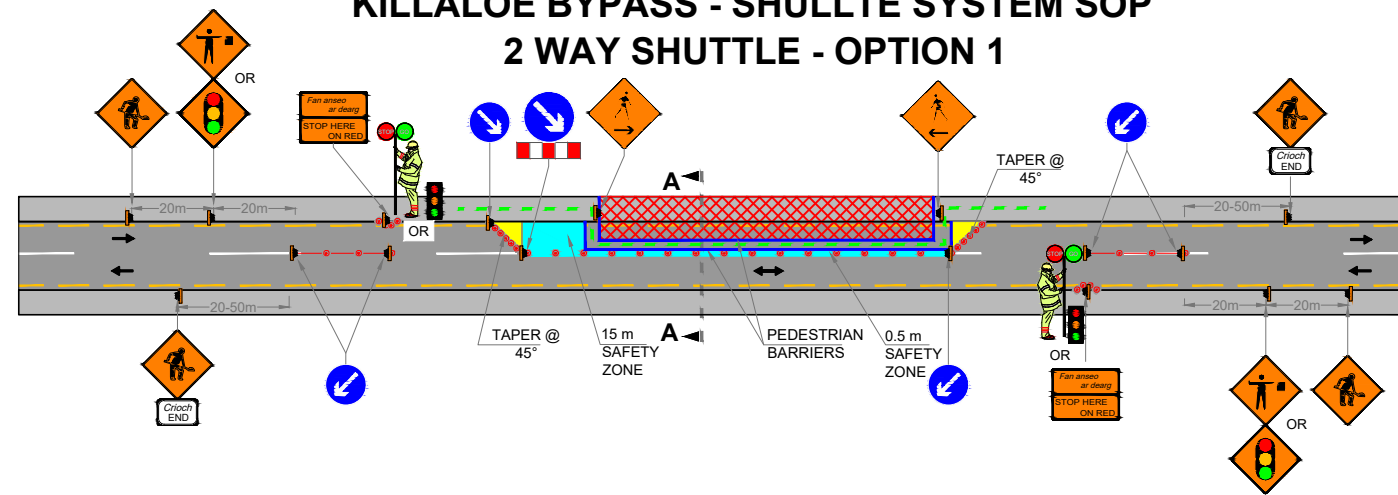
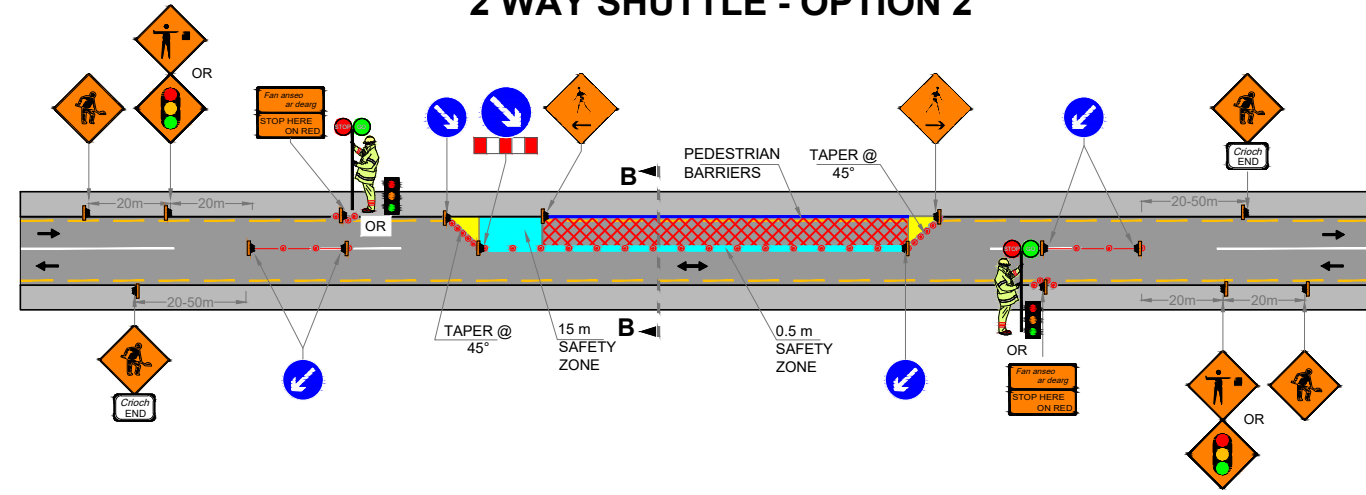


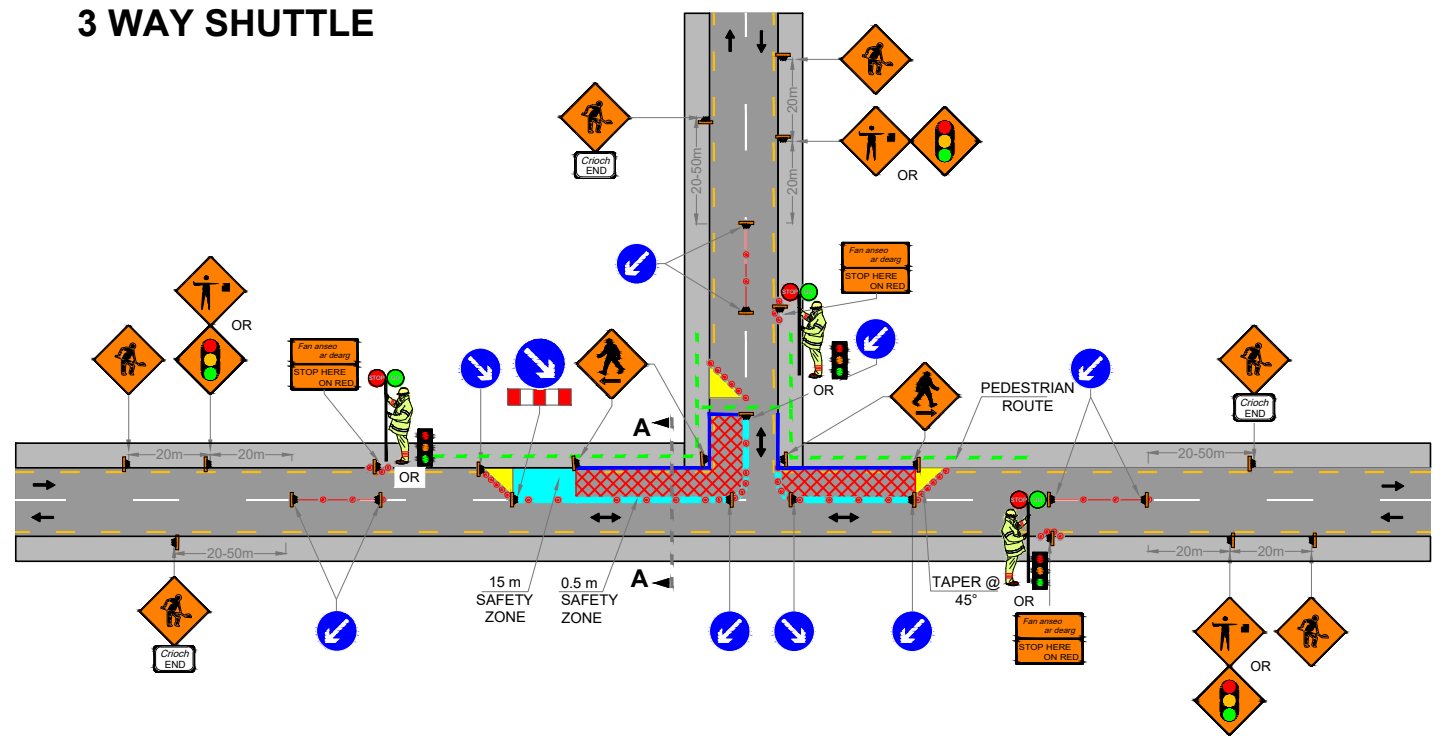
KILLALOE BYPASS - SHULLTE SYSTEM SOP 2 WAY SHUTTLE - OPTION 1



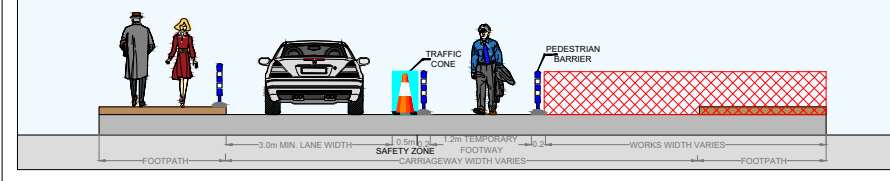
2 WAY SHUTTLE - OPTION 2



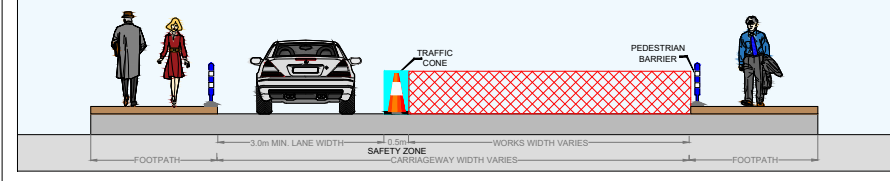
3 WAY SHUTTLE



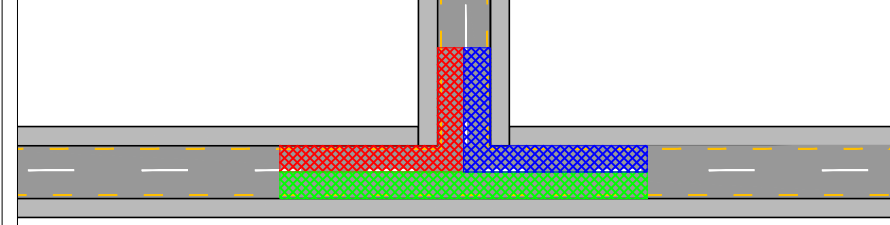
SECTION A-A



SECTION B-B

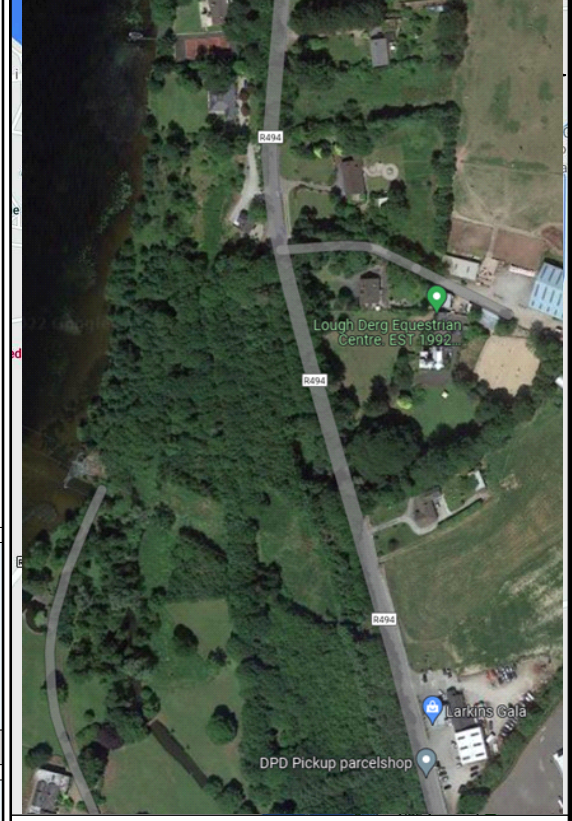


3 WAY SHUTTLE PHASING



| 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 - 15m; LATERAL - 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: **SISK CONTRACTORS**
Established 1859

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 |



COMPLETE HIGHWAY MAINTENANCE
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COOKSTOWN IND. EST. EMAIL: info@chmitd.ie
TALLAGHT, D24, IRELAND WEB: www.chmitd.ie

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