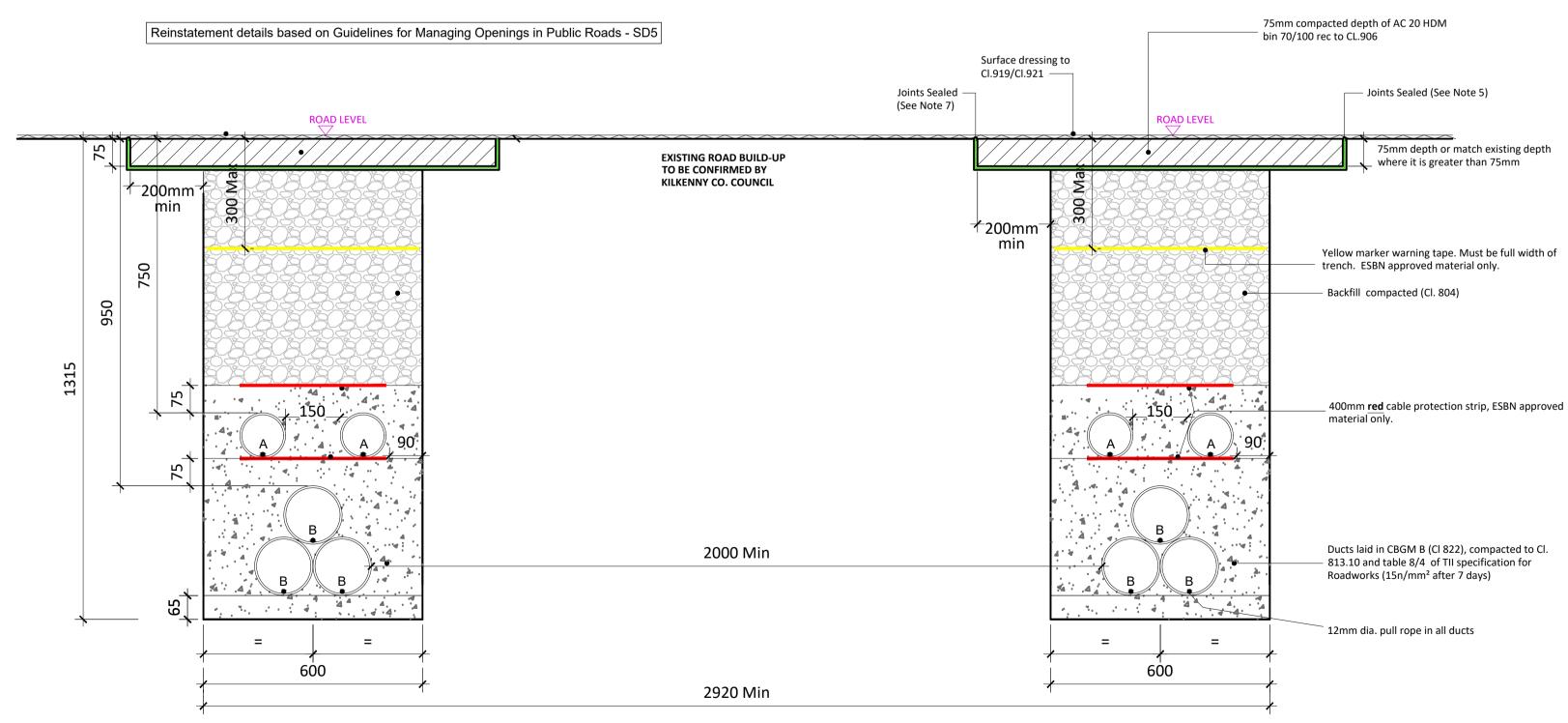
SMA 14 PMB surf 65/100-70 PSV 60 des to Clause 942

A = 125mm: Outer Diameter HDPE ESB Approved Duct, SDR=17.6 B= 160mm : Outer Diameter HDPE ESB Approved Duct, SDR= 21

## Typical Section Through Permanent Reinstatement of Longitudinal **Opening in Roadway**

**SCALE 1:10** 



A = 125mm: Outer Diameter HDPE ESB Approved Duct, SDR=17.6 B= 160mm : Outer Diameter HDPE ESB Approved Duct, SDR= 21

Typical Section Through Permanent Reinstatement of Longitudinal **Opening in Dressed Rural Unbound Roadway** 

**SCALE 1:10** 



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**PROJECT** 

# Castlebanny Wind Farm 110kV Grid Connection

CLIENT



### CONSULTANTS

ALL REINSTATEMENT WORKS ARE TO BE IN

ACCORDANCE WITH LOCAL AREA ENGINEERS REQUIREMENTS AND GUIDELINES FOR MANAGING

**OPENINGS IN PUBLIC ROADS** 

1. Refer to Guidelines for managing Openings in Public Roads (Purple Book - April 2017), Chapter 6

2. All bound edges shall be saw cut to expose the full vertical thickness of each layer prior to

3. Where a temporary surface has been used, material shall be planed out to the depth specified in

4. Where the trimmed edge of excavation is within 400mm\* of a joint / edge, ironwork or other reinstatement, this trimmed edge shall be extended to include same and the area of reinstatement

5. Any damaged area adjacent to the opening and resulting from the excavation operation shall be

6. Clause 808 or Cement Bound Granular Material surface to be sprayed per clause 920 prior to

7. Joint sealer shall be a hot 50 pen bitumen binder or cold thixtropic bitumen 50 -70 pen to be applied

to all vertical cuts in accordance with B.S.594987 prior to application of bituminous materials.

8. For roads without asphalt concrete surface (e.g. may be Cl.804 with double surface dressing), the

10. Where required by the Road authority the trench may be reinstated with a Cement Bound Granular

road authority may as its discretion permit the temporary reinstatement surface of asphalt

concrete to be regulated in lieu of excavation and reinstatement; and subsequently surface dressed.

shall be extended accordingly (\* increase to 800mm where this is pre-existing practice).

this drawing. The new permanent surface shall be machined laid and mechanically compacted with

'Specifications' for guidance on Duct type / colour and Marker Tape type / colour.

excavation. All edges shall be essentially straight, smooth and vertical.

9. On highly trafficked roads services must have a minimum cover of 750mm.

included within the area to be reinstated.

application of Asphalt Concrete Layer.



- The following design is subject to EirGrid design approval. This drawing is to be read in conjunction with all other relevant
  - Dimensions are in millimeters, unless noted otherwise.
- Drawings are not to be scaled use figured dimensions only.
- Geogrid may be implemented along the cable trench route where deemed necessary by the Contractor or as required by Kilkenny County Council.
- Existing road build up and reinstatement requirements to be confirmed with Kilkenny Co Co.

## **LEGEND: -**

ISSUE/REVISION
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P01	02.12.20	Issued for Planning
P00	03.09.20	Issued for Information
I/R	DATE	DESCRIPTION

# PROJECT NUMBER

05-699

### SHEET TITLE

Typical Double Circuit 110kV Ducting Through Regional/Local Roads

SHEET NUMBER

05699-DR-101