal.

### 3.4.3 Gyles Quay Junction and Rathpatrick Stream Crossing

The proposed construction works will include the road-stream crossing and a new junction with the Gyles Quay.

Due to the road-stream crossing works, Gyles Quay Road will be temporarily closed. To prevent congestion near the closure, controlled access may be implemented within the adjacent

residential area, allowing only residents to access the section of road near the works. The L3412 will remain open, as the junction will be constructed within the boundaries of the new road alignment.

Therefore, it can be concluded that the impact of the proposed development in the at the Gyles Quay Junction and Stream Crossing will be minimal and effectively managed through appropriate traffic control measures.

#### **3.4.4 West Offline Works**

Similar to the eastern offline works, construction activities in this section—including the provision of site access from the L3412—will be facilitated through a manned Stop-Go system. As such, it is anticipated that traffic management impacts associated with this portion of the industrial access road will be minimal and effectively managed.

#### **3.4.5 West Online Works**

This section of the construction works will include the new proposed roundabout; upgrade works along the western section of L3412 road and connection to the existing L3412 at the western end of the IDA lands.

In order to maintain local access at all times, traffic will be diverted via the R711 to the west, the N29 to the east. Local access will be managed by means of a Stop-Go Arrangement.

Accordingly, it can be concluded that the traffic impact of these proposed online works will be low, with effective mitigation provided through derivation of the traffic flow to the N29, R711 and the retention of local access at all times.



Stakeholders affected by the proposed works will include:

- Local residents
- Tirlan Site
- Kilkenny County Council
- Belview Port
- Garda
- Any other local business or stakeholders affected.

### 3.5 TIMINGS OF MATERIAL DELIVERIES TO SITE

Deliveries of materials, plant or machinery to site will be restricted to the working hours identified in section 3.11. Deliveries will be scheduled as “just-in-time” to ensure the arrival and departure of vehicles will have minimal interference with residents and other road users. Just-in-time deliveries will also reduce the quantity of materials stockpiled within the site. Deliveries will not be allowed to queue or park on public roadways.

Construction traffic delivering to or collecting from the site will be able to drive into the site via the construction traffic entrance, from L3142 Road (via the N29), and will be able to turn within the site such that there will be no queuing of traffic on the adjacent road network.

### 3.6 RECOMMENDED TRAFFIC MANAGEMENT SPEED LIMITS

Adherence to posted/legal speed limits will be emphasised to all staff, suppliers and contractors during induction training. Drivers of construction vehicles and HGVs will be advised that vehicular movements in sensitive locations, such as local community areas, shall be restricted to 30km/h. Special speed limits not exceeding 15km/h shall be implemented for construction traffic in sensitive areas such as adjacent to and within the construction site. Such recommended speed limits will only apply to construction traffic and shall not apply to general traffic. It is not proposed to signpost such speed limits in the interest of clarity for local road users.

### 3.7 ROAD CLEANING

It shall be a requirement of the works contract that the Main Contractor will be required to carry out road sweeping operations to remove any project related dirt and material deposited on the road network by construction/delivery vehicles. Road Sweepers will dispose of material following sweeping of road network, to licensed waste facility.

### 3.8 ROAD CONDITION

The Contractor will be required to carry out pre-construction condition photo survey of the site which will include all perimeter boundaries, footways, existing carriageways on approach to the site. Any damage caused to existing boundaries or elements to be retained will be rectified by the Contractor in accordance with relevant standards.

The extent of the heavy vehicle traffic movements and the nature of the payload may create problems of:



- Fugitive losses from wheels, trailers or tailgates; and
- Localised areas of subgrade and wearing surface failure on the L3142 Road.

The Contractors shall ensure that:

- Loads of materials leaving each site will be evaluated and covered if considered necessary to minimise potential dust impacts during transportation.
- The transportation Contractor shall take all reasonable measures while transporting waste or any other materials likely to cause fugitive losses from a vehicle during transportation to and from site, including but not limited to:
  - Covering of all waste or material with suitably secured tarpaulin/covers to prevent loss; and
  - Utilisation of enclosed units to prevent loss.
- The roads forming part of the haul routes will be monitored visually throughout the construction period and a truck mounted vacuum mechanical sweeper will be assigned to roads along the haul route as required.
- Throughout the course of the construction of the proposed development, ongoing visual inspections and monitoring of the L3142 Road in the vicinity of the site access will be undertaken to ensure any damage caused by construction traffic is recorded and that the relevant Local Authority is notified.

Arrangements will be made to repair any such damage to an appropriate standard in a timely manner such that any disruption is minimised. Upon completion of the construction of the proposed development, the surveys carried out at preconstruction phase shall be repeated and a comparison of the pre and post construction surveys carried out. On completion of the project, the wearing course of tarmacadam will be laid on the entire development and any defect made good.

### 3.9 ENFORCEMENT OF TRAFFIC MANAGEMENT PLAN

All project staff and material suppliers will be required to adhere to the final TMP. As outlined above, the principal contractor shall agree and implement monitoring measures to confirm the effectiveness of the TMP. Regular inspections/spot checks will also be carried out to ensure that all project staff and material supplies follow the agreed measures adopted in the TMP.

### 3.10 WORKING HOURS & DAYS

Workings hours will be confirmed by Kilkenny County Council prior to commencement of works.

Construction works will be coordinated to ensure construction traffic will have limited impact on the surrounding road network and to have minimum impact on peak morning and evening traffic periods.

### 3.11 DETAILS OF EMERGENCY PLAN

- The Contractor shall ensure that unobstructed access is provided to all emergency vehicles along all routes and site accesses. The Contractor shall provide to the local authorities and emergency services, contact details of the Contractor's personnel responsible for construction traffic management. In the case of an emergency the following procedure shall be followed:



- Emergency services will be contacted immediately by dialling 112 or 999.
- Exact details of the emergency/incident will be given by the caller to the emergency line operator to allow them to assess the situation and respond in an adequate manner.
- The emergency will then be reported to the Site Manager.
- Where available, trained site first aiders will attend the incident; and
- The Site Manager will maintain contact with the emergency services to ensure they have directions to the site.

In the case of an incident where the emergency services are not required, any persons injured will be taken to the nearest hospital by the Site Manager or other appointed person. The nearest hospital to the site is:

University Hospital Waterford – located approximately 12km to the southeast of the site

Phone No. – (051) 848 000

Driving Time – c. 18 minutes

### 3.12 COMMUNICATION

The Contractor shall ensure that close communication with Kilkenny County Council and the emergency services shall be maintained throughout the construction phase. Such communications shall include:

- Submissions of proposed traffic management measures for comment and approval.
- Ongoing reporting relating to the condition of the road network and updates to construction programming; and
- Information relating to local and community events that could conflict with proposed traffic management measures and construction traffic to implement alternative measures to avoid such conflicts.

The Contractor shall also ensure that the local community is informed of proposed traffic management measures in advance of their implementation. Such information shall be disseminated by posting advertisements in local newspapers and delivering leaflets to houses in the affected areas. Such information shall contain contact information for members of the public to obtain additional information and to provide additional knowledge such as local events, sports fixtures etc. which may conflict with proposed traffic management measures.



## 4. PRELIMINARY SCHEDULE OF WORKS

The schedule of works described below is an outline of the construction activities which will be required to deliver the proposed residential development. The schedule is a high-level summary and should not be viewed as an exhaustive list of construction activities. The Main Contractor will be required to submit a detailed construction programme before work commences.

- Site establishment and set-up:
- Enabling works
- Site clearance, (for the decommissioning and removal of the existing treatment plant)
- Bulk earthworks & construction of underground services
- Construction of roads
- Tie-in Works

The above programme shall be considered as indicative. The final construction programme and schedule of works may also be dependent on technical, legal, or financial impacts outside of the construction works. The main Contractor, upon appointment, will be required to provide a detailed programme of works for the completion of the works.

### 4.1.1 SITE ESTABLISHMENT AND SET-UP

The hoarding or fencing will be maintained and kept clean for the duration of the works. Adequate hoarding or fencing will be erected to establish a secure site boundary in agreement with the Kilkenny County Council. Temporary site construction compound and material storage areas will be established. Provision will be made onsite for a construction staff carpark within the Contractor's compound. Parking will be prohibited on the L3142 Road to ensure that there will be no interference with pedestrians/vehicular traffic.

### 4.1.2 ENABLING WORKS

Temporary services for the site compound will be installed via existing permanent services in the vicinity of the site if possible. In case of lack of existing services, temporary measures will be provided such as water tankers for water supply, generators for power supply and temporary holding tanks for foul drainage. Any necessary signage will be erected at site entrances. Retaining structures will be constructed at boundaries where necessary.

### 4.1.3 SITE CLEARANCE

Excess topsoil will be stockpiled to be recycled and reused within landscaped areas of the proposed development.

The Contractor will be required to use licenced and permitted waste management facilities within Southern Waste Management Region (SWR) which can accept Construction & Demolition waste which will be generated from the site.

The appointed contractor will determine which facilities will provide construction materials and collect waste from the site. Suitably permitted waste contractors will be appointed to transport any waste off-site.



#### 4.1.4 BULK EARTHWORKS & CONSTRUCTION OF UNDERGROUND SERVICES

The site will be regraded to formation level through an exercise of local excavation and filling as required by the design. Any excess material will be exported to a suitable waste handling facility where it will be disposed of responsibly. Sedimentation and erosion control measures will be employed to prevent silt laden surface water runoff from flowing through the construction site and to ensure that surface water runoff is managed in an effective manner.

Sub-base material for under roads will be installed and compacted during this project stage.

Underground services such as surface water network, watermain and electricity cables will be laid. Internal site roads will be constructed to base level to form haul routes within the site.

#### 4.1.5 EXTERNAL WORKS AND LANDSCAPING

External works and landscaping will include the completion of all site services including attenuation tanks and permanent connection of the development to the utilities such as the Uisce Éireann infrastructure networks. Completion of all roads, SuDS elements, footpaths, and landscape features are also included.

### 4.2 CONSTRUCTION COMPOUND AND STORAGE AREAS

The Main Contractor will be required to submit a site layout plan indicating the proposed location for the construction site compound. The compound will consist of a hardstanding area housing all necessary site offices, site reception, spill kits, canteen, drying room and welfare facilities for construction workers. Portaloo's will be provided in the compound initially with a dedicated toilet block installed at a later date and connected to the existing foul drainage network. Electrical and potable water supply will be provided via temporary connections to the existing services located near the site in agreement with the service providers. Car parking for construction workers and visitors will be located within the construction compound. Waste facilities will be located within the site compound as necessary. Containers and skips intended for construction waste will be located close to works areas as required.

The construction site compound will include provision for dust control and surface water control facilities.

Incoming construction materials will be offloaded and stored within a materials compound.

### 4.3 PRE-CONSTRUCTION SURVEYS

Topographical surveys have been carried out for the site and are available to Contractor.

Prior to any excavation or groundworks, the main contractor is required to perform "dial-before-you-dig" assessments of the site and where necessary, commission ground penetrating radar surveys to identify buried services. The main contractor is to liaise with service providers to manage any buried services identified prior to works being undertaken in the vicinity of the buried service.



## 4.4 OIL AND FUEL STORAGE

Where possible, refuelling of vehicles and equipment will not be carried out on site to minimise the potential for spills or leaks to occur. However, some fuel, lubricants and hydraulic fluids will need to be stored on site during construction works for equipment such as excavators and generators.

Fuelling and lubrication of equipment will only be carried out in a designated area of the site away from any existing manholes or gullies. At present, it is proposed that fuel and lubricants will be stored adjacent to the materials compound. Fuels and oils will be contained within a bunded structure with capacity for 110% of the storage capacity of the largest container/tank. This bunded area will be roofed appropriately to exclude rainwater.

The fuel storage area will be properly secured to prevent unauthorised access or vandalism, and all triggers will be locked when not in use. Spill kits and drip trays will be used during refuelling to collect any potential spills or overfills. No vehicles or containers will be left unattended during refuelling.

Mobile fuel bowsers may be used for refuelling heavy equipment. Bowsers used will be double skinned and spill kit/drip tray equipment will be used during refuelling which will take place away from any nearby drains or watercourses and from any surface water drainage gulleys.

## 4.5 ENVIRONMENTAL RESPONSE PROCEDURES

Spill kits will be made available on site and identified with signage for use in the event of an environmental spill or leak. A spill kit will be kept in close proximity to the fuel storage area for use in the event of any incident during refuelling or maintenance works. Heavy machinery used on the site will also be equipped with its own spill kit.

In the event of an environmental incident, the appointed Project Environmental Manager will be notified immediately, and absorbent materials used to prevent the spread of the spill/leak. The contaminated materials will be transferred to leak-proof storage containers and any contaminated soils or gravels excavated and removed off-site. A record of the incident will be kept, and Kilkenny County Council will be notified.

## 4.6 TRAINING AND AWARENESS

All site staff will be required to complete an induction prior to commencement of works on the site. The details of the site induction will be provided by the main contractor in the Construction Health & Safety Plan.

If necessary, as part of the site induction, all site staff will be made aware of the presence of any potentially sensitive ecological areas in the vicinity of the site.

During the project works, the Site Manager or Project Environmental Manager will deliver strategic toolbox talks focused on potential environmental and safety risks associated with the works being carried out at that stage of the project.



## 5. HEALTH AND SAFETY

The main contractor is required to provide a best practice working environments for all employees involved in the construction of the proposed development. This includes a responsibility to take into account all relevant statutory laws and guidelines.

A Project Supervisor Construction Stage (PSCS) will be appointed by the contractor in accordance with the provision of Safety, Health and Welfare at Work (Construction) Regulations, 2013.

The nominated PSCS shall prepare and lodge the relevant notices for the Works with the various statutory authorities including but not limited to the AF2 notifications to the Health & Safety Authority.

The Main Contractor will be required to appoint a competent Temporary Works Designer and a suitably qualified engineer to coordinate the design of the temporary works.

All construction activity will be carried out in accordance with the requirements of the Safety, Minimum PPE required during the construction works will include protective footwear, high visibility vests, gloves, safety glasses and hard hats. Ear defenders will be used during noise works, as required.

Signage will be erected at the site entrance to warn the public of the ongoing construction works. The signage used will be similar to that shown in Figure 4.



Figure 5-1 - Example of Site Safety Signage



## 6. STATUTORY REQUIREMENTS OF THE MAIN CONTRACTOR

The Main Contractor will be required comply with any and all statutory requirements and to obtain licences and consents required to carry out the works such as but not limited to:

- Temporary Road Closure Licence
- Road Opening Licences
- Waste Management Licence
- Work Permits

### 6.1 PROJECT SUPERVISOR CONSTRUCTION STAGE

The appointed PSCS will be required to comply with the 2013 Regulations. A non-exhaustive list of the duties of the PSCS are as follows:

- i. Upon appointment, the PSCS will develop the Safety & Health Plan, including updating it with new/revised design information passed on by the PSDP. Following this the Contractor's designers' information will be coordinated with all other designers' information and any new information will be passed onto the PSCS for inclusion in the Safety and Health Plan.
- ii. The PSCS will be obliged to advise the PSDP, as soon as is practical, of any changes arising from unforeseen conditions or eventualities which may affect design. This must be done in order to permit the PSDP to pass this information to all designers so that they can coordinate their designs and include the changes in their designs.
- iii. The PSCS will ensure that at all times all personnel onsite will have completed appropriate training including Safe Pass and CSCS where necessary. The PSCS will ensure that records of the training, including copies of certificates/cards, shall be kept on a readily accessible file for inspection. Copies of the same shall be provided to the Resident Engineering Staff or other designated Representatives of the Local Authority.
- iv. The PSCS and the Main Contractor will assist the PSDP where required, to allow the PSDP comply with the Regulations. This extends to ensuring that all of the Contractor's designers and any specialist/ proprietary designers cooperate with the PSDP.
- v. The PSCS will be required to coordinate the contractors who will be providing information for the Safety File and presented to the PSDP for review.
- vi. The PSCS must gather all relevant information, from all designers, specialist designers, and contractors, including relevant information from the final version of the Safety & Health Plan, and delivery to the PSDP for inclusion in the Safety File.

The following is a high-level summary of the information, which the PSCS must provide to the PSDP for inclusion in the safety file:

- Construction Programme
- All As-Constructed Drawings
- All design information and general design criteria
- Documentation on maintenance procedures and requirements
- Details of equipment and maintenance facilities
- All manuals, certificates
- All procedures, requirements and schedules



- Details of location and nature of all utilities and services
- Fire Fighting and emergency systems (including security systems)
- Site records – example logs of difficulties encountered on site.
- Copies of relevant photographic and video material of construction
- Other relevant information, which in the opinion of the PSCS should be included in the safety file.
- Any further information, requested by the PSDP, which is deemed necessary to complete the role of PSDP and to prepare the Safety File.

The PSCS will coordinate all contractors' arrangements for constructing the works so as to protect the Safety Health and Welfare of all persons (including employees, visitors and the general public) affected by the construction of the works.

It will be the duty of all contractors to implement these arrangements to protect, as far as reasonably practicable, the Safety Health and Welfare of all persons affected by the construction of the works.

The PSCS will monitor all of these arrangements and shall take appropriate steps, where necessary, to ensure that they are implemented and effective in accordance with S.I. 504 of 2006.

The Main Contractor will be required to, in respect of all persons' and sites' activities, provide for, and ensure compliance with, all Health, Welfare and Safety Standards and Regulations whatsoever arising in connection with the works.

The Main Contractor shall ensure that safe practices and methods of work are adopted at all times.

The Main Contractor will ensure that all safety, health and welfare measures required under or by virtue of the provisions of any enactment or regulations or working rules of any industry are strictly complied with.

The Main Contractor will comply with the Safety Health and Welfare at Work Act, 2005. All work shall be subject to S.I. No. 44 of 1993 Safety Health and Welfare at Work (General Application) Regulations as amended from time to time. The Contractor must comply with the current metric edition of the IEE Regulations and the requirements of the Electricity Supply Board. Works on roads, footpaths and cycle tracks shall be carried out in compliance with Part 13 of the Safety, Health and Welfare at Work (Construction) Regulations, 2006. All works shall be subject to the requirements of the following General Application Regulations:

- S.I. 371 of 2006 – SHWW Control of Noise at Work Regulations 2006
- S.I. 370 of 2006 – SHWW Control of Vibration at Work Regulations 2006
- S.I. 318 of 2006 – SHWW Work at Height Regulations 2006
- S.I. 386 of 2006 – SHWW Exposure to Asbestos Regulations 2006-2010

All works are required to comply with Local Authority bylaws and with all current legislation.

The Main Contractor must ensure that all vehicles delivering or transporting materials in connection with the Works shall be adequate sheeted to ensure that as far as practicable no materials can fall, and no dust can be blown from the vehicle.



A Safety and Health Plan will be prepared for the works. The Main Contractor will be required to familiarise itself with each item detailed in the Plan and to make any necessary amendment to their proposed Programmes of Work to reflect such.

## 6.2 PROJECT SUPERVISOR DESIGN PROCESS

A Project Supervisor for the Design Process (PSDP) will be appointed for the project in accordance with the provision of Safety, Health and Welfare at Work (Construction) Regulations, 2013.

## 6.3 CERTIFICATES

The Main Contractor will provide, when requested, certificates in the form approved by the HSA and as set out in the HSA guidance document “Guidelines on the Procurement, Design and Management Requirements of the Safety Health and Welfare at Work (Construction) Regulations 2013” including the temporary works design certificate.

## 6.4 DUTIES OF THE CONTRACTOR

The Contractor will be required to execute and complete the Works:

- with proper skill and care
- in a good and workmanlike manner in accordance with good engineering practice and all relevant codes and standards
- utilising good quality new materials and equipment fit for their respective purposes.
- in compliance with the Statutory Requirements



## 7. CONCLUSION

The Preliminary Temporary Traffic Management Plan (TMP) will form part of the construction contract and will be designed to reduce possible impacts which may occur during the construction of the proposed development. This TTMP shall be used by the appointed Contractor as a basis for the preparation of a final TTMP and shall detail, at a minimum, the items detailed in this TTMP and any subsequent requirements of the local authorities.

The Employer shall be responsible for ensuring that the Contractor manages the construction activities in accordance with this TTMP and shall ensure that any conditions of planning are incorporated into the final TTMP prepared by the appointed works Contractor.

