

| Design Parameter | Type A > 12 hours |
|--|----------------------|
| Advance Warning Signage | |
| Sign Size (mm) | 600 |
| Sign Visibility (m) | 90 |
| Number of Signs | 4 |
| Cumulative Distance (m) | 480 |
| Distance between Advance Warning Signs (m) | 120 |
| Taper | |
| Lane Taper Rate ^A | 1 in 40 |
| Hard Shoulder Taper Rate ^A | |
| Cones | |
| Cone Height (mm) | 750 |
| Taper Spacing (m) ^B | 3 |
| Longitudinal Spacing (m) ^B | 12 |
| Lamps (unlit areas only) | |
| Taper Spacing (m) | 6 |
| Longitudinal Spacing (m) | 24 |
| Safety Zones | |
| Longitudinal (m) | 45 |
| Lateral (m) | 1.2 |
| Lanes | |
| Lane Width (m) ^C | 3 |

| Other Design Considerations | |
|-----------------------------|------------------|
| Type of System | Traffic Lights |
| Road Type | Level 2 (i) 80km |
| Works Length | <150m |
| Traffic Voulmn (AADT) | < 5,000 veh/day |

Type A – Works requiring full time Temporary Traffic Management (TTM)

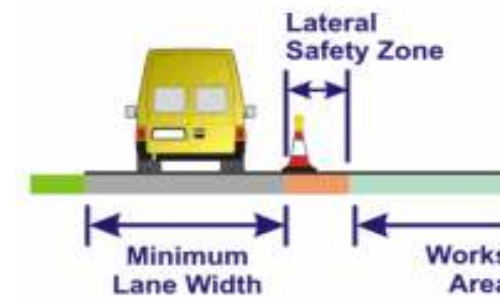
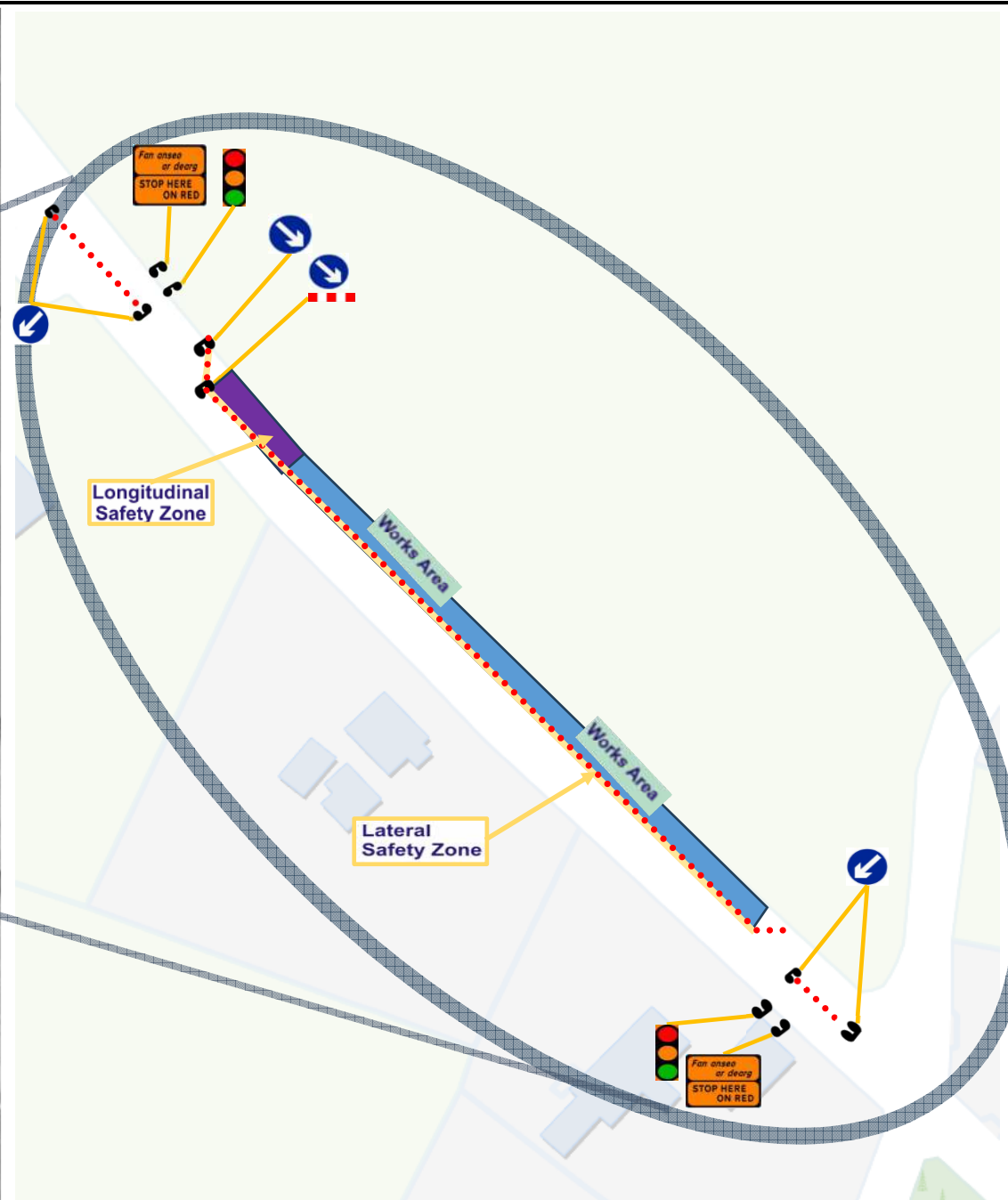
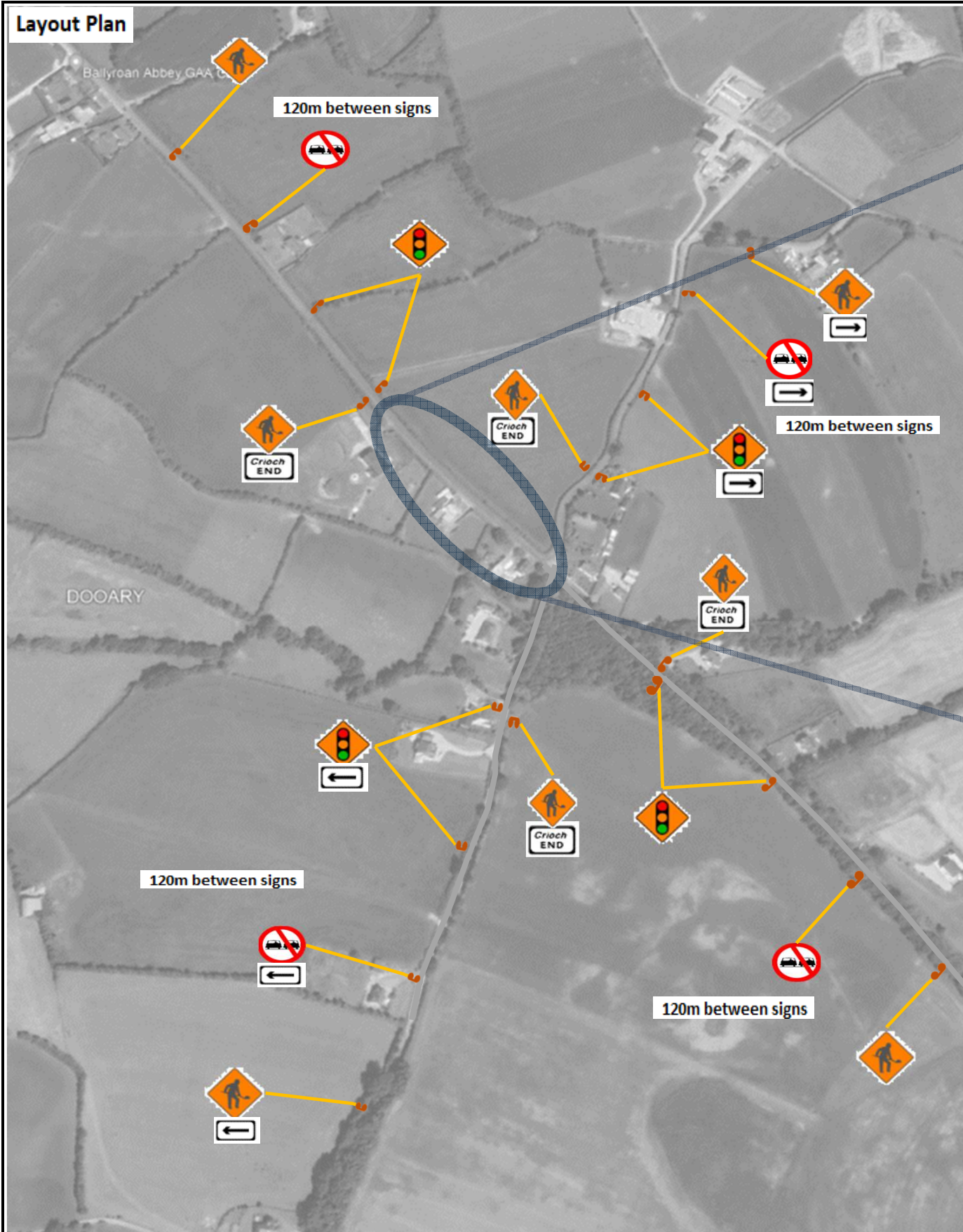
| | |
|--------------------------|------------|
| Proposed Start Date | 15/12/2023 |
| Proposed Completion Date | 22/12/2023 |

Notes:

Dunne Brothers Ltd
 "50 years in Plant Hire & Civil Engineering"
 Civil Engineering | Groundworks | Planthire | Demolitions | Utilities
 O'Moore Street, Mountmellick, Laois Tel: 057 8624163
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Drawing: **Traffic Management Plan - Traffic Signals - Ph1 for Drainage Works at Doory, Ballyroan**
 Project: **Portlaoise MD Paths 2023**
 Client: **Laois County Council**
 Date: **11/12/2023** Dwg No. **013-1**

Layout Plan



| Design Parameter | Type A > 12 hours |
|--|----------------------|
| Advance Warning Signage | |
| Sign Size (mm) | 600 |
| Sign Visibility (m) | 90 |
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| Cumulative Distance (m) | 480 |
| Distance between Advance Warning Signs (m) | 120 |
| Taper | |
| Lane Taper Rate ^A | 1 in 40 |
| Hard Shoulder Taper Rate ^A | |
| Cones | |
| Cone Height (mm) | 750 |
| Taper Spacing (m) ^B | 3 |
| Longitudinal Spacing (m) ^B | 12 |
| Lamps (unit areas only) | |
| Taper Spacing (m) | 6 |
| Longitudinal Spacing (m) | 24 |
| Safety Zones | |
| Longitudinal (m) | 45 |
| Lateral (m) | 1.2 |
| Lanes | |
| Lane Width (m) ^C | 3 |
| Other Design Considerations | |
| Type of System | Traffic Lights |
| Road Type | Level 2 (i) 80km |
| Works Length | <150m |
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Type A – Works requiring full time Temporary Traffic Management (TTM)

| | |
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| Proposed Start Date | 15/12/2023 |
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Notes:

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Drawing: **Traffic Management Plan - Traffic Signals Ph2 for Drainage Works at Doory, Ballyroan**

Project: **Portlaoise MD Paths 2023**
 Client: **Laois County Council**

Date: **11/12/2023** Dwg No. **013-2**