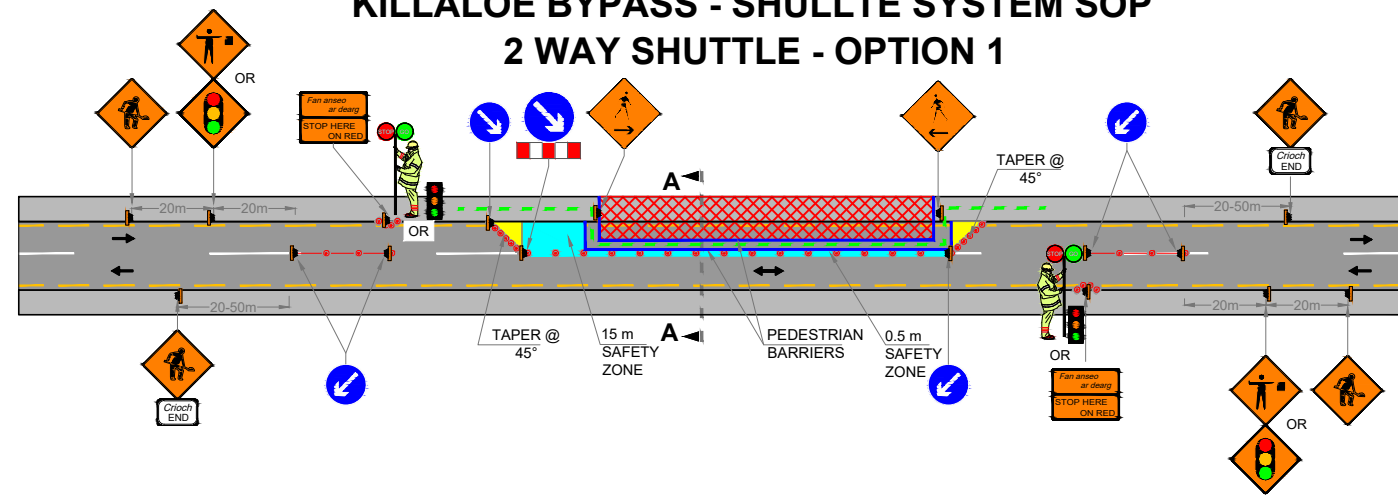
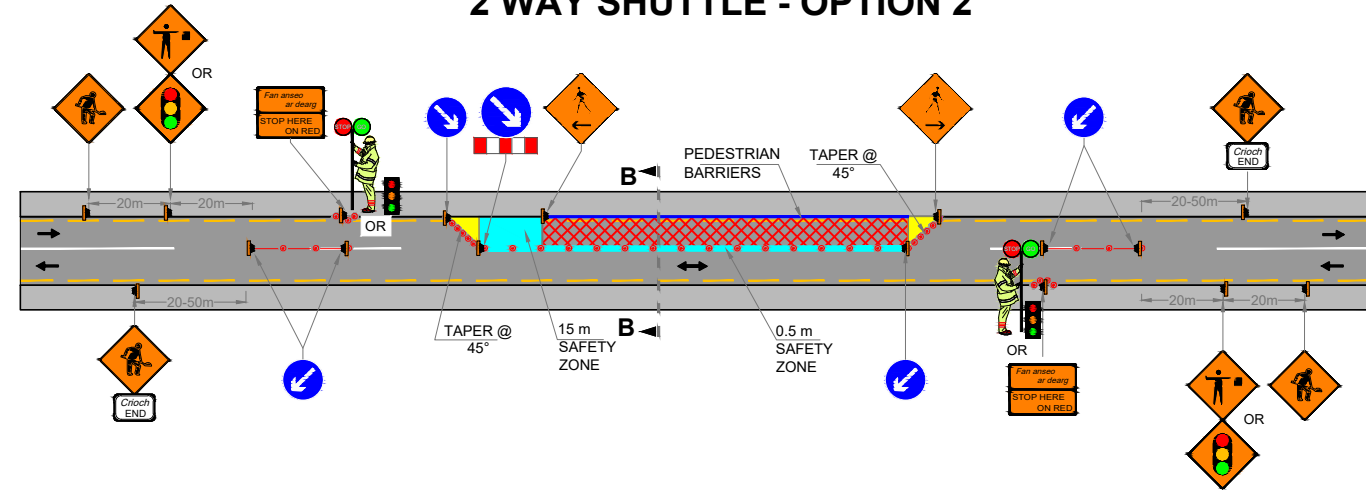


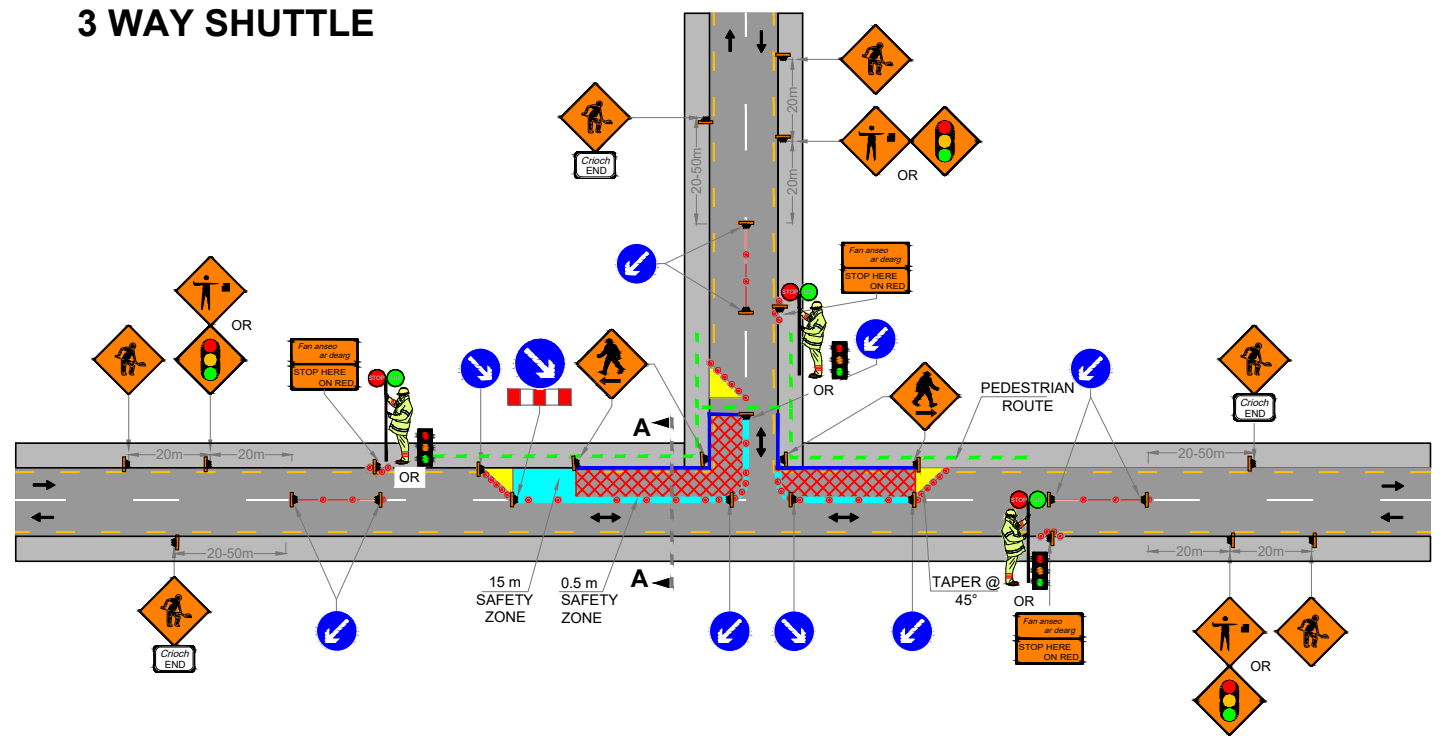
## KILLALOE BYPASS - SHULLTE SYSTEM SOP 2 WAY SHUTTLE - OPTION 1



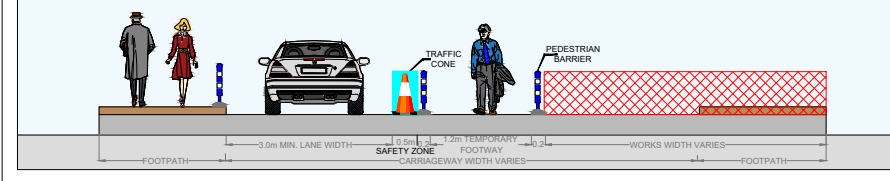
## 2 WAY SHUTTLE - OPTION 2



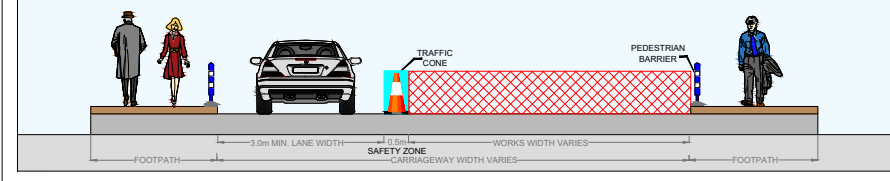
## 3 WAY SHUTTLE



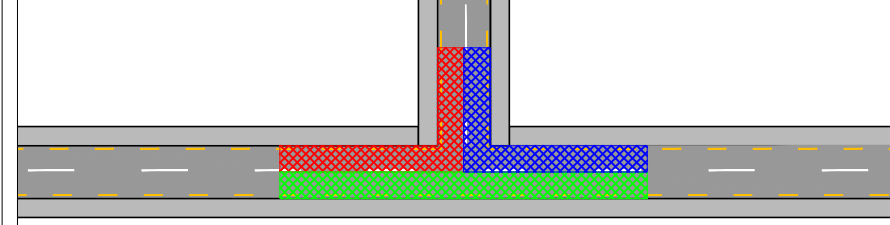
### SECTION A-A



### SECTION B-B

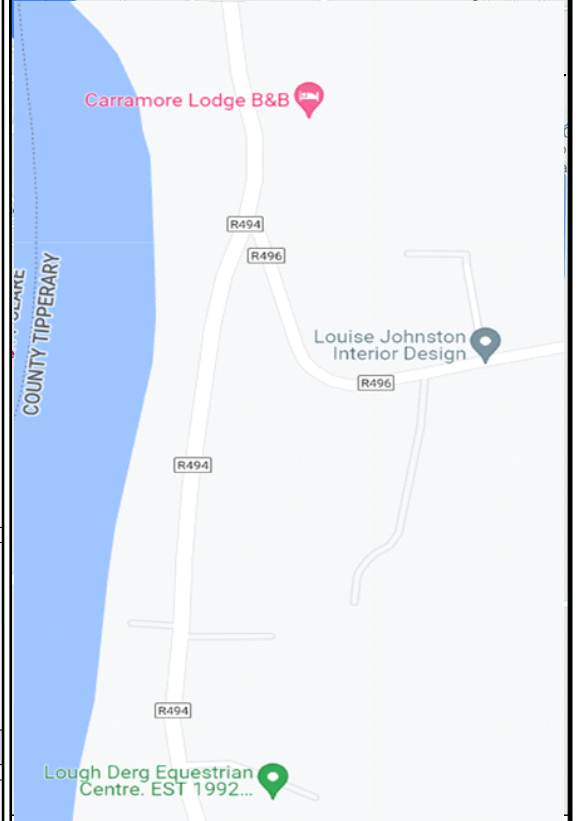


### 3 WAY SHUTTLE PHASING



DESIGN PARAMETERS	
CHAPTER 8 ROAD LEVEL:	1(IV)
SPEED LIMIT:	60km/h
ROADWORKS TYPE:	A
NUMBER OF ADVANCED SIGNS:	3
SIGN VISIBILITY:	60m
ADVANCED SIGNAGE DISTANCE:	20m
SIGNS SIZE RECTANGULAR - MIN.:	600mm
SIGNS SIZE CIRCULAR - MIN.:	600mm
CONE HEIGHT - MIN.:	750mm
TAPER CONE SPACING:	1m
LONGITUDINAL CONE SPACING:	6m
RATE OF TAPER:	LANE-45°; HS-1 IN 10m
SAFETY ZONE: LONGITUDINAL - LATERAL -	15m; 0.5m
UNOBSTRUCTED WIDTH:	3.3m
MAXIMUM LENGTH OF SHUTTLE:	500m
MINIMUM LANE WIDTH:	3.0m
TM SYSTEM:	TRAFFIC LIGHTS/STOP & GO

### SITE LOCATION



### LEGEND

- TEMPORARY TRAFFIC SIGN
- TRAFFIC CONES
- SAFETY ZONE
- WORKS AREA
- PEDESTRIAN ROUTE
- PEDESTRIAN BARRIER

REV	DESCRIPTION	DATE	REV BY	CHK BY

CLIENT:

### 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 17(2) OF THE SAFETY, HEALTH & WELFARE ACT (2005) AND SECTION 10 OF THE CONSTRUCTION REGULATIONS (2013-2021) ARE MET, THE PSCS MUST ADVISE THE PSDP 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 SIGNS SUPPORTS OR STANDS SHOULD BE DESIGNED IN ACCORDANCE WITH SPECIFICATION TS4.

- CONTRACTOR 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.
- WK 052 SHOULD BE USED TO INDICATE THE POSITION OF A SITE ENTRANCE AND/OR EXIT. REFER TO CH. 8 FOR USAGE. BANKSMEN TO MANAGE SITE ACCESS & EGRESS.
- THE ABSOLUTE MINIMUM WIDTH ALLOWED FOR PEDESTRIANS IS 1.0m.
- SAFETY BARRIERS USED FOR THIS TMP MUST COMPLY WITH TII DN-REQ-03034-1 IS EN 1317-1 e) TEMPORARY SAFETY BARRIER

- 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 RAMPS 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 'TS4: GUIDELINES, CERTIFICATION SCHEME AND SPECIFICATION FOR CONSTRUCTION OF TRAFFIC SIGNS'.

**COMPLETE HIGHWAY MAINTENANCE**  
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PROJECT: **KILLALOE BYPASS, CO. CLARE**

TITLE: **SHUTTLE SYSTEM SOP**

DIRECTOR:	BE	PM:	AA	CHECKED:	MC	
SCALE:	NTS	DRAWN BY:	TM	DATE:	05/08/22	
STAGE:	CONSTRUCTION					
DRAWING NO.:	EN 6487 - 000 - 007				REV:	00