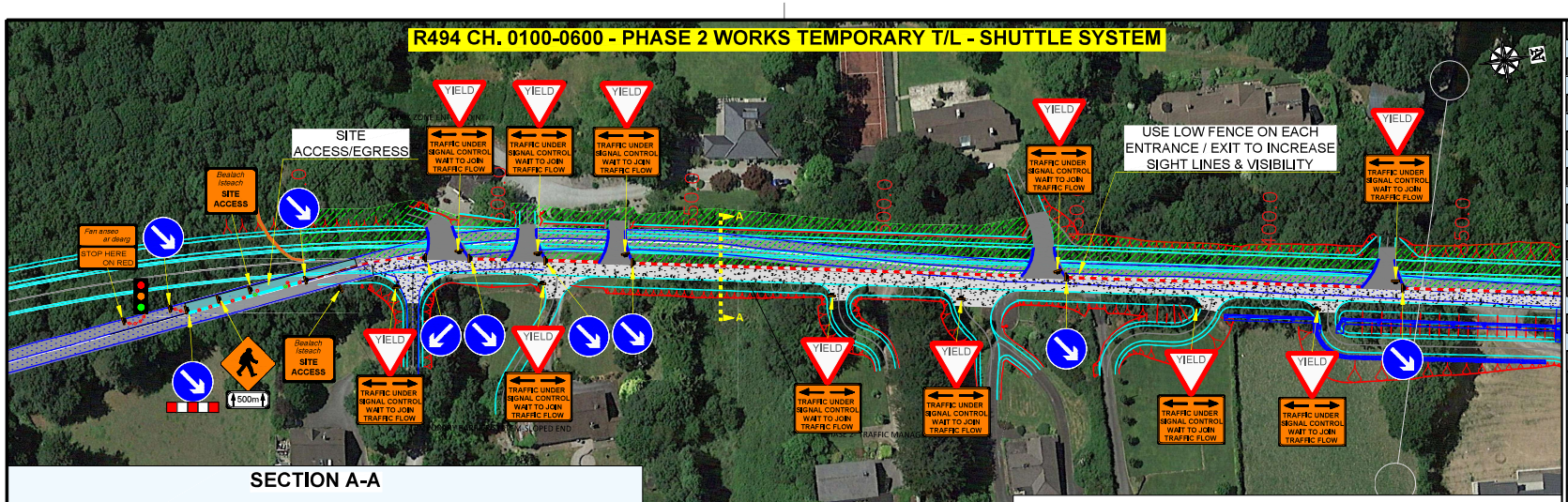
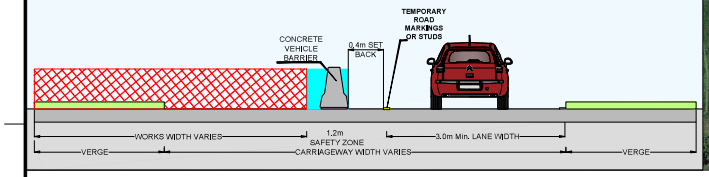
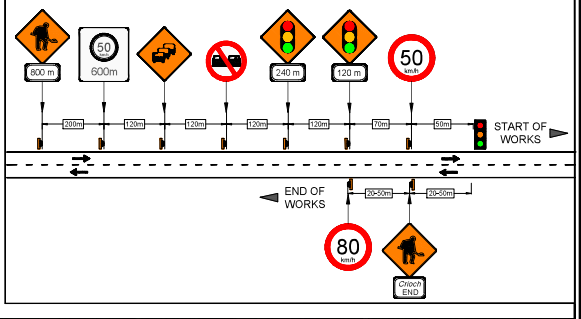
R494 CH. 0100-0600 - PHASE 2 WORKS TEMPORARY T/L - SHUTTLE SYSTEM



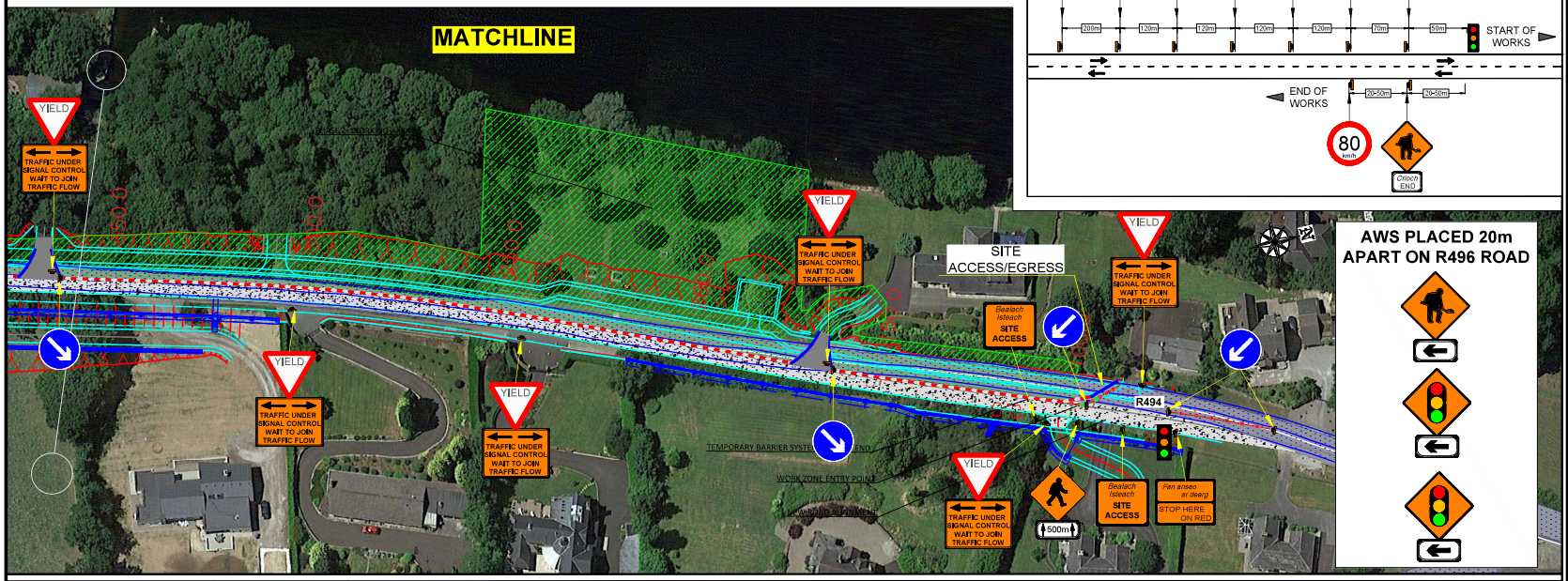
SECTION A-A



ADVANCE WARNING SIGNS DETAILS APPROACHING WORKS



MATCHLINE

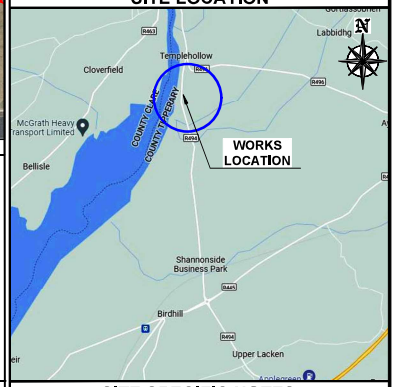


AWS PLACED 20m APART ON R496 ROAD

DESIGN PARAMETERS

CHAPTER 8 ROAD LEVEL:	2(I) / 1 (III)
SPEED LIMIT:	80/50km/h
ROADWORKS TYPE:	A
NUMBER OF SIGNS:	4
SIGN VISIBILITY:	90m
DISTANCE BETWEEN SIGNS:	120m
SIGNS SIZE RECTANGULAR - MIN.:	600mm
SIGNS SIZE CIRCULAR - MIN.:	750mm
CONE HEIGHT - MIN.:	750mm
TAPER CONE SPACING:	3m
LONGITUDINAL CONE SPACING:	12m
RATE OF TAPER:	LANE - 1 IN 40m 45°; HS - 1 IN 40m
SAFETY ZONE:	LONGITUDINAL - 45m; LATERAL 1.2m
CUMULATIVE AWS DISTANCE:	600m
MAXIMUM LENGTH OF SHUTTLE:	500+m
MINIMUM LANE WIDTH:	3m
TM SYSTEM:	TEMPORARY T/L - SHUTTLE SYSTEM

SITE LOCATION



SITE SPECIFIC NOTES

1) ALL LOCAL HOUSES TO BE INFORMED OF WORKS AND USE OF SHUTTLE SYSTEM THAT THEY SHOULD WAIT.
2) SITE ACCESS / EGRESS TO BE MANNED
3) SITE TO BE PRE-MARKED FOR TTOS TO CALCULATE EXACT LOCATION OF AWS
4) CLIENT TO ENSURE THAT THE VEHICLE BARRIER COMPLIES WITH ALL RELEVANT SPECIFICATION.
5) BARRIER SHALL BE VISIBLE BY DAY AND NIGHT, REFLECTIVE DISK OR STRIP 50cm2 to 100cm2 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
- TRAFFIC CONES
- SAFETY ZONE
- WORKS AREA
- PEDESTRIAN ROUTE
- SITE ACCESS / EGRESS POINT
- HERAS FENCING OR SIMILAR
- CONCRETE VEHICLE BARRIER

REV	DESCRIPTION	DATE	REV BY	CHK BY
02	Changed barrier type as requested. Added additional notes for barriers.	09/02/23	EB	AA
01	Added pedestrian signs with supplementary plate for 500m as per client request.	13/01/22	EB	AA

CLIENT: BUILDERS SISK CONTRACTORS Established 1859

PROJECT: KILLALOE BYPASS R494 IMPROVEMENT CO.CLARE

TITLE: R494 CH 0100-0600 PHASE 2 WORKS TEMPORARY TRAFFIC LIGHTS

DIRECTOR:	BE	PM:	AA	CHECKED:	AA
SCALE:	NTS	DRAWN BY:	EB	DATE:	11/11/22
STAGE:	CONSTRUCTION				A3 (297x420mm)
DRAWING NO:	EN 6487 - 000 - 012			REV:	02

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TEL: +353868118317

GENERAL NOTES

1) 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.
2) 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.
3) THE TTOS TO DETERMINE EXACT POSITION OF SIGNS CONSIDERING THE SITE SPECIFICS.
4) IN ORDER THAT THE REQUIREMENTS SET OUT IN SECTION17(2) OF THE SAFETY, HEALTH & WELFARE ACT (2005) AND SECTION 10 OF THE CONSTRUCTION REGULATIONS (2013-2021) ARE MET, THE PSCS MUST ADVICE THE PSCP AND ALL RELEVANT PARTIES OF ANY CHANGE TO THE TEMPORARY TRAFFIC MANAGEMENT PLAN.
5) ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS AND TO BE INCLUDED IN THE SITE SPECIFIC SAFETY & HEALTH PLAN.
6) MAINTENANCE CHECKS SHOULD BE CARRIED OUT AT REGULAR INTERVALS AND IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
7) 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.
8) ALL SIGNS USED FOR THIS TRAFFIC MANAGEMENT PLAN MUST COMPLY WITH CHAPTER 8 OF TRAFFIC SIGNS MANUAL LATEST EDITION.
9) WK 052 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.
10) IF SAFETY BARRIERS USED THIS MUST COMPLY WITH TII DN-REQ-03034-1 IS EN 1317-1 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.
12) 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
13) 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'.
15) SET BACK TO BE MAINTAINED FROM TEMPORARY SIGN TO LIVE CARRIAGEWAY AS SET OUT ON CHAPTER 8 AND TTM OPERATIONS GUIDANCE
14) ALL INFORMATION CONTAINED IN THIS DRAWING SHOULD BE CHECKED VERIFIED AND APPROVED PRIOR TO ANY STAGE OF CONSTRUCTION.

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