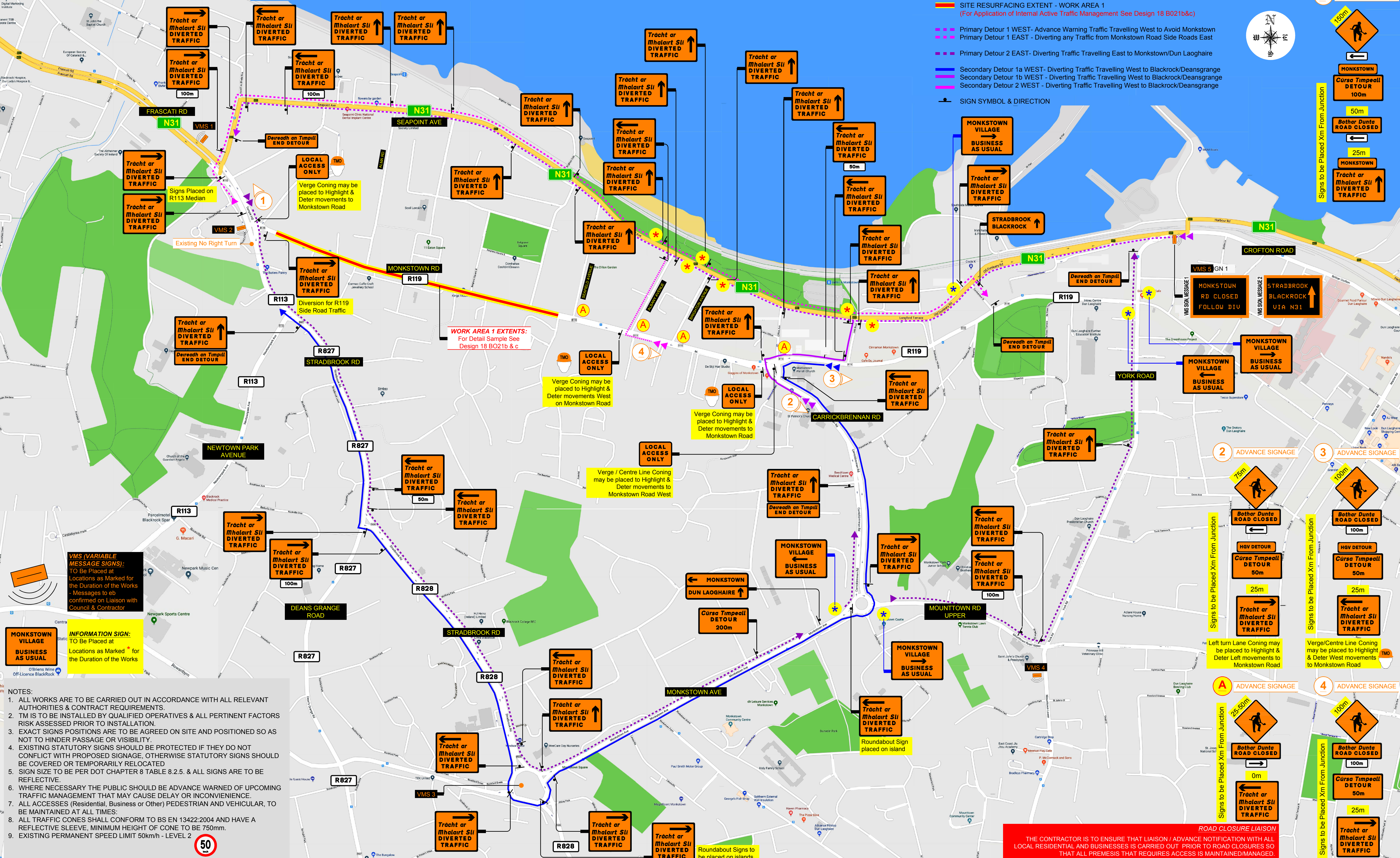
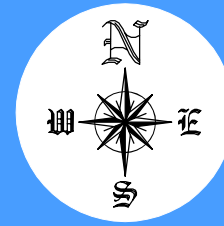


DIVERSION - WORKS AREA 1

- LEGEND**
- SITE RESURFACING EXTENT - WORK AREA 1 (For Application of Internal Active Traffic Management See Design 18 B021b&c)
 - Primary Detour 1 WEST- Advance Warning Traffic Travelling West to Avoid Monkstown
 - Primary Detour 1 EAST - Diverting any Traffic from Monkstown Road Side Roads East
 - Primary Detour 2 EAST- Diverting Traffic Travelling East to Monkstown/Dun Laoghaire
 - Secondary Detour 1a WEST- Diverting Traffic Travelling West to Blackrock/Deansgrange
 - Secondary Detour 1b WEST - Diverting Traffic Travelling West to Blackrock/Deansgrange
 - Secondary Detour 2 WEST - Diverting Traffic Travelling West to Blackrock/Deansgrange
 - SIGN SYMBOL & DIRECTION



VMS (VARIABLE MESSAGE SIGNS):
TO Be Placed at Locations as Marked for the Duration of the Works. Messages to be confirmed on Liaison with Council & Contractor

INFORMATION SIGN:
TO Be Placed at Locations as Marked * for the Duration of the Works

MONKSTOWN VILLAGE BUSINESS AS USUAL

- 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
 - SIGN SIZE TO BE PER DOT CHAPTER 8 TABLE 8.2.5, & ALL SIGNS ARE TO BE REFLECTIVE.
 - WHERE NECESSARY THE PUBLIC SHOULD 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.
 - ALL TRAFFIC CONES SHALL CONFORM TO BS EN 13422:2004 AND HAVE A REFLECTIVE SLEEVE, MINIMUM HEIGHT OF CONE TO BE 750mm.
 - EXISTING PERMANENT SPEED LIMIT 50km/h - LEVEL 2



ROAD CLOSURE LIAISON
THE CONTRACTOR IS TO ENSURE THAT LIAISON / ADVANCE NOTIFICATION WITH ALL LOCAL RESIDENTIAL AND BUSINESSES IS CARRIED OUT PRIOR TO ROAD CLOSURES SO THAT ALL PREMESIS THAT REQUIRES ACCESS IS MAINTAINED/MANAGED.

| RS | Design Issue for COMMENT or APPROVAL | Date | Rev | Description | By | Date |
|----|--------------------------------------|----------|-----|-------------|----|------|
| 1 | | 27/07/18 | | | | |
| 2 | | | | | | |

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



Traffic Management Design Ltd,
Unit 13, Newcourt Shopping Centre,
Church Street, Cavan Town,
Co. Cavan, Ireland.
Tel: +353 (0) 49 4327588
Mob: +353 (0) 86 0442650
Web: www.trafficmanagementdesignltd.com
E-mail: roisino@tmdesign.ie

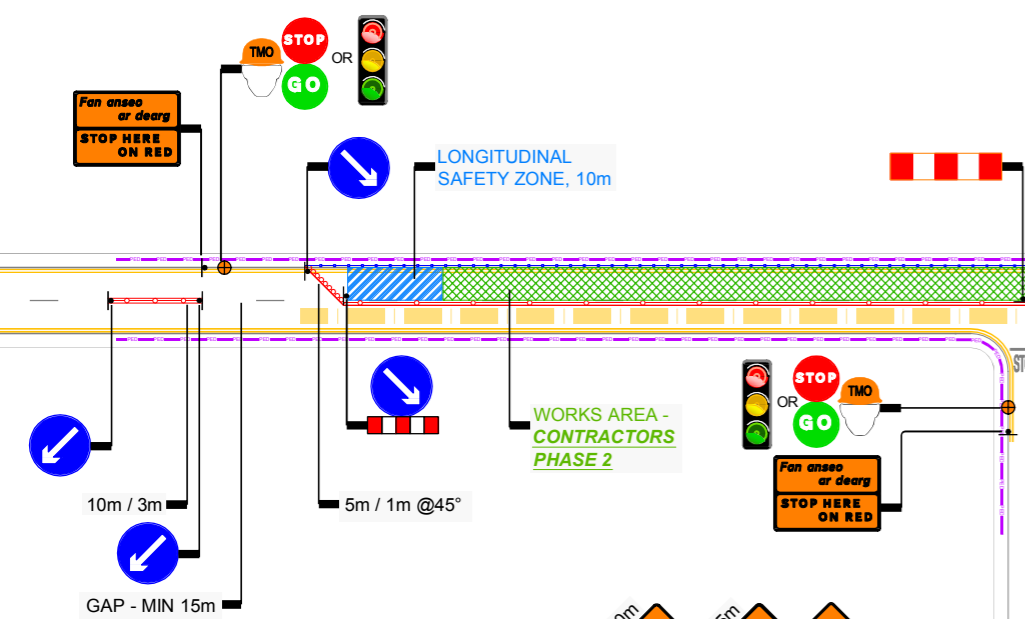
| | | |
|----------------------------|--|----------------------|
| Designed: RO'R | Client: KILSARAN | Job No: 18.02c |
| Drawn: RO'R | Project Title: MONKSTOWN ROAD DUN LAOGHAIRE | Drawing No: 18 B021a |
| Checked: AMC | Drawn Title: TEMPORARY TRAFFIC MANAGEMENT LAYOUT FOR ROAD CLOSURE TO FACILITATE RESURFACING & PROPOSED DIVERSION ROUTE, MONKSTOWN ROAD, DUBLIN (Work Area 1) | Rev: 3 |
| Approved: AV | | |
| CAD File: 18 B021 REV2.dwg | | |
| Scale: AS SHOWN @ A1 | | |
| Date: 24/07/2018 | | |

ADVANCE SIGNAGE EAST & WESTBOUND (LV2):



DAY-TIME WORKS - PHASE 2 & 3

- Risk Assessment:**
- ADW Sign WK001 applied in Diversion Design no Need to Replicate.
 - LSZ Reduced to 10m to reduce Impact on Side Roads & Accesses & Red time offset by the reduced AADT due to the Diversion Route.



LEGEND

- WORKING SPACE
- ADDITIONAL WORKS SPACE
- LONGITUDINAL SAFETY ZONE
- TRAFFIC CONES (LENGTH / SPACING) & LATERAL SAFETY ZONE
- PEDESTRIAN DELIENATOR
- EXISTING PEDESTRIAN PATH
- SIGN SYMBOL
- TMO / TRAFFIC LIGHT POSITION
- SHUTTLE LANE (3.0m Min)

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 2010)
6. SIGN SIZE TO BE PER DOT CHAPTER 8 TABLE 8.2.5. & 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. 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):

10. ALL TRAFFIC CONES SHALL CONFORM TO BS EN 13422:2004 AND HAVE A REFLECTIVE SLEEVE, MINIMUM HEIGHT OF CONE TO BE 750mm.
11. APPROPRIATE SAFETY ZONES, LATERAL AND LONGITUDINAL TO BE PROVIDED AND MAINTAINED AT ALL TIMES.
12. MINIMUM SINGLE TRAFFIC LANE WIDTH 3.0m IS TO BE MAINTAINED AT ALL TIMES. USE 3.25m IF POSSIBLE.
13. SHUTTLE SELECTION (MANUAL OR LIGHTS) TO BE BASED ON GUIDANCE REQUIREMENTS.
14. EXISTING PERMANENT SPEED LIMIT 50km/h - LEVEL 2



INSTALLATION RISK ASSESSMENT (RA):

THE TTOS IS TO CARRY OUT A RISK ASSESSMENT FOR EACH INSTALLATION TO WHICH THE GENERIC LAYOUT IS TO BE DEPLOYED. THE ON-SITE RISK ASSESSMENT DATA SHEET TMI-063 (OR EQUIVALENT) IS TO BE COMPLETE & SIGNED OFF:

| NAME | DATE |
|-------------------|------|
| TTOS | |
| Contracts Manager | |



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 Web: www.trafficmanagementdesignltd.com
 E-mail: roisino@tmdesign.ie

Designed: RO'R
 Drawn: RO'R
 Checked: AMC
 Approved: AV
 CAD File: 18 B021 REV0.dwg
 Scale: AS SHOWN @ A3
 Date: 24/07/2018

Client: **KILSARAN**
 Project Title: **MONKSTOWN ROAD DUN LAOGHAIRE**
 Drawing Title: **TEMPORARY TRAFFIC MANAGEMENT LAYOUT FOR SHUTTLE OPERATION (PHASE 2&3 DAY-TIME) WITHIN PROPOSED ROAD CLOSURE SYSTEM, MONKSTOWN ROAD, DUBLIN**

Job No: 18.02c
 Drawing No: 18 B021b
 Rev: 0

| RS | Description | Date | Rev | Description | By | Date |
|------|--------------------------------------|----------|-----|-------------|----|------|
| RS | Design Issue for COMMENT or APPROVAL | 27/07/18 | | | | |
| Stat | Purpose of Issue | | | | | |

1. THIS DRAWING IS THE PROPERTY OF TRAFFIC MANAGEMENT DESIGN LTD.
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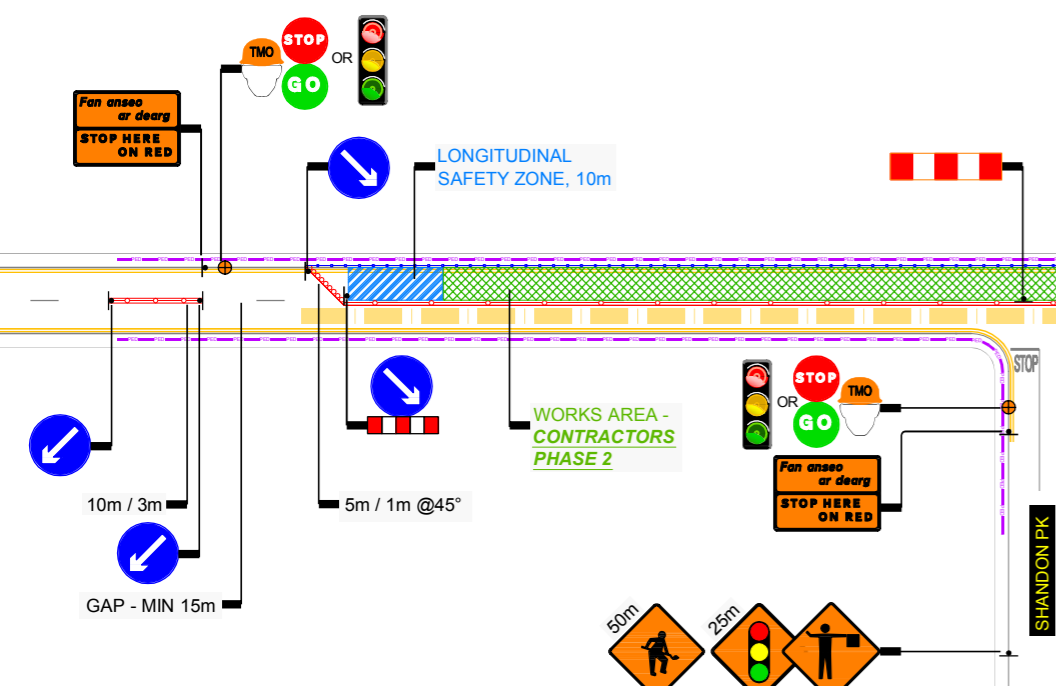
ADVANCE SIGNAGE EAST & WESTBOUND (LV2):



1 NO SIGN TO BE PLACED Xm FROM FIRST CONE (VERGE ONLY)

NIGHT-TIME WORKS - PHASE 2

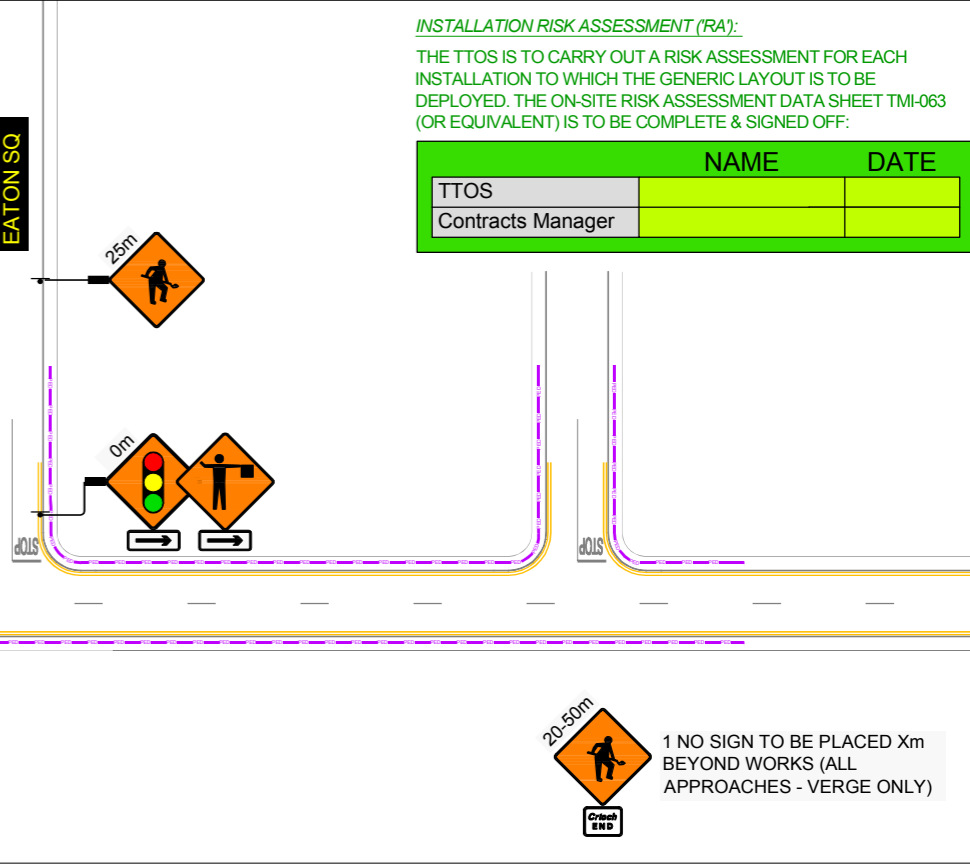
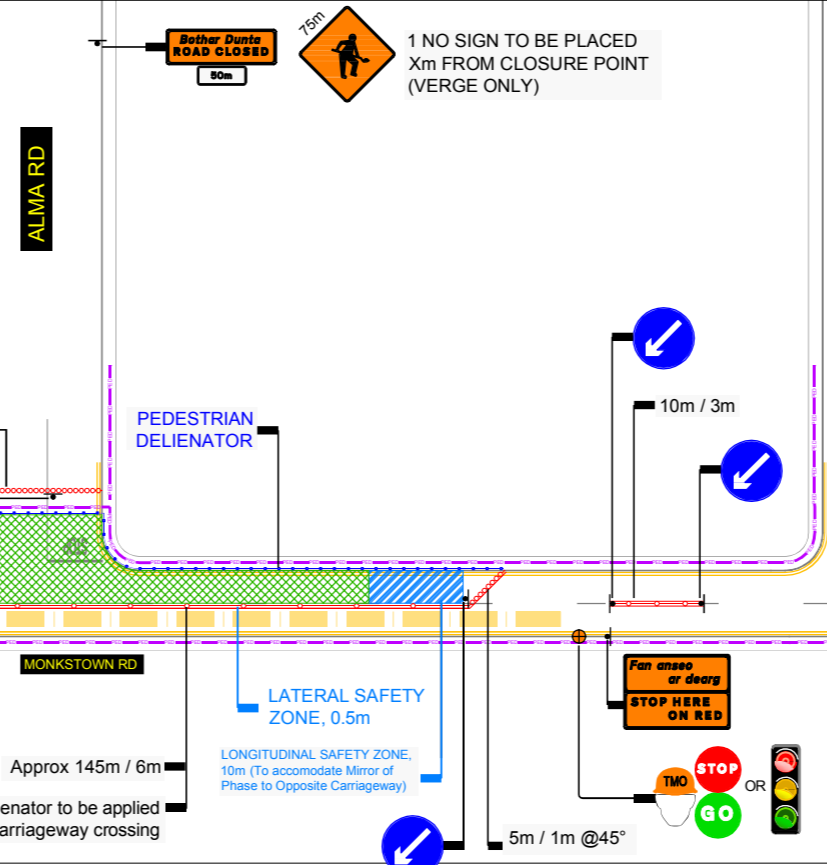
- Risk Assessment:**
- ADW Sign WK001 applied in Diversion Design no Need to Replicate.
 - LSZ Reduced to 10m to reduce Impact on Side Roads & Accesses & Red time offset by the reduced AADT due to the Diversion Route.



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 - ADDITIONAL WORKS SPACE
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 - PEDESTRIAN DELIENATOR
 - EXISTING PEDESTRIAN PATH
 - SIGN SYMBOL
 - TMO / TRAFFIC LIGHT POSITION
 - SHUTTLE LANE (3.0m Min)

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| Contracts Manager | |



| RS | Design Issue for COMMENT or APPROVAL | 27/07/18 | Date | Rev | Description | By | Date |
|----|--------------------------------------|----------|------|-----|-------------|----|------|
| 1 | Purpose of Issue | | | | | | |

Kilsaran
ideas taking shape



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Mob: +353 (0) 86 0442650
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E-mail: roisino@tmdesign.ie

| | |
|-----------|------------------|
| Designed: | RO'R |
| Drawn: | RO'R |
| Checked: | AMC |
| Approved: | AV |
| CAD File: | 18 B021 REV0.dwg |
| Scale: | AS SHOWN @ A3 |
| Date: | 24/07/2018 |

| | | | |
|----------------|--|-------------|----------|
| Client: | KILSARAN | Job No: | 18.02c |
| Project Title: | MONKSTOWN ROAD DUN LAOGHAIRE | Drawing No: | 18 B021c |
| Drawing Title: | TEMPORARY TRAFFIC MANAGEMENT LAYOUT FOR SHUTTLE OPERATION (PHASE 2 NIGHT-TIME) WITHIN PROPOSED ROAD CLOSURE SYSTEM, MONKSTOWN ROAD, DUBLIN | Rev: | 0 |