



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

Other Design Considerations	
Type of System	Traffic Lights
Road Type	Level 2 (i) 80km
Works Length	<300m
Traffic Volume (AADT)	< 5,000 veh/day

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

Proposed Start Date	17/11/2022
Proposed Completion Date	01/12/2022

Notes:  
For Location, refer to Client Layout Plan

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Drawing:	<b>Traffic Management Plan Traffic Signals at Lauragh / Knightstown</b>
Project:	<b>Portlaoise MD Paths 2022</b>
Client:	<b>Laois County Council</b>
Date:	<b>14/11/2022</b> Dwg No. <b>004</b>