

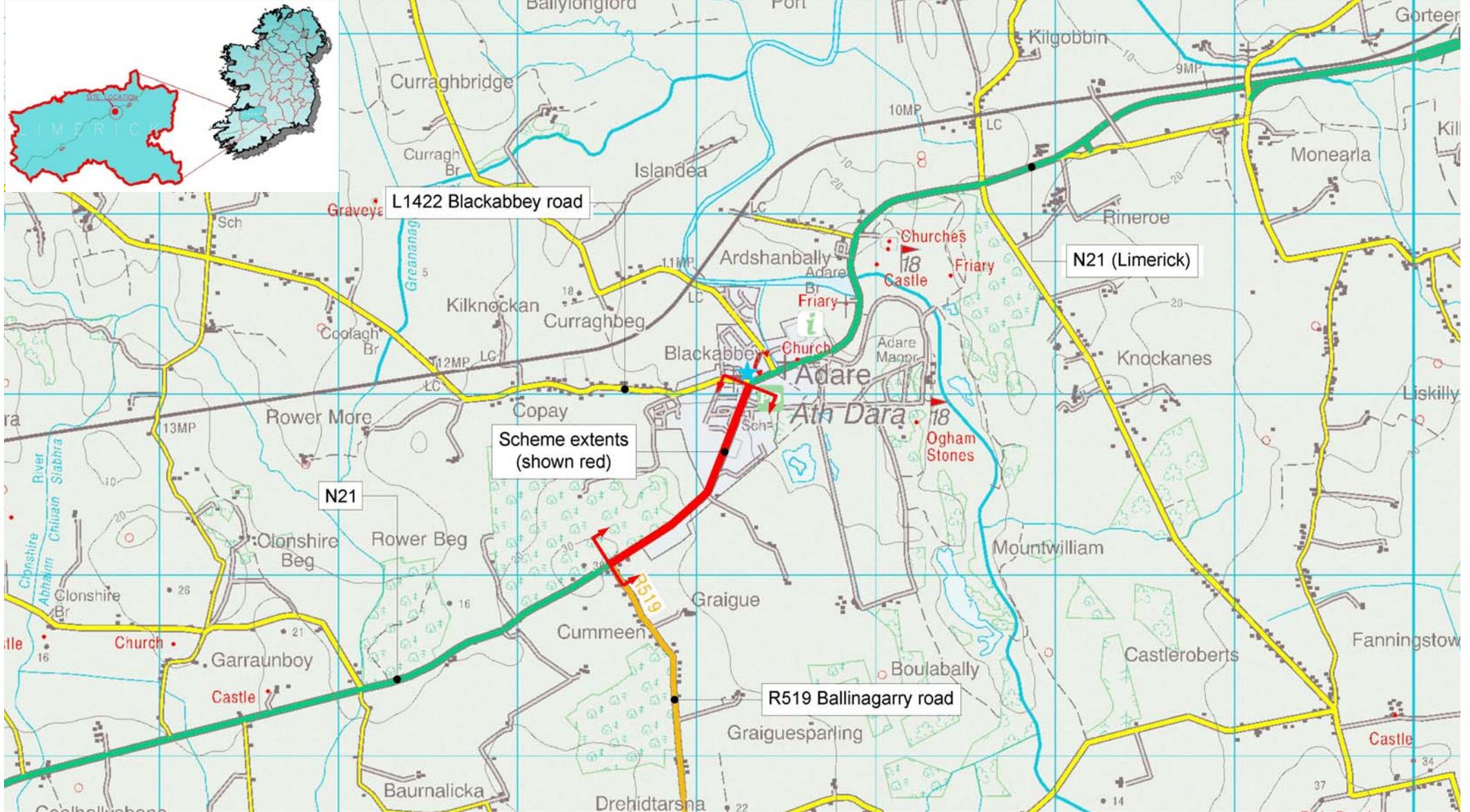
N21 Adare Western Approach Improvement Scheme

Briefing to Elected Members

08th September 2015

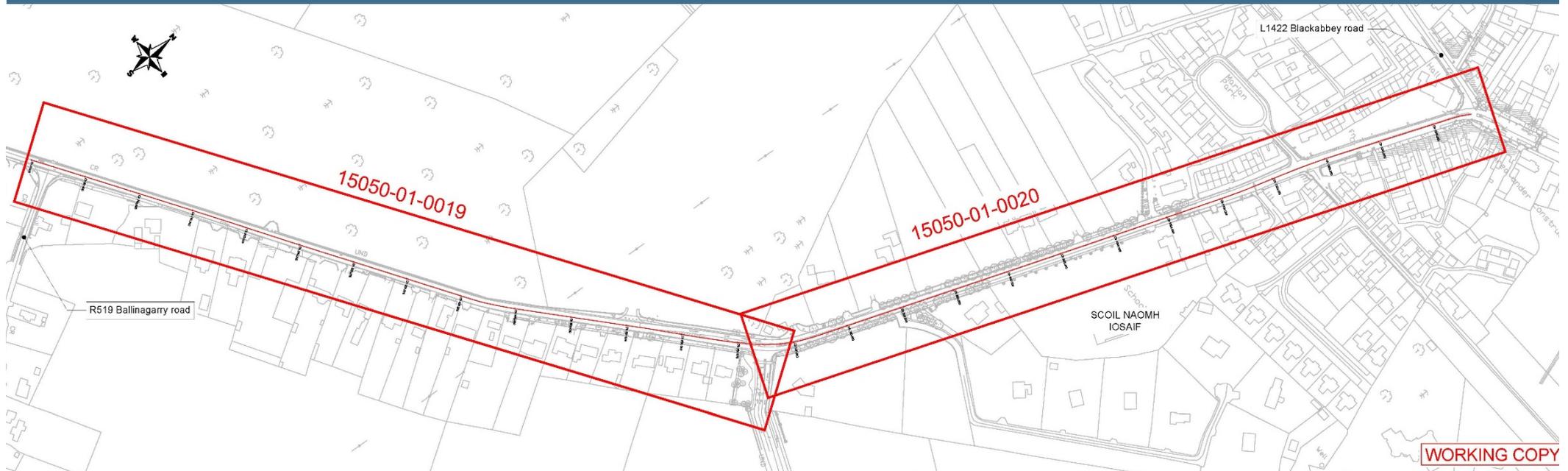


Scheme Location



Introduction

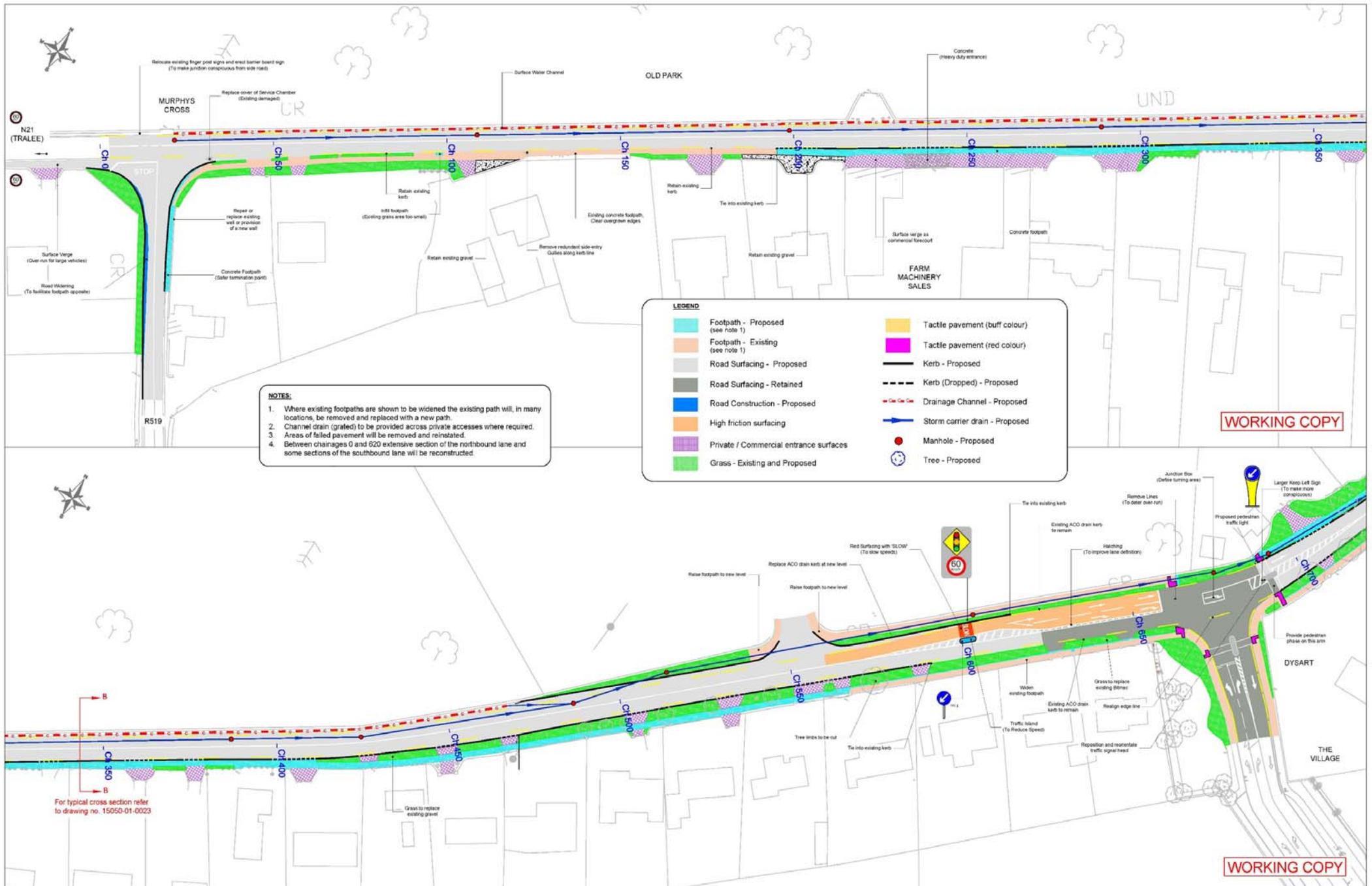
- The intended scheme extends from the R519 Ballingarry Road (southern end) to the L1422 Blackabbey Road (northern end), over an approximate distance of 1.3 km on the N21 National Primary Road.
- It comprises of Pavement Rehabilitation, Drainage, Footpaths and Safety Improvements.



Inadequacies of the Existing Road

- The road pavement is in poor condition; some sections have failed completely, particularly at the village side of the scheme; other sections require strengthening to carry the high level of traffic on the route;
- The road drainage is inadequate and sections of the road are prone to flooding, particularly at the village side of the scheme;
- Visibility for drivers exiting some side roads is restricted;
- The footpath network is not fully connected; many dwellings are not served by public footpaths; some existing footpaths are in poor repair;
- The set-down area at the school (Scoil Naomh Iosaif) is directly beside the N21. This layout results in congestion at school times.





NOTES:

- Where existing footpaths are shown to be widened the existing path will, in many locations, be removed and replaced with a new path.
- Channel drain (grated) to be provided across private accesses where required.
- Areas of failed pavement will be removed and reinstated.
- Between chainages 0 and 620 extensive section of the northbound lane and some sections of the southbound lane will be reconstructed.

LEGEND

Footpath - Proposed (see note 1)	Tactile pavement (buff colour)
Footpath - Existing (see note 1)	Tactile pavement (red colour)
Road Surfacing - Proposed	Kerb - Proposed
Road Surfacing - Retained	Kerb (Dropped) - Proposed
Road Construction - Proposed	Drainage Channel - Proposed
High friction surfacing	Storm carrier drain - Proposed
Private / Commercial entrance surfaces	Manhole - Proposed
Grass - Existing and Proposed	Tree - Proposed

WORKING COPY

WORKING COPY

ROADPLAN CONSULTING

7 Ormonde Road,
Kilkenny
Tel: +353(0)567795800
e-mail: info@roadplan.ie

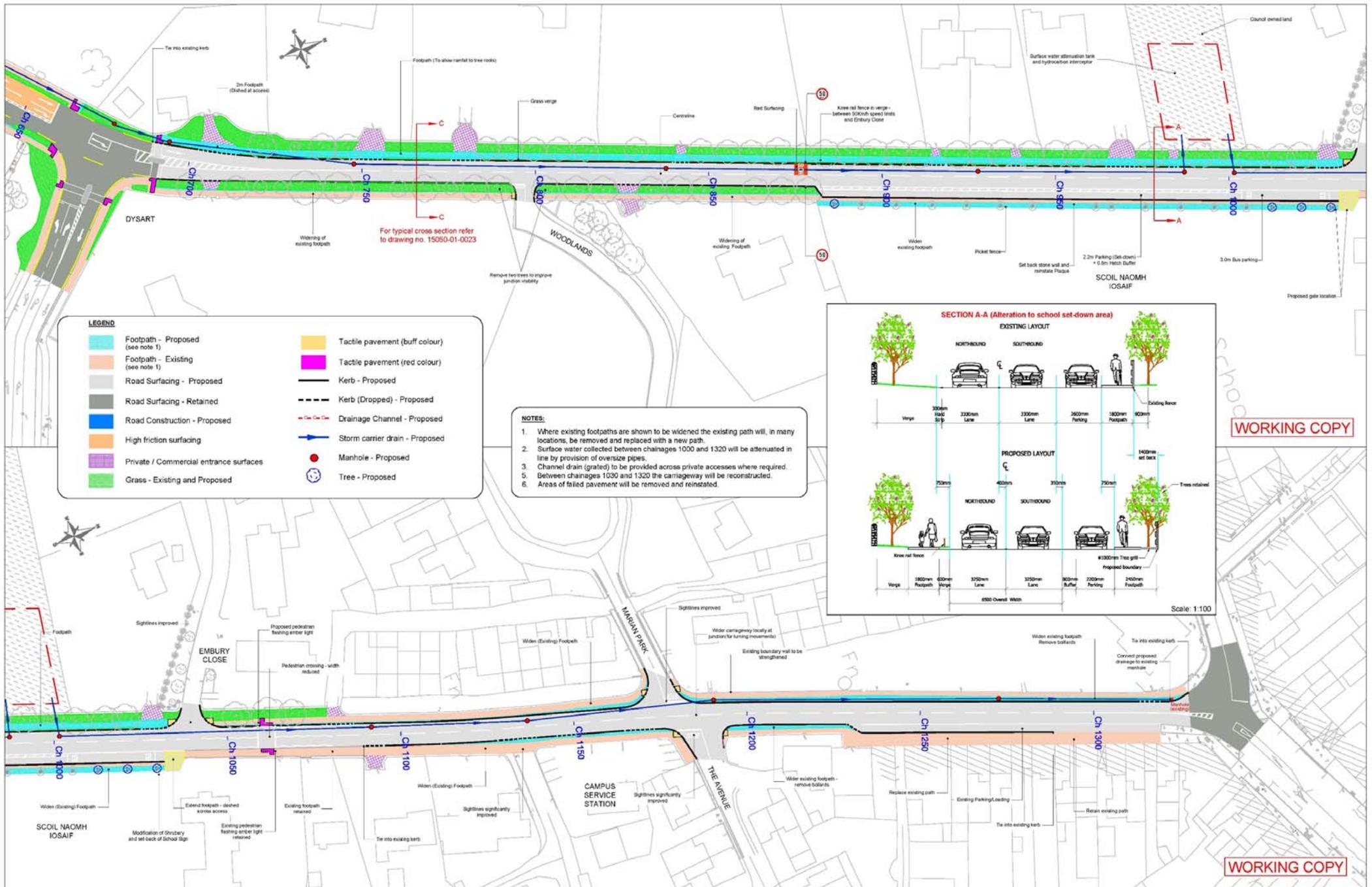
Limerick City and County Council
County Hall
Doonadoyle
Co. Limerick
tel: +353 61 496000
fax: +353 61 496001
e-mail: customerservices@limerick.ie

Mid West National Road Design Office

Mid West National Road Design Office
Lissanilla House
Doonadoyle road
Doonadoyle, Limerick
tel: +353 61 496800
fax: +353 61 593150
e-mail: info@midwestroads.ie

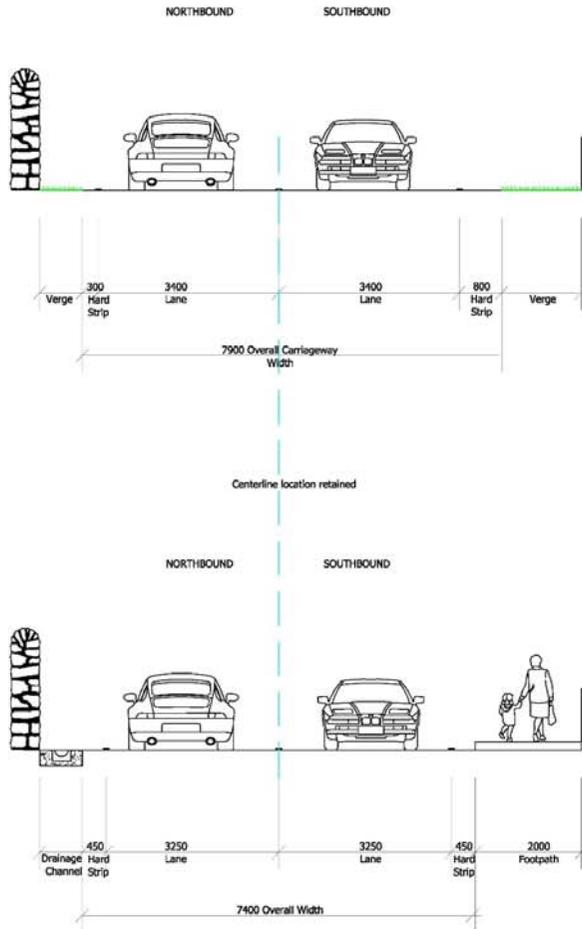
TI I
Transport Infrastructure Ireland
Parigatte Business Centre
Parigatte Street
Dublin 6
tel: +353 1 6602511
e-mail: info@tii.ie

Public Display Drawings		PROJECT TITLE	
		N21 Adare Western Approach Improvement Scheme	
		Drawing Title:	
		Site Layout Plan (Sheet 1 of 2)	
		Drawn by:	
		Sheet Size:	A1
		Scale:	1:500
		Date:	September '15
		Drawing Number:	15050-01-0019



South of The Village Traffic Signals
(60km/h Zone)

Section B - B

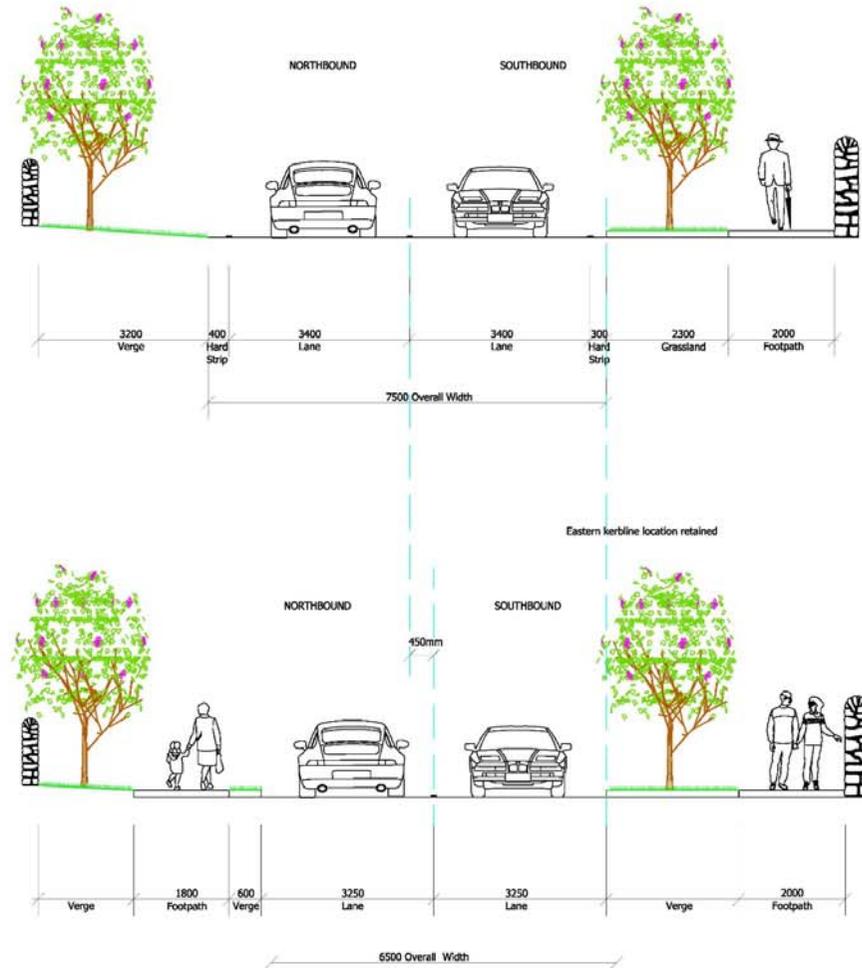


EXISTING

PROPOSED

North of The Village Traffic Signals
(50km/h Zone)

Section C - C



WORKING COPY



7 Ormonde Road,
Kilkenny
Tel: +353(0)567795800
e-mail: info@roadplan.ie



Limerick City and
County Council
County Hall
Doonadoyle
Co. Limerick
tel: +353 61 496000
fax: +353 61 496001
e-mail: customerservices@limerick.ie



Mid West
National Road Design Office

Mid West National Road
Design Office
Lissanalla House
Doonadoyle road
Doonadoyle, Limerick
tel: +353 61 496800
fax: +353 61 593150
e-mail: info@midwestroads.ie



Transport Infrastructure Ireland
Parigate Business Centre
Parigate Street
Dublin 6
tel: +353 1 6602511
e-mail: info@tii.ie

0	Public Display Drawings							
1	Revisions							
2	Design	BD	Check	DD	Appr	DD		

PROJECT TITLE				N21 Adare Western Approach Improvement Scheme			
Drawing Title:				Typical cross-section			
Drawn by:	VD	Sheet Size:	A1	Scale:	As Shown	Date:	September '15
Drawing Number:				15050-01-0023			
Revisions:							

Principal Characteristics of the Preliminary Design

- Resurfacing of the complete road (excluding a section of recently constructed pavement at the traffic signals);
- Reconstruction of areas of road pavement to replace failed pavement;
- Provision of a piped surface water drainage system, with discharge flow attenuated;
- Provision of a kerbed footpath along the east side of the road between the R519 and the traffic signal junction, and on the west side of the road between the signal junction and the school, to provide a fully connected footpath network;
- Provision of a traffic calming island on the northbound approach to the signalised junction, to reduce approach speeds;



Principal Characteristics of the Preliminary Design

(cont'd)

- Indenting of the drop-off area at the school to provide a buffer strip between the drop-off area and the N21;
- Alteration of existing kerb lines and provision of new kerb lines to improve visibility from side roads and to provide a more uniform cross-section.



Construction Phase Considerations & Issues

- **Timing of the Works:**

- A three to four month construction duration is expected;
- The programme is dependent on Part VIII Approval, Funding and Contract Procurement;
- Avoid peak tourist times;
- A mix of daytime and night works may be required; daytime where feasible (to reduce both noise impacts and cost) and night time where necessary (to minimise disruption due to traffic).

- **Temporary Traffic Management:**

- Traffic volumes through the village are heavy;
- Shuttle working (alternating one-way flow using flagmen or temporary traffic signals) will be required because the road is too narrow to maintain two-way traffic through the works;



(cont'd)



- Shuttle working will lead to queues and delays within the Village when in use during the day; in that respect maximum use of night works is preferable, because traffic volumes are much lower;
- However, some works will need to be done during the day;
- Longer-distance N21 traffic will be advised to divert onto alternative signed diversion routes.

- **Other Construction Issues:**

- Rock is present and will be encountered in excavations for the drainage network; removal is likely to entail some rock-breaking. This will be a daytime operation due to noise associated with this;
- There will be short-term disruption to private accesses along the works. In the case of Scoil Naomh Iosaif, temporary measures for set-down will be arranged for the period that the existing set-down area is closed.

Indicative Scheme Milestones:

- 8th September 2015 - Briefing to Elected Members;
- 15th September 2015 between 2pm and 8pm - Information evening in the Dunraven Arms Hotel;
- 25th September 2015 – Last date for receipt of public comments;
- October 2015 – Advertise Part VIII;
- December 2015 – Closing date for receipt of Part VIII comments and submissions.



N21 Adare Western Approach Improvement Scheme

Briefing to Elected Members

08th September 2015

