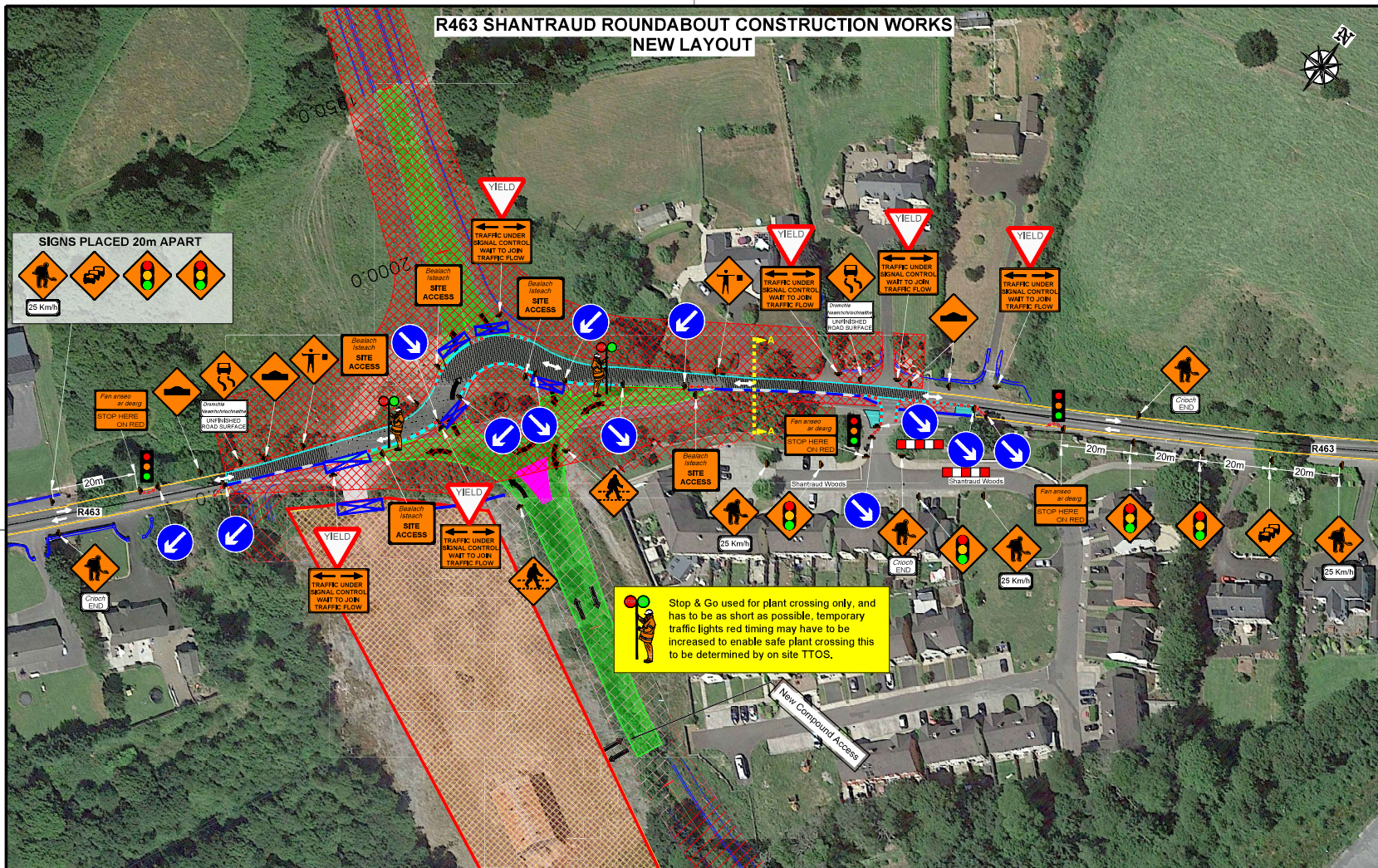


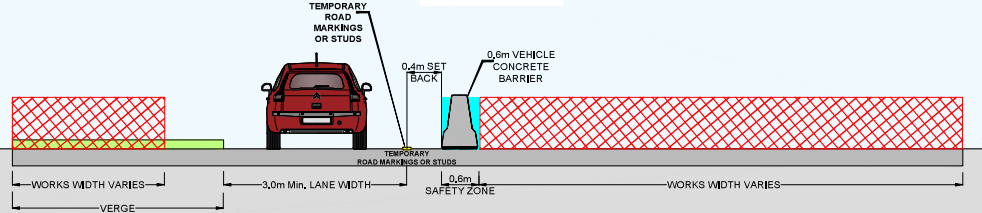
# R463 SHANTRAUD ROUNDABOUT CONSTRUCTION WORKS NEW LAYOUT



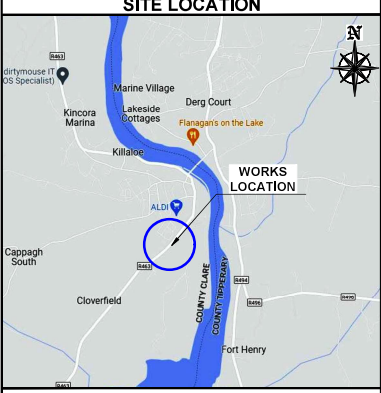
**SIGNS PLACED 20m APART**

Stop & Go used for plant crossing only, and has to be as short as possible, temporary traffic lights red timing may have to be increased to enable safe plant crossing this to be determined by on site TTOS.

### SECTION A-A



DESIGN PARAMETERS	
CHAPTER 8 ROAD LEVEL:	1(IV)
SPEED LIMIT:	60km/h
ROADWORKS TYPE:	A
NUMBER OF SIGNS:	4
SIGN VISIBILITY:	60m
DISTANCE BETWEEN SIGNS:	20m
SIGNS SIZE RECTANGULAR - MIN.:	600mm
SIGNS SIZE CIRCULAR - MIN.:	600mm
CONE HEIGHT - MIN.:	750mm
TAPER CONE SPACING:	3m
LONGITUDINAL CONE SPACING:	6m
RATE OF TAPER:	LANE - 45°; HS - 1 IN 10m
SAFETY ZONE: LONGITUDINAL - 15m; LATERAL	0.5m
CUMULATIVE AWS DISTANCE:	80m
MAXIMUM LENGTH OF SHUTTLE:	500m
MINIMUM LANE WIDTH:	3m
TM SYSTEM:	TEMP. TRAFFIC LIGHTS



### SITE SPECIFIC NOTES

- CONTRACTOR TO CLEAR ALL VEGETATION TO ENABLE AN INSTALLATION OF ADVANCE WARNING SIGNAGE.
- ALL LOCAL HOUSES TO BE INFORMED OF WORKS AND USE OF SHUTTLE SYSTEM THAT THEY SHOULD WAIT.
- SITE ACCESS / EGRESS TO BE MAINTAINED.
- CLIENT TO ENSURE THAT THE VEHICLE BARRIER COMPLIES WITH CHAPTER 8 SPECIFICATION.
- BARRIER SHALL BE VISIBLE BY DAY AND NIGHT. REFLECTIVE DISK OR STRIP 500mm x 1000mm SHALL BE PROVIDED ALONG LINE OF THE BARRIERS. THE REFLECTIVE STRIPS SHALL BE RED ON THE LEFT SIDE OF THE LANE AND WHITE ON THE RIGHT SIDE OF THE LANE WHEN VIEWED IN THE DIRECTION OF TRAVEL. THEY SHALL BE KEPT CLEAN AT ALL TIMES.

LEGEND	
	TEMPORARY TRAFFIC SIGN
	HERAS FENCING OR SIMILAR
	VEHICLE CONCRETE BARRIER
	SAFETY ZONE
	SITE COMPOUND
	WORKS AREA
	TEMP. ROAD STUDS OR MARKINGS
	PEDESTRIAN ROUTE

REV	DESCRIPTION	DATE	REV BY	CHK BY
03	Added cautionary speed & Unfinished supplementary plate.	11/12/23	EB	EB
02	Removed path.	05/12/23	EB	EB
01	Changes as per email request	05/12/23	EB	EB

CLIENT:

PROJECT: KILLALOE BYPASS

TITLE:	R463 SHANTRAUD ROUNDABOUT NEW LAYOUT - SHUTTLE SYSTEM				
DIRECTOR:	BE	PM:	AA	CHECKED:	AA
SCALE:	NTS	DRAWN BY:	EB	DATE:	05/12/23
STAGE:	CONSTRUCTION				
DRAWING NO.:	EN 6487 - 000 - 032	REV:	03		

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**GENERAL NOTES**

- THIS TRAFFIC MANAGEMENT PLAN MAY ONLY BE IMPLEMENTED BY A TEMPORARY TRAFFIC OPERATIONS SUPERVISOR (TTOS) WHO MUST CARRY OUT A SITE RISK ASSESSMENT TO MODIFY (IF NECESSARY) THE MEASURES DESCRIBED TO SUIT ACTUAL SITE CONDITIONS BEFORE IMPLEMENTATION.
- THE TTOS MUST BE IN POSSESSION OF THE VALID CONSTRUCTION SKILLS REGISTRATION CARD SIGNING, LIGHTING AND GUARDING AT ROADWORKS CONSTRUCTION REGULATIONS 2006 AND 2013-2021 CONSTRUCTION REGULATIONS.
- THE TTOS TO DETERMINE EXACT POSITION OF SIGNS CONSIDERING THE SITE SPECIFICS.

- IN ORDER THAT THE REQUIREMENTS SET OUT IN SECTION 10(1) OF THE SAFETY, HEALTH & WELFARE ACT (2005) AND SECTION 10 OF THE CONSTRUCTION REGULATIONS (2013-2021) ARE MET, THE PSQS MUST ADVISE THE PSOP AND ALL RELEVANT PARTIES OF ANY CHANGE TO THE TEMPORARY TRAFFIC MANAGEMENT PLAN.
- ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS AND TO BE INCLUDED IN THE SITE SPECIFIC SAFETY & HEALTH PLAN.
- MAINTENANCE CHECKS SHOULD BE CARRIED OUT AT REGULAR INTERVALS AND IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.

- TEMPORARY TRAFFIC OPERATIONS SUPERVISOR TO CARRY OUT A SITE RISK ASSESSMENT PRIOR TO THE INSTALLATION OF THE TRAFFIC MANAGEMENT PLAN TO ENSURE THAT CONDITIONS REFLECT THOSE CONSIDERED FOR DESIGN POST SUBMISSION.
- ALL SIGNS USED FOR THIS TRAFFIC MANAGEMENT PLAN MUST COMPLY WITH CHAPTER 8 OF TRAFFIC SIGNS MANUAL LATEST EDITION.
- WV 622 THIS SIGN SHOULD BE USED TO INDICATE THE POSITION OF A SITE ENTRANCE AND/OR EXIT. REFER TO CH. 8 FOR USAGE.
- BANKS MEN TO MANAGE SITE ACCESS & EGRESS.
- IF SAFETY BARRIERS USED THIS MUST COMPLY WITH TD.DNREC03034.1 BS EN 13174.1 E) TEMPORARY SAFETY BARRIER THE APPROACH LENGTHS TO TERMINALS MUST BE KEPT CLEAR, AND NO WORKS SHOULD BE UNDERTAKEN IN THAT EXCLUSION ZONE AND SAFETY ZONE.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED RAMP ACCESS TO ALL CHANGES IN ROAD SURFACE LEVEL WHERE TRAFFIC RUNS ON A TEMPORARY SURFACE AND ALSO FOR CYCLE/PEDESTRIAN RAMP WHERE THERE IS A LEVEL DISCONTINUITY AS A RESULT OF THE WORKS ON CYCLE PATHS & FOOTPATHS
- ADDITIONAL SIGNS MAY BE USED TO COMPLEMENT THE SPECIFIC SIGNS USED AT THE ROADWORKS (WARNING SIGNS - YELLOW BACKGROUND - DESCRIBED IN CHAPTER 6 REGULATORY SIGNS - DESCRIBED IN CHAPTER 5, ETC. THEY ALL MUST COMPLY WITH THE SPECIFICATIONS OF TRAFFIC SIGNS MANUAL AND TSM GUIDELINES. CERTIFICATION SCHEME AND SPECIFICATION FOR CONSTRUCTION OF TRAFFIC SIGNS.
- SET BACK TO BE MAINTAINED FROM TEMPORARY SIGN TO LIVE CARRIAGEWAY AS SET OUT ON CHAPTER 8 AND ITM OPERATIONS GUIDANCE
- ALL INFORMATION CONTAINED IN THIS DRAWING SHOULD BE CHECKED VERIFIED AND APPROVED PRIOR TO ANY STAGE OF CONSTRUCTION.