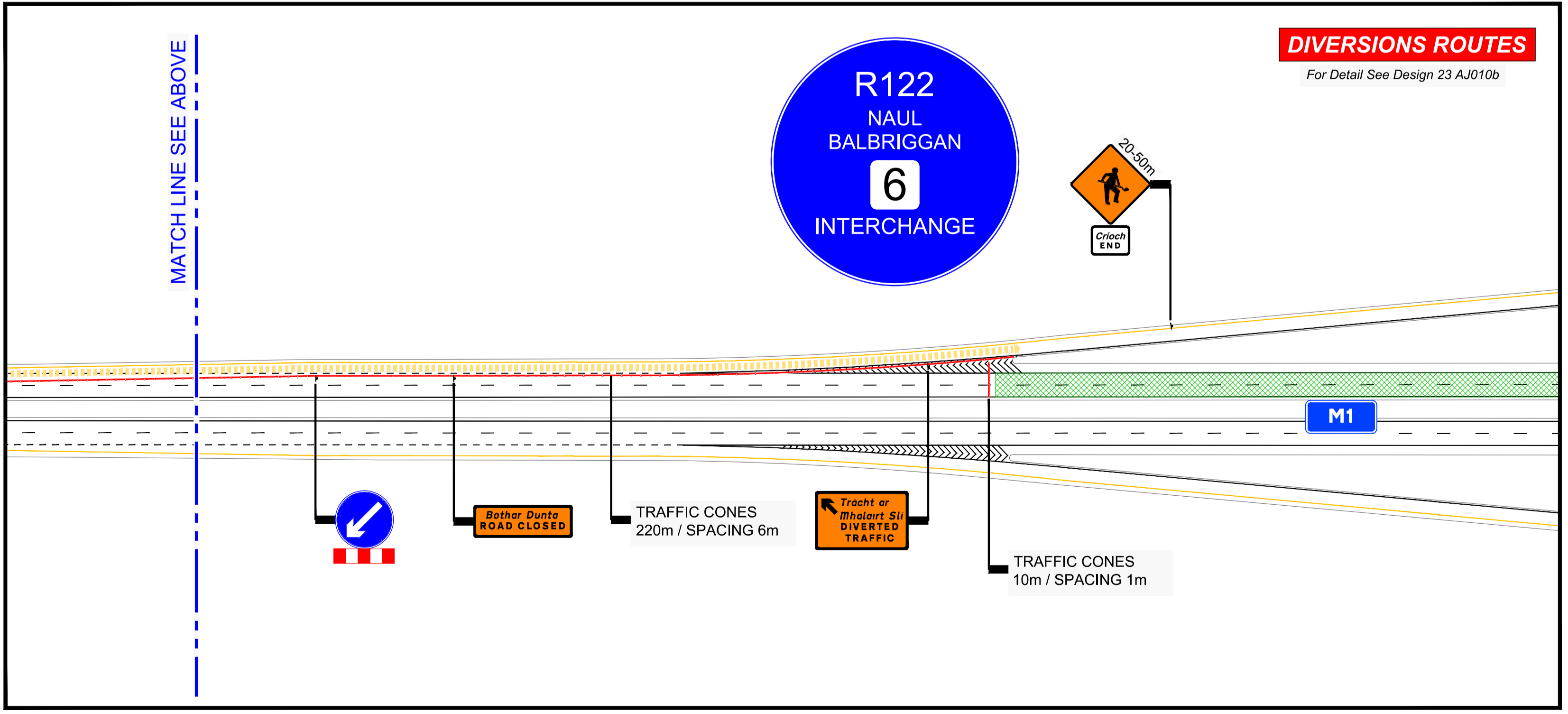


- LEGEND**
- WORKING AREA
 - TRAFFIC CONES (LENGTH / SPACING) & LATERAL SAFETY ZONE
 - TRAFFIC FLOW
 - SIGN SYMBOL

- NOTES:**
1. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH ALL RELEVANT AUTHORITIES & CONTRACT REQUIREMENTS.
 2. TM IS TO BE INSTALLED BY QUALIFIED OPERATIVES & ALL PERTINENT FACTORS RISK ASSESSED PRIOR TO INSTALLATION.
 3. EXACT SIGNS POSITIONS ARE TO BE AGREED ON SITE AND POSITIONED SO AS NOT TO HINDER PASSAGE OR VISIBILITY.
 4. EXISTING STATUTORY SIGNS SHOULD BE PROTECTED IF THEY DO NOT CONFLICT WITH PROPOSED SIGNAGE, OTHERWISE STATUTORY SIGNS SHOULD BE COVERED OR TEMPORARILY RELOCATED
 5. TEMPORARY TRAFFIC SIGNALS, TEMPORARY TRAFFIC SIGNAGE, TRAFFIC DELINEATORS AND ROAD MARKING ARE TO BE IN ACCORDANCE WITH TRAFFIC SIGNS MANUAL (DOT, NOV 2019)
 6. SIGN SIZE TO BE PER DOT CHAPTER 8 TABLE 8.2.2.5 TO 8.2.2.10. & ALL SIGNS ARE TO BE REFLECTIVE.
 7. WHERE NECESSARY THE PUBLIC SHOULD BE ADVANCE WARNED OF UPCOMING TRAFFIC MANAGEMENT THAT MAY CAUSE DELAY OR INCONVENIENCE.
 8. TM PLANT & MACHINERY ARE NOT TO BE PLACED SO NOT TO HINDER VISIBILITY SPLAYS TO THE PASSING PUBLIC.
 9. ALL ACCESSES (Residential, Business or Other) PEDESTRIAN AND VEHICULAR, TO BE MAINTAINED AT ALL TIMES.
 10. CONSTRUCTION TRAFFIC ARE TO BE ALLOWED TO ACCESS OR EXIT THE SITE WHEN IS SAFE TO DO SO, WHILST DISPLAYING FLASHING BEACONS. ACCESS/EXIT POINTS ARE TO BE IDENTIFIED & SIGNED APPROPRIATELY (POSITION TO BE IDENTIFIED ON SITE IN LIAISON WITH CONTRACTOR).
 11. ALL TRAFFIC CONES SHALL CONFORM TO BS EN 13422:2004 AND HAVE A REFLECTIVE SLEEVE, MINIMUM HEIGHT OF CONE TO BE 750mm.
 12. APPROPRIATE SAFETY ZONES, LATERAL AND LONGITUDINAL TO BE PROVIDED AND MAINTAINED AT ALL TIMES.
 13. MINIMUM SINGLE TRAFFIC LANE WIDTH 3.25m IS TO BE MAINTAINED AT ALL TIMES. USE 3.50m IF POSSIBLE.
 14. PEDESTRIANS ARE TO BE DELINEATED FROM THE SITE WHERE NECESSARY &/OR ASSISTED BY ADDITIONAL TMO'S IF REQUIRED (RISK ASSESSMENT TO ASSESS NEED)
 15. VMS SIGNS TO BE LOCATED IN A SAFE LOCATION SET BACK FROM TRAFFIC LANE AND SO AS NOT TO HINDER VISIBILITY OR PRESENT HAZARD TO DRIVERS
 16. ROAD DANGER LAMPS TO BE PROVIDED BETWEEN CONES DURING DARKNESS (ESPECIALLY AT POINTS WHERE TRAFFIC STREAM IS DEFLECTED), MAXIMUM SPACING ON TAPER 6m AND LONGITUDINAL 24m
 17. EXISTING PERMANENT SPEED LIMIT 100km/h - LEVEL 3 (ii)

DUAL CARRIAGEWAY & MOTORWAYS Level 3 (ii) Type B	
DESIGN PARAMETERS	100km/hr
Sign Size (mm)	1200
Sign Visibility (m)	160
No. of Adv. Signs	4
Cumulative Sign Distance (m)	800
Distance between Signs (m)	200
Taper Rate	180
Hard Shoulder Taper Rate	1 in 30
Transition Length	360
Cone Height (mm)	1000
Taper Cone Spacing (m)	3
Longitudinal Cone Spacing (m)	12
Lamp Taper Spacing (m)	6
Lamp Longitudinal Spacing (m)	24
Lateral Safety Zone (m)	1.2
Longitudinal Safety Zone (m)	60
Temporary Barrier Set Back (m)	0.6
Traffic Cone Set Back (m)	0.5 (Min 0)
Min Lane Width (m)	3.0
Optimum Lane Width (m)	3.3



Rev	Date	Description	By	Date
RS	18/12/23	Design issue for COMMENT or APPROVAL		
Stat		Purpose of Issue		

EQUIPMENT REQ'D	QTY
SIGNS	0
CONES	0
PED TAPE	0m
SITE FENCE	0m
LAMPS (If Req)	0
MASSGUARD	0m
DELTA BLOC	0m



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Designed:	AMC
Drawn:	AMC
Checked:	RO'R
Approved:	AV
CAD File:	23 AJ010 REV0.dwg
Scale:	AS SHOWN @ A3
Date:	18/12/2023

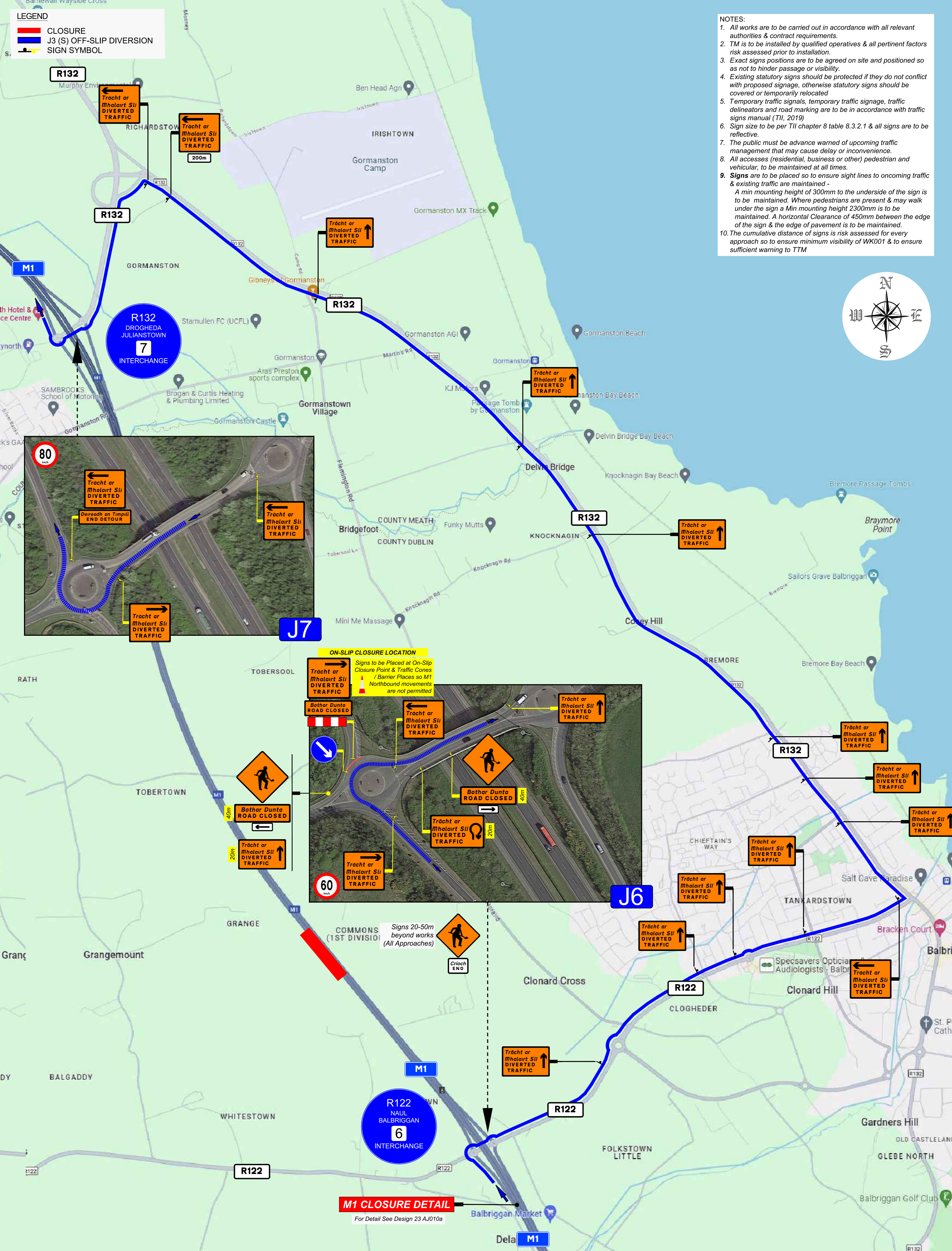
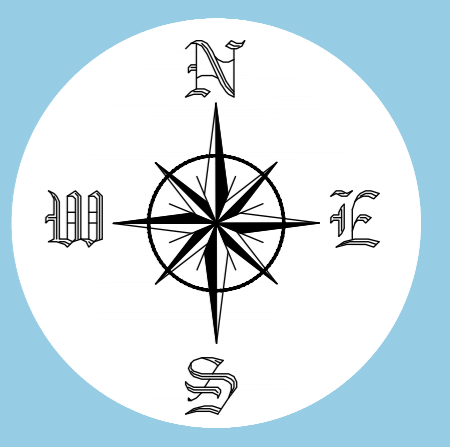
Client:	SWARCO	Job No:	23.36
Project Title:	VMS INSTALLATIONS	Drawing No:	23 AJ010a
Drawing Title:	TEMPORARY TRAFFIC MANAGEMENT LAYOUT FOR M1 CLOSURE & PROPOSED DETOUR TO FACILITATE VMS INSTALL ON M1 NB BETWEEN J6 & J7, BALBRIGGAN, DUBLIN - Sheet 1 of 2	Rev:	0

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LEGEND

- █ CLOSURE
- █ J3 (S) OFF-SLIP DIVERSION
- SIGN SYMBOL

- NOTES:**
- All works are to be carried out in accordance with all relevant authorities & contract requirements.
 - TM is to be installed by qualified operatives & all pertinent factors risk assessed prior to installation.
 - Exact signs positions are to be agreed on site and positioned so as not to hinder passage or visibility.
 - Existing statutory signs should be protected if they do not conflict with proposed signage, otherwise statutory signs should be covered or temporarily relocated.
 - Temporary traffic signals, temporary traffic signage, traffic delineators and road marking are to be in accordance with traffic signs manual (TII, 2019)
 - Sign size to be per TII chapter 8 table 8.3.2.1 & all signs are to be reflective.
 - The public must be advance warned of upcoming traffic management that may cause delay or inconvenience.
 - All accesses (residential, business or other) pedestrian and vehicular, to be maintained at all times.
 - Signs are to be placed so to ensure sight lines to oncoming traffic & existing traffic are maintained -
A min mounting height of 300mm to the underside of the sign is to be maintained. Where pedestrians are present & may walk under the sign a Min mounting height 2300mm is to be maintained. A horizontal Clearance of 450mm between the edge of the sign & the edge of pavement is to be maintained.
 - The cumulative distance of signs is risk assessed for every approach so to ensure minimum visibility of WK001 & to ensure sufficient warning to TTM



<p>DESIGNED: AMC</p> <p>DRAWN: AMC</p> <p>CHECKED: RO'R</p> <p>APPROVED: AV</p> <p>CAD FILE: 23 AJ010 REV0.dwg</p> <p>SCALE: AS SHOWN @ A3</p> <p>DATE: 18/12/2023</p>		<p>CLIENT: SWARCO</p> <p>PROJECT TITLE: VMS INSTALLATIONS</p> <p>DRAWING TITLE: TEMPORARY TRAFFIC MANAGEMENT LAYOUT FOR M1 CLOSURE & PROPOSED DETOUR TO FACILITATE VMS INSTALL ON M1 NB BETWEEN J6 & J7, BALBRIGGEN, DUBLIN - Sheet 2 of 2</p>		<p>JOB NO: 23.36</p> <p>DRAWING NO: 23 AJ010b</p> <p>REV: 0</p>
<p>EQUIPMENT REQ'D</p> <p>SIGNS: 0</p> <p>CONES: 0</p> <p>PED TAPE: 0m</p> <p>SITE FENCE: 0m</p> <p>LAMPS (If Req): 0</p> <p>MASSGUARD: 0m</p> <p>DELTA BLOC: 0m</p>		<p>QTY</p> <p>0</p> <p>0</p> <p>0m</p> <p>0m</p> <p>0</p> <p>0m</p> <p>0m</p>		<p>TRAFFIC MANAGEMENT DESIGN LTD.</p> <p>Unit 13, Newcourt Shopping Centre, Church Street, Cavan Town, Co. Cavan, Ireland.</p> <p>Tel: +353 (0) 49 4327588 Mob: +353 (0) 86 0442650 Web: www.tmdesign.ie E-mail: roisin@tmdesign.ie</p>
<p>REV</p> <p>RS</p> <p>Stat</p>	<p>Changes as per X.X (Company)</p> <p>Design Issue for COMMENT or APPROVAL</p> <p>Purpose of Issue</p>	<p>18/12/23</p> <p>18/12/23</p> <p>18/12/23</p>	<p>1</p> <p>e.g., Signs added, Work area amended</p> <p>AMC</p>	<p>AMC</p> <p>RO'R</p> <p>AV</p>