

Irish Water | Uisce Éireann



Connection & Developer Services

23 Spa Street, Portarlinton, Laois

Traffic Management Plan

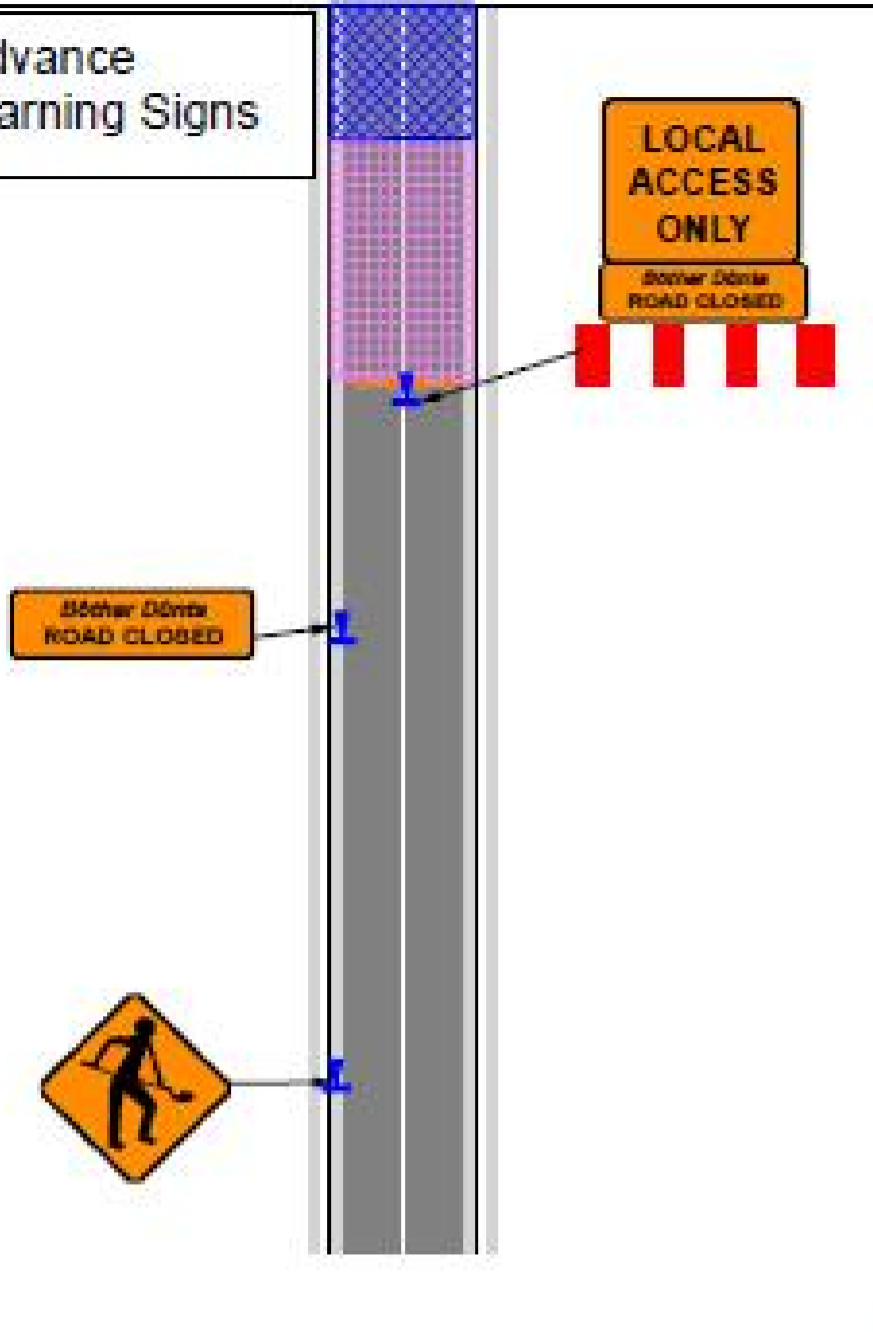
Drawing no.

CDS_TM_166_001
CDS_TM_166_002
CDS_TM_166_003

Drawing title

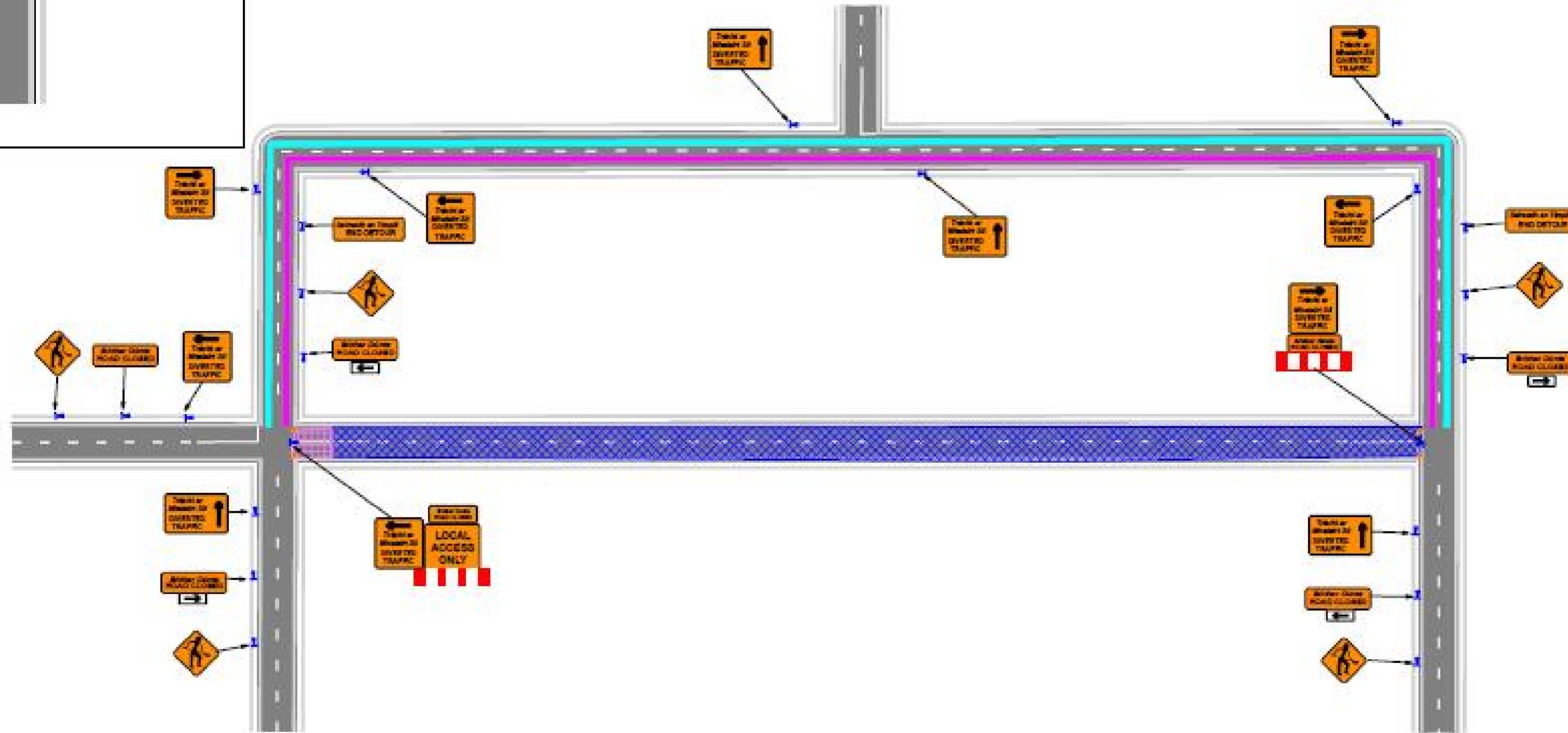
Works location
TM Notes
TM Layout

Advance Warning Signs



Road Closure Notes:

- The statutory process for a full road closure in Section 75 of the Roads Act 1993 should be followed prior to implementing the road closure.
- The Local Authority and Gardai should be consulted during the planning stage of a road closure.
- Local residents/businesses should be informed of the location and duration of the road closure. Residents should be regularly updated on the progress of the works and advised of the best route to access their property as the works location changes.
- The Emergency Services shall be informed of the location of the road closure so they can take appropriate action to navigate around the works.
- Access to all properties for Emergency Service vehicles to be maintained throughout the works. Access to local residences to be maintained.
- Diversion routes are to be clearly signposted. Capacity of diversion route to match or exceed the road being closed.



DESIGN PARAMETERS

| ROAD / WORKS CHARACTERISTICS | | |
|------------------------------|---------------------------|----------------------|
| Road Level | Roadworks Type | Speed Limit |
| 1(iii) | A | 50 |
| Single or Multi-Lane / Dual | Sign Size | |
| Single | 600mm | |
| TEMPORARY SIGNS | | |
| Sign Visibility | Number of Signs | Sign Spacing |
| 50m | 2 | 20m |
| MIN. RATE OF TAPER | | |
| Taper at Lane | Taper At Hard Shoulder | Transition Length |
| 45 Deg. | 45 Deg. | N/A |
| SAFETY ZONES & LANE WIDTH | | |
| Longitudinal Safety Zone | Lateral Safety Zone | Minimum Lane Width |
| 5m | 0.5m | 3m |
| CONE SIZE & SPACING | | |
| Minimum Cone Height | Spacing at Tapers | Longitudinal Spacing |
| 750mm | 3m | 3m |
| LAMP SPACING | | |
| Lamp Spacing at Tapers | Longitudinal Lamp Spacing | |
| 6m | 6m | |

LEGEND

- Sign Location
- Road Cones
- Works Area
- Longitudinal Safety Zone
- Lateral Safety Zone

PROJECT INFORMATION

Client: Irish Water | Uisce Éireann
 Project: Spa Street Portlarlinton CDS TMP

Title: TM Notes
 Dwg No: CDS_TM_166_002
 Date: 03/03/2022 Rev: 00 Scale: N.T.S.
 Drawn: S.Desmond Checked: D. Kiernan Approved: P. Daly

coffey Athenry, Co. Galway.
 Tel: 00353 (91) 844356
 Fax: 00353 (91) 844519
 www.coffeygroup.com

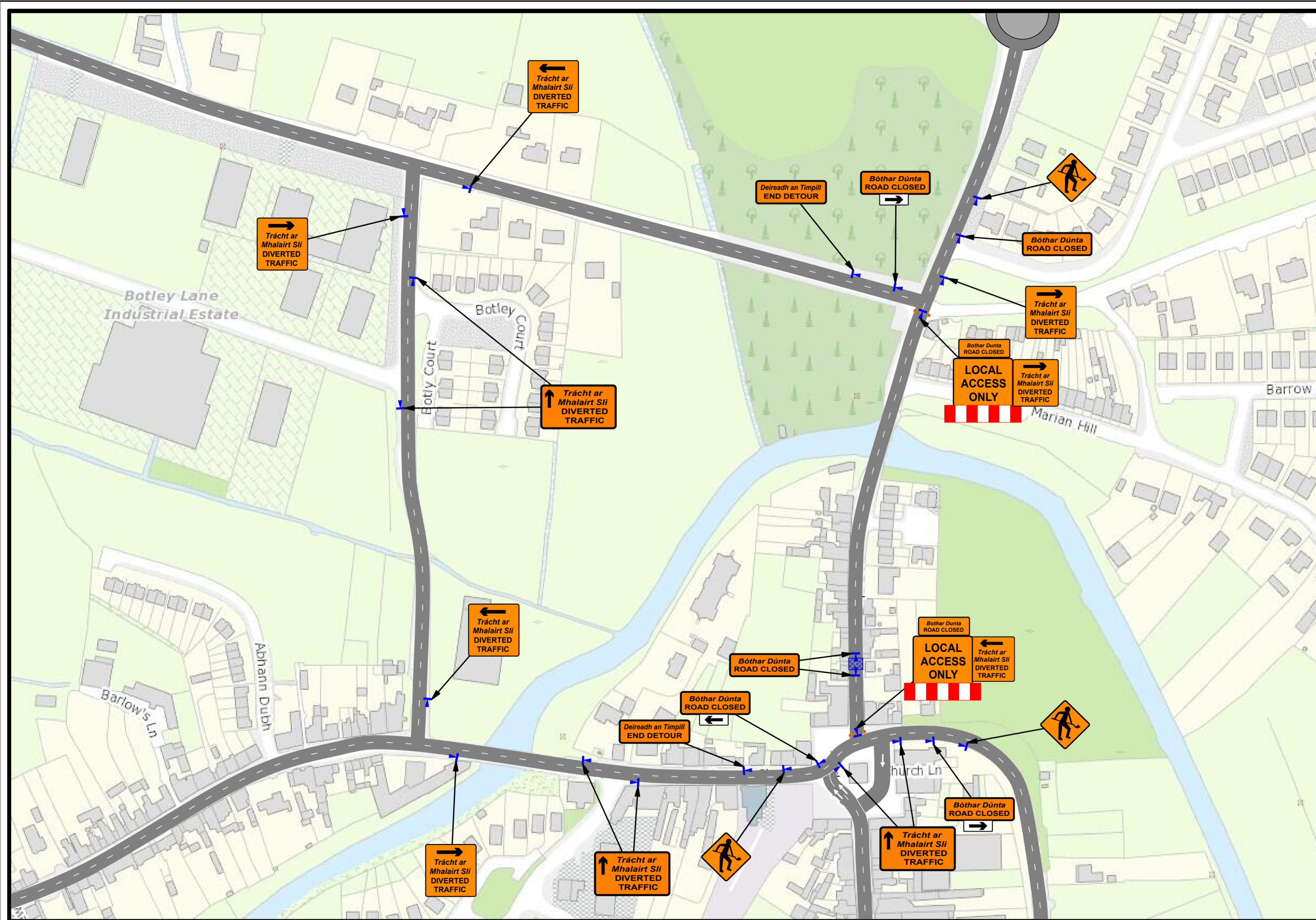
GENERAL NOTES:

- All works to be carried out in accordance with the latest revisions of Chapter 8 of the Traffic Signs Manual and the Temporary Traffic Management Operations Guidance.
- The Temporary traffic management plan may only be implemented by a qualified Temporary Traffic Operations Supervisor (TTOS). The TTOS is to be in possession of the relevant CSCS signing lighting and guarding at road works card.
- TTOS shall be available at all times when traffic management is in operation. Designated personnel to hold Health and Safety at Road Works CSCS card if applicable.
- Inspections of the traffic management layout are to be carried out on a daily basis to ensure the TM equipment has been set out as specified in the temporary traffic management plan (TTMP) and to ensure the TTMP is operating effectively.
- Maintenance of the traffic management equipment to be carried out on an on-going basis throughout the duration of the works.
- Sign faces shall be of retro-reflective material and the retro-reflectivity, colours, chromaticity and luminance factors shall be as specified in the TII Publication on Specification for Roadworks Series 1200 (CC-SPW-01200) or any further amendments or replacement.
- Designated works access locations are to be clearly signposted using sign WK 052 as required. Exact location of access signage to be determined by the TTOS on site, referring to Chapter 8 of the Traffic Signs Manual for usage.
- The layouts and diagrams shown in chapter 8 of the traffic signs manual are based on directing traffic through roadworks using delineators and safety zones rather than on the use of restraint systems. Safety barriers should only be used where the benefits outweigh the risks involved in their installation and use. Risk assessment to be undertaken by the relevant supervisor in relation to excavations in the vicinity of the existing roadway.
- It is envisaged that unobstructed access shall be maintained for the emergency services for the duration of the works. Should access be required to the site / works areas then this shall be via agreed site access points.
- Access to local residence and business properties to be maintained at all times and to be coordinated by the TTOS on site.
- Pedestrian routes to be maintained during the works. Pedestrian routes to be coordinated by the TTOS on site and signed accordingly.

DRAWING HISTORY:

| Rev. | Date | Comment |
|------|------------|----------------|
| 00 | 03/03/2022 | Original Issue |
| | | |
| | | |
| | | |
| | | |





| DESIGN PARAMETERS | | |
|--|---------------------------|---|
| ROAD / WORKS CHARACTERISTICS | | |
| Road Level | Roadworks Type | Speed Limit |
| 1(iii) | A | 50 km/h |
| Single or Multi-Lane / Dual | Sign Size | |
| Single | 600mm | |
| TEMPORARY SIGNS | | |
| Sign Visibility | Number of Signs | Sign Spacing |
| 50m | 2 | 20m |
| MIN. RATE OF TAPER | | |
| Taper at Lane | Taper At Hard Shoulder | Transition Length |
| 45 Deg. | 45 Deg. | N/A |
| SAFETY ZONES & LANE WIDTH | | |
| Longitudinal Safety Zone | Lateral Safety Zone | Minimum Lane Width |
| 5m | 0.5m | 3m |
| CONE SIZE & SPACING | | |
| Minimum Cone Height | Spacing at Tapers | Longitudinal Spacing |
| 750mm | 3m | 3m |
| LAMP SPACING | | |
| Lamp Spacing at Tapers | Longitudinal Lamp Spacing | |
| 6m | 6m | |
| LEGEND | | |
| | Sign Location | |
| | Road Cones | |
| | Works Area | |
| | Longitudinal Safety Zone | |
| | Lateral Safety Zone | |
| PROJECT INFORMATION | | |
| Client: Irish Water Uisce Éireann | | |
| Project: Spa Street Portarlinton CDS TMP | | |
| Title: TM Layout | | |
| Dwg No: CDS_TM_166_003 | | |
| Date: 03/03/2022 | Rev: 00 | Scale: N.T.S. |
| Drawn: S.Desmond | Checked: D. Kiernan | Approved: P. Daly |
| | | Athenry, Co. Galway. Tel: 00353 (91) 844356 Fax: 00353 (91) 844519 www.coffeygroup.com |

GENERAL NOTES:

- 1) All works to be carried out in accordance with the latest revisions of Chapter 8 of the Traffic Signs Manual and the Temporary Traffic Management Operations Guidance.
- 2) The Temporary traffic management plan may only be implemented by a qualified Temporary Traffic Operations Supervisor (TTOS). The TTOS is to be in possession of the relevant CSCS signing lighting and guarding at road works card.
- 3) TTOS shall be available at all times when traffic management is in operation. Designated personnel to hold Health and Safety at Road Works CSCS card if applicable.
- 4) Inspections of the traffic management layout are to be carried out on a daily basis as specified in the temporary traffic management plan (TTMP) and to ensure the TTMP is operating effectively.
- 5) Maintenance of the traffic management equipment to be carried out on an on-going basis throughout the duration of the works.
- 6) Sign faces shall be of retro-reflective material and the retro-reflectivity, colours, chromaticity and luminance factors shall be as specified in the TII Publication on Specification for Roadworks Series 1200 (CC-SPW-01200) or any further amendments or replacement.
- 7) Designated works access locations are to be clearly signposted using sign WK 052 as required. Exact location of access signage to be determined by the TTOS on site, referring to Chapter 8 of the Traffic Signs Manual for usage.
- 8) The layouts and diagrams shown in chapter 8 of the traffic signs manual are based on directing traffic through roadworks using delineators and safety zones rather than on the use of restraint systems. Safety barriers should only be used where the benefits outweigh the risks involved in their installation and use. Risk assessment to be undertaken by the relevant supervisor in relation to excavations in the vicinity of the existing roadway.
- 9) It is envisaged that unobstructed access shall be maintained for the emergency services for the duration of the works. Should access be required to the site / works areas then this shall be via agreed site access points.
- 10) Access to local residence and business properties to be maintained at all times and to be coordinated by the TTOS on site.
- 11) Pedestrian routes to be maintained during the works. Pedestrian routes to be coordinated by the TTOS on site and signed accordingly.

DRAWING HISTORY:

| Rev. | Date | Comment |
|------|------------|----------------|
| 00 | 03/03/2022 | Original Issue |

Bealach SITE ACCESS