CORK CITY COUNCIL TRAFFIC OPERATIONS DIVISION

Road Safety Improvement Schemes

PUBLIC CONSULTATION Section 38 of the Road Traffic Act 1994 (as amended)





An Roinn Iompair Department of Transport

DRAWING SCHEDULE

DWG No.	TITLE
000	Drawing Schedule
001	Site Location Map
002	Site A - L2211 Coolroe Road Pedestrian Crossing
003	Site B - L1117 St Colmcille Road Zebra Crossing
004	Site C - White's Cross Junction Improvements
005	Site D - Dublin Pike Junction Improvements
006	Site E - L6746 Bellevue Road Pedestrian Crossing
007	Typical Sections and Details





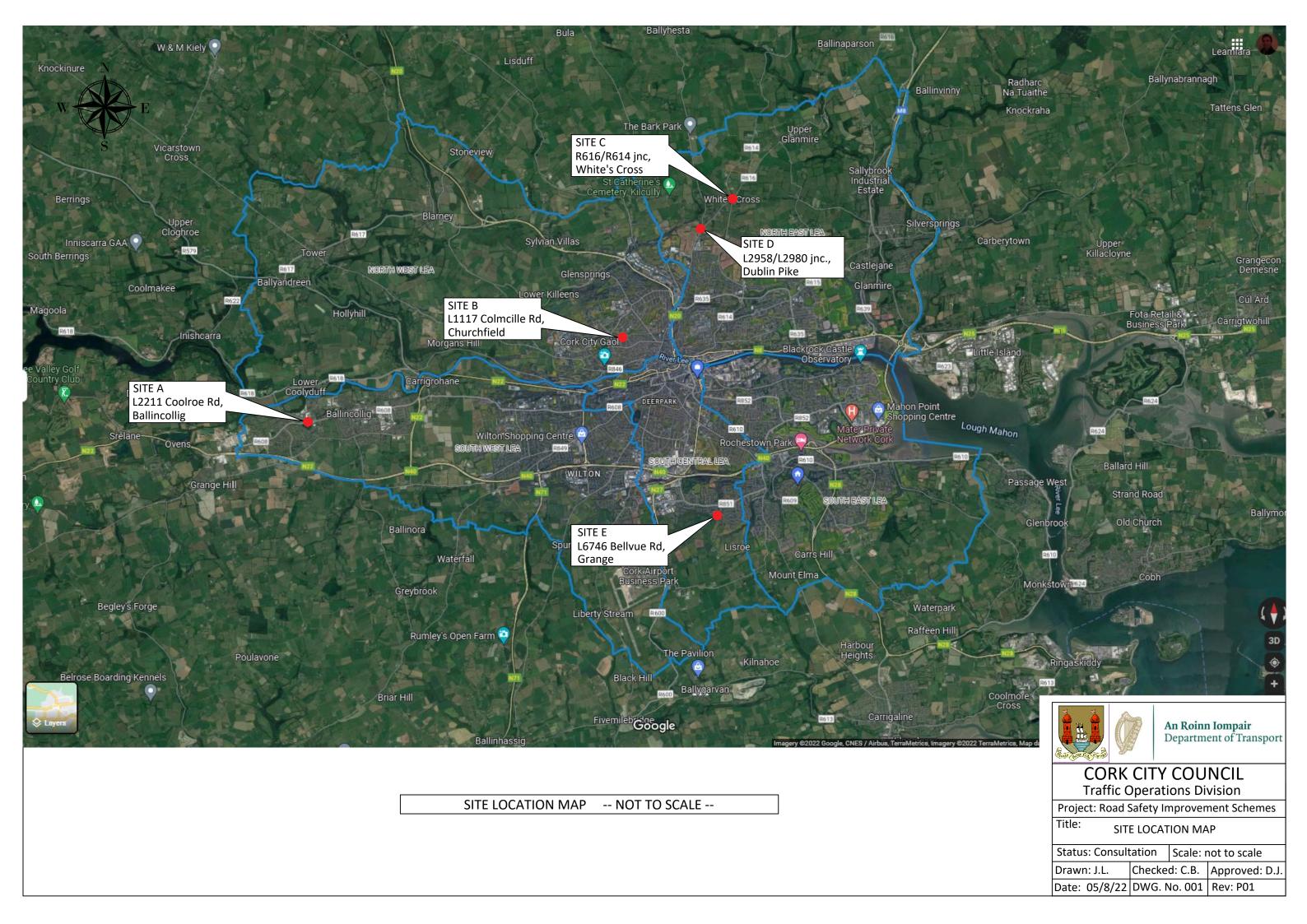
An Roinn Iompair Department of Transport

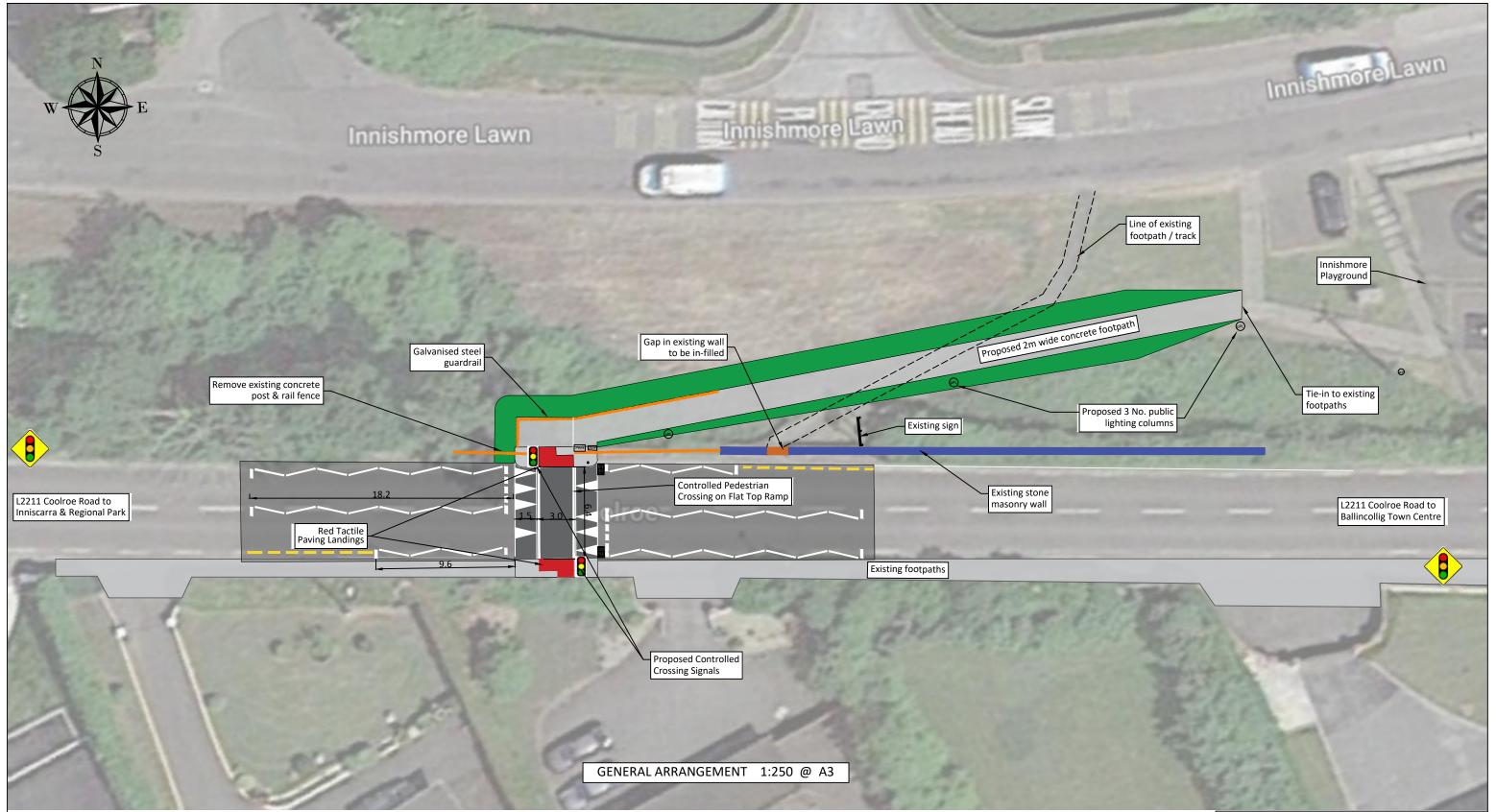
CORK CITY COUNCIL Traffic Operations Division

Project: Road Safety Improvement Schemes

DRAWING SCHEDULE Status: Consultation | Scale: N/A

Checked: CB Approved: DJ Date: 5/8/22 DWG. No. 000 Rev: P01





Background: On the northern side of the L2211 Coolroe Road, a gap exists in the roadside stone wall and an informal track leads from that gap across the green area and joins with the L6321 Mechterstadt Road. This gap and track represents a significant pedestrian "desire line". In particular, it allows residents of the areas south of Coolroe Road convenient pedestrian access to the Innishmore playground and other nearby amenities and community facilities in the Innishmore area of Ballincollig.

Proposal: In the interests of the safety and convenience of all road users, it is now proposed to construct a controlled pedestrian crossing and improved footpath facilities at this location.

The proposed works are summarised as follows:

- Construction of a 3m long flat top speed ramp at the realigned crossing location.
- Installation of a signal controlled pedestrian crossing on the flat top ramp, including all associated electrical and control equipment.

- Closing up of the gap in the existing roadside wall with stonework to match the existing.
- Re-construction of the footpath leading towards Mechterstadt Road and Innishmore Playground
- Ancillary improvements such as: replacement and additional road markings, road traffic signage, public lighting, and road drainage will also be implemented where necessary.
- All other associated ancillary site works.

The scheme has been designed in accordance with the Design Manual for Urban Roads and Streets and, where relevant, the TII Design Manual for Roads & Bridges.

All layouts and details are indicative for consultation purposes and may be subject to change.





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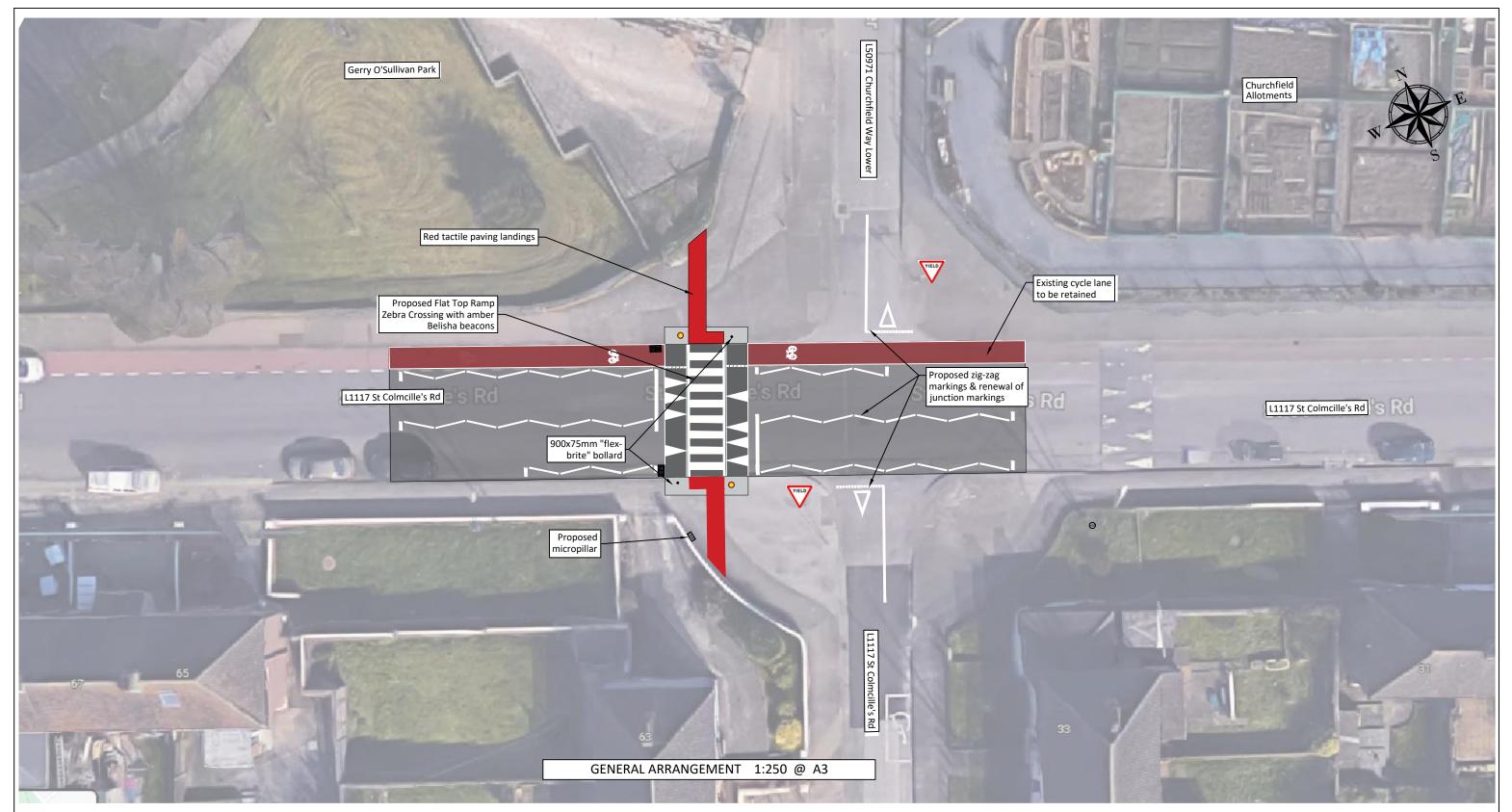
CORK CITY COUNCIL Traffic Operations Division

Project: Road Safety Improvement Schemes

Title: SITE A - Proposed Scheme Layout L2211 Coolroe Road Pedestrian Crossing

Status: Consultation Scale: 1:250

Checked: CB Drawn: J.L. Approved: DJ DWG. No. 002 | Rev: P01 Date: 5/8/22



Background: St Colmcille's Road is primarily a residential area and is one of the the main links between the Churchfield and Shandon/Blackpool areas. North of the St Colmcille Rd / Churchfield Way Lower junction are the Before 5 family center, Gerry O'Sullivan Park & Churchfield Allotments. To the south are mostly residential areas. This arrangement of residential areas and community facilities creates a significant pedestrian desire line across St Colmcille's Rd at the junction.

Proposal: In the interests of the safety and convenience of all road users, it is now proposed to provide a zebra pedestrian crossing on St Colmcille's Road near its junction with Churchfield Way Lower. The proposed works are summarised as follows:

- 1. construction of a 3m long flat top speed ramp to the north of the junction,
- installation of a zebra crossing facility across the flat top ramp with flashing amber belisha beacons and zebra crossing & zig-zag approach road markings, and all associated control and electrical equipment.

- 3. Ancillary improvements such as: replacement and additional road markings, road traffic signage, public lighting, and road drainage will also be implemented where necessary.
- . All other associated ancillary site works.

The scheme has been designed in accordance with the Design Manual for Urban Roads and Streets and, where relevant, the TII Design Manual for Roads & Bridges.

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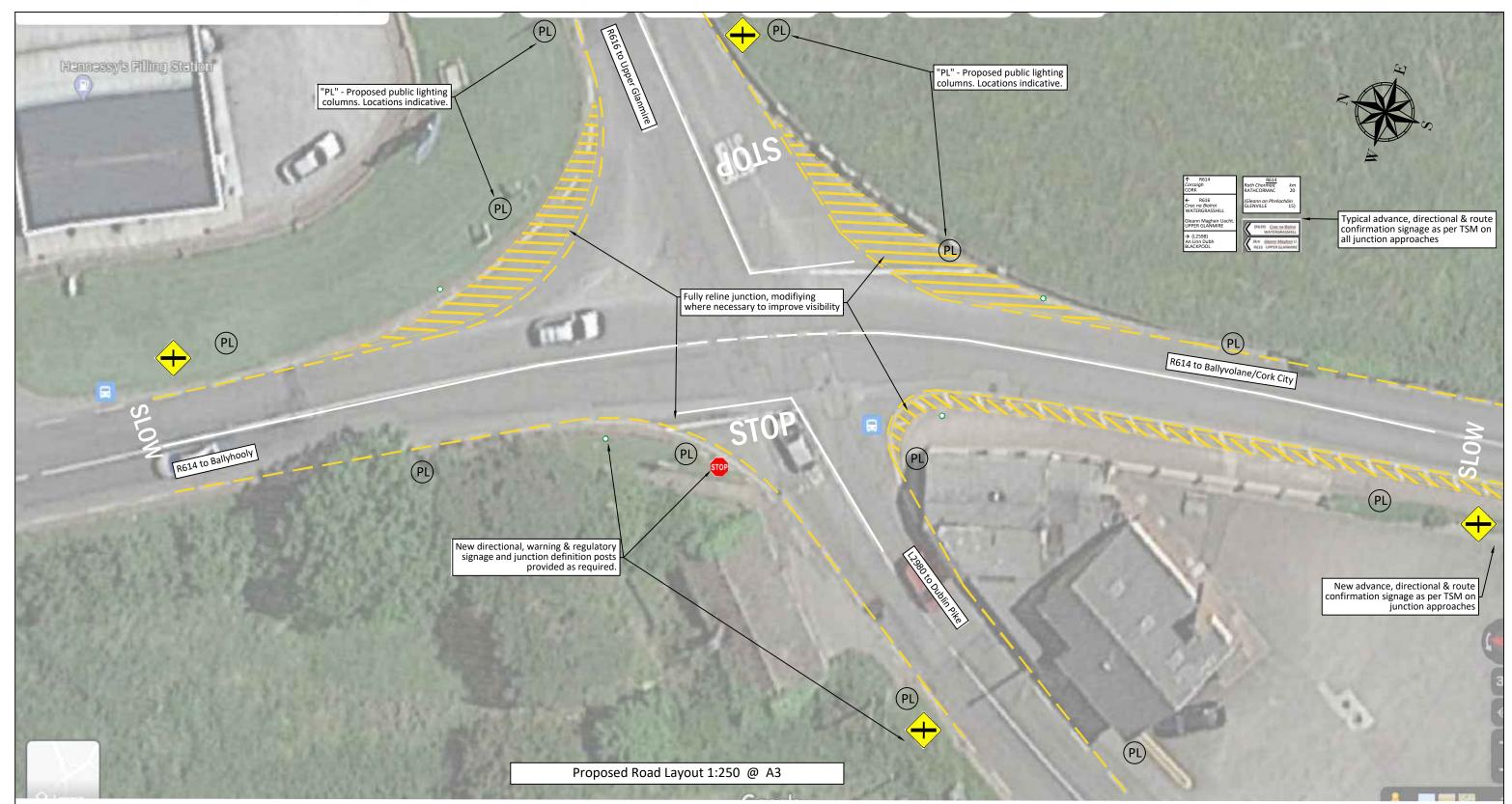
CORK CITY COUNCIL Traffic Operations Division

Project: Road Safety Improvement Schemes

Title: SITE B - Proposed Scheme Layout L1117 St Colmcille's Road Zebra Crossing

Status: Consultation Scale: 1:250

Drawn: J.L. Checked: CB Approved: DJ
Date: 5/8/22 DWG. No. 003 Rev: P01



Background

The existing 4-cross roads junction geometry is poor with very limited visibility on the L2980 approach from Dublin Pike. Vehicles from this approach must emerge some distance onto the R614 Ballyhooly Road to gain sufficient visibility in the Ballyvolane/Cork City direction. The junction has a history of collisions and near misses.

Proposal:

In the interests of the safety and convenience of all road users, it is now proposed to carry out alterations to the junction layout to improve visibility and road safety. The proposed works are summarised as follows:

- 1. Re-laying of the road markings at the junction so that the traffic lanes are moved slightly to
- 2. Installation of public lighting at the junction, together with associated electrical supply and control equipment.

- 3. Installation of new directional information signage, regulatory signage and warning signage at the junction, and on all four approaches.
- 4. Renewal/replacement of other road signage and road markings as might be necessary.
- 5. All other associated ancillary site works.

The scheme has been designed in accordance with the Design Manual for Urban Roads and Streets and, where relevant, the TII Design Manual for Roads & Bridges.

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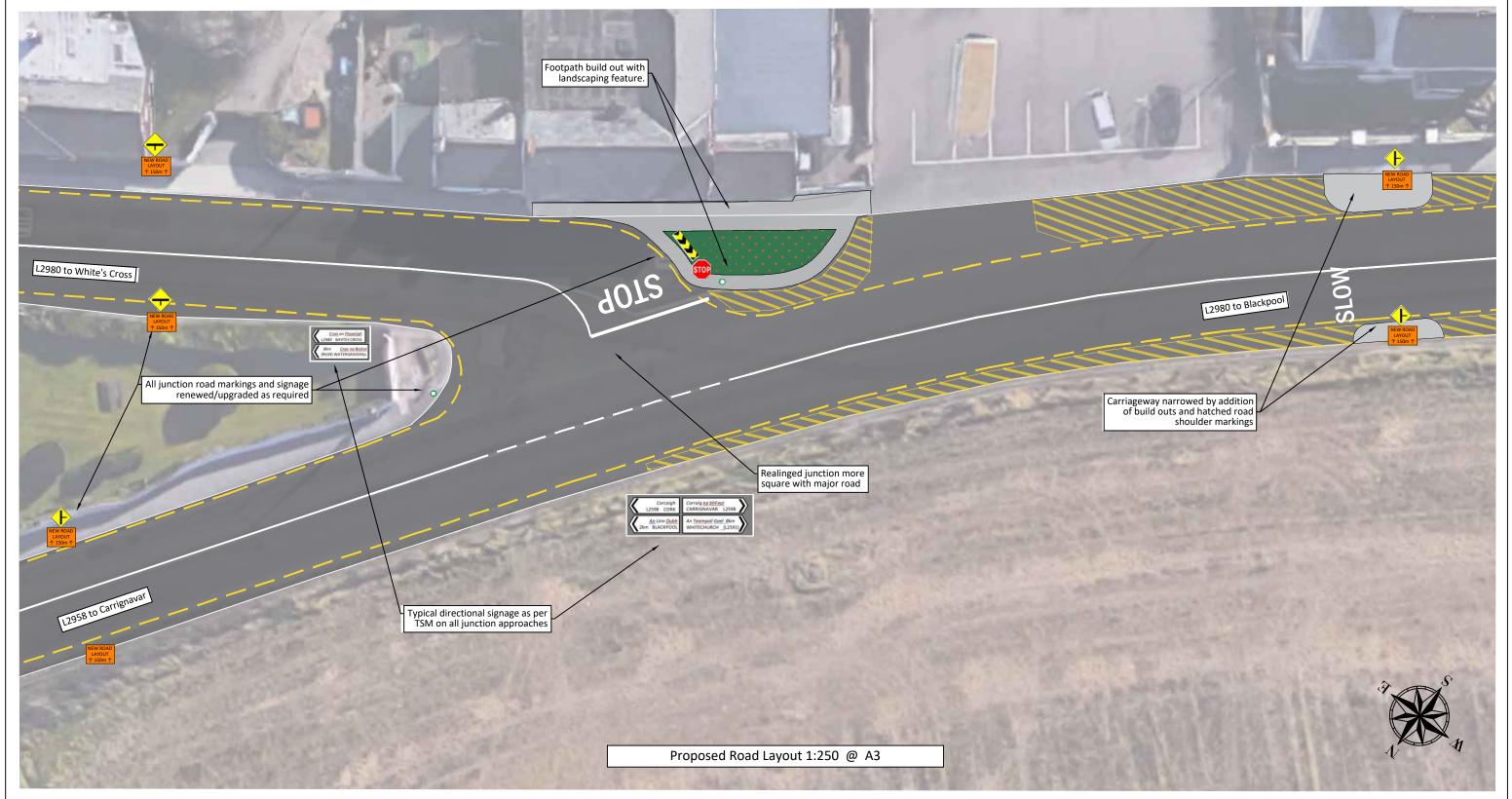
CORK CITY COUNCIL Traffic Operations Division

Project: Road Safety Improvement Schemes

Title: SITE C - Proposed Scheme Layout White's Cross Junction Improvements

Status: Consultation | Scale: 1:250

Drawn: J.L. Checked: CB Approved: DJ
Date: 5/8/22 DWG. No. 004 Rev: P01



Background: The current geometry of the junction is poor, with the White's Cross side road meeting the Blackpool-Carrignavar road at an oblique angle. This results in very poor visibility northwards in the Carrignavar direction for motorists exiting the side road and heading towards Blackpool. The junction has been the site of several road traffic collisions and near misses.

Proposal: In the interests of the safety and convenience of all road users, it is now proposed to undertake works to improve the existing road layout and provide improved road traffic signage on the approaches to the junction. The proposed works are summarised as follows:

- 1. Realignment of the junction so traffic exiting the major road joins at a squarer angle. This will improve overall lines of sight and will ease turning movements for vehicles exiting the side road.
- 2. Construction of built-out kerbs as traffic calming on the wider section of carriageway south of the junction. This will help to define the carriageway more effectively.
- 3. improvement of directional information signage on junction approaches

- 4. Ancillary improvements such as: replacement and additional road markings, road traffic signage, public lighting, and road drainage will also be implemented where necessary.
- 5. All other associated ancillary site works.

The scheme has been designed in accordance with the Design Manual for Urban Roads and Streets and, where relevant, the TII Design Manual for Roads & Bridges.

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CORK CITY COUNCIL Traffic Operations Division

Project: Road Safety Improvement Schemes

Title: SITE D - Proposed Scheme Layout Dublin Pike Junction Improvements

Status: Consultation | Scale: 1:250

Drawn: J.L. Checked: CB Approved: DJ Date: 5/8/22 DWG. No. 005 Rev: P01



Background: Scoil Nioclais is on the northern side of the L6746 road, while a pickup/dropoff area and residential areas are to the southern side of the road. This arrangement creates a significant pedestrian crossing desire line at the school. Along the school's road frontage, there are three existing ad-hoc crossings, all of which are of variable quality, exhibiting insifficient widths, trip hazards and drainage issues.

Proposal: In the interests of the safety and convenience of all road users, it is now proposed to carry out alteration and improvement works to the road layout in the vicinity of Scoil Niocláis. The proposed works are summarised as follows:

- 1. Existing east and west ad-hoc crossings to be converted to traffic calming features with new build-outs and landscaping.
- Existing ad hoc crossing at school entrance to be renewed and upgraded to beaconless zebra crossing arrangement consisting of new 3m wide flat top speed table, 100mm high with 1.5m long approach ramps.
- improved footpath landings at either side with tactile paving panels
- double sided "pedestrian crossing" signage, and advance crossing warning signage
- zebra crossing road markings.

- Ancillary improvements such as: replacement and additional road markings, road traffic signage, public lighting, and road drainage will also be implemented where necessary.
- All other associated ancillary site works.

The scheme has been designed in accordance with the Design Manual for Urban Roads and Streets and, where relevant, the TII Design Manual for Roads & Bridges.

All layouts and details are indicative for consultation purposes and may be subject to change.





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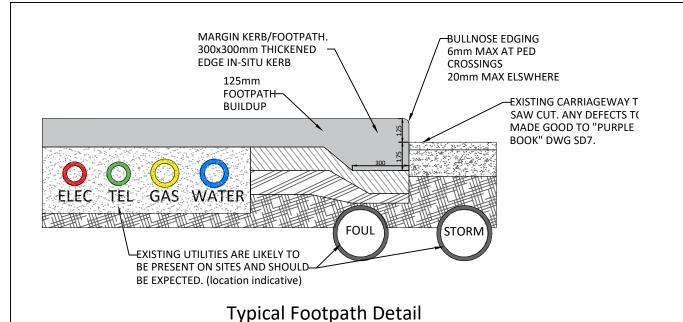
CORK CITY COUNCIL Traffic Operations Division

Project: Road Safety Improvement Schemes

Title: SITE E - Proposed Scheme Layout L6746 Bellevue Road Pedestrian Crossing

Status: Consultation | Scale: 1:500

Drawn: J.L. Checked: CB Approved: DJ Date: 5/8/22 | DWG. No. 006 | Rev: P01

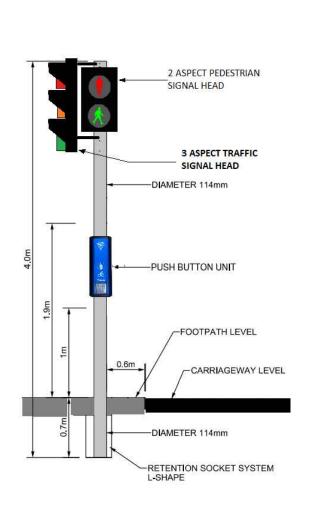


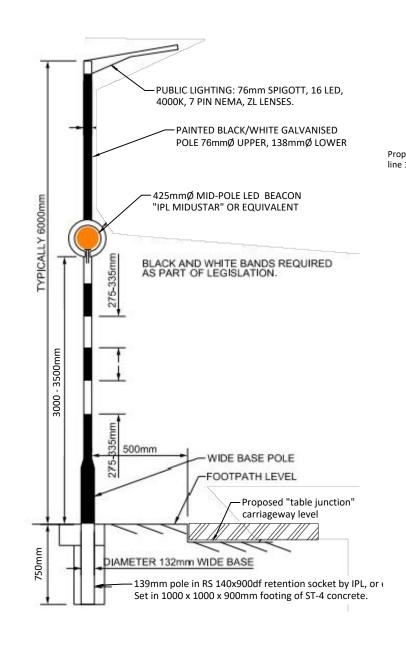
Scale 1:20 @ A3

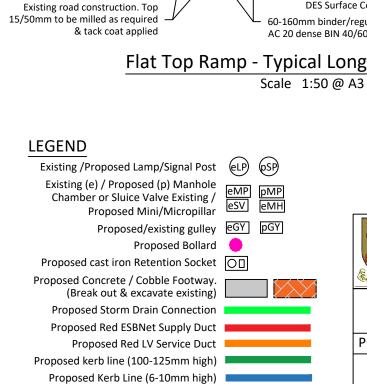
300x300mm THICKENED EDGE-**FOOTPATH BUILDUP** IN-SITU KERB 125mm C30/37 CONCRETE. ON BULLNOSE EDGING 100mm Cl.804 ON ACCEPTABLE 6mm MAX AT PED CROSSINGS MATERIAL TO APP 6/1 10mm MAX ELSWHERE CARRIAGEWAY BUILDUP: 45mm HRA SURFACE COURSE WITH RED CHIP, ON 40-60mm SMA REGULATING COURSE, ON EXISTING SMA PAVEMENT. ELEC TEL GAS WATER EXISTING UTILITIES ARE LIKELY TO BE PRESENT ON SITES AND SHOULD-BE EXPECTED. (location indicative)

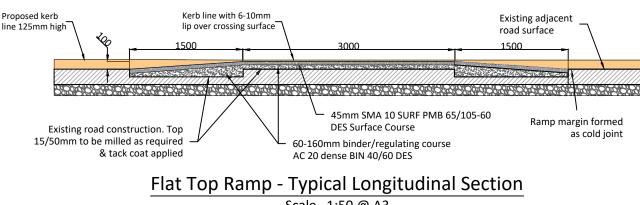
Footpath Detail at Raised Crossings

Scale 1:20 @ A3











Typical Signal Detail - Signal Controlled Crossings

Typical Signal & Public Lighting Detail - Zebra Crossings Scale 1:50 @ A3

Scale 1:50 @ A3

Status: Consultation Scale: As Shown Checked: CB Drawn: J.L. Approved: DJ DWG. No. 007 | Rev: P01 Date: 5/8/22