Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD4 SMA 14 PMB surf 65/100-70 PSV 60 des to Clause 942 HRA 30/14 F surf rec to Clause 911 (20mm precoated chippings) **EXISTING ROAD BUILD-UP** TO BE CONFIRMED BY AC 10 or 14 close surf 70/100 rec to CL 912 Note: Surface Course to match adjacent surface material or as WATERFORD CO. COUNCIL directed by the Road Authority Joints Sealed -(See Note 7 & 8) Joints Sealed (See Note 5) ROAD LEVEL 60mm min. or match existing depth of 8 bituminous layer 100mm Bond Coat to Clause 920 (SEE NOTE 6.) 100mm 800 min AC 20 dense bin 70/100 rec to Clause 906 AC 20 dense bin 70/100 rec - 80mm Depth Heavily Trafficked Road - 250mm Subject to the agreement of the Road Authority, CBGM B to SRW Series 800 Yellow marker warning tape. Must be full width of trench. ESBN approved material only. Cl. 804/808 compacted in layers in accordance with subject to the agreement of the Road Authority CGBM B to SRW Series 800 400mm red cable protection strip, ESBN approved 150 150 material only. 2 No. 125mm outer diameter HDPE comms ducts. ESBN approved material only. Comms duct to be placed to the side of trench closest to the road centre. 75 Ducts laid in CBGM B (Cl 822), compacted to Cl. - 813.10 and table 8/4 of TII specification for Roadworks (15n/mm² after 7 days) 3 No. 110mm outer diameter HDPE ducts. ESBN approved material only 12mm dia. pull rope in all ducts 825

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

Note:

- This drawing is to be read in conjunction with relevant drawings, specifications and reports
- Dimensions are in millimeters, unless noted otherwise
- Drawings are not to be scaled use figured dimensions only

Typical Section Through Permenant Reinstatement of Longitudinal Opening in Roadway

SCALE 1:10

Note

- Refer to Guidelines for managing Openings in Public Roads (Purple Book April 2017), Chapter 6 'Specifications' for guidance on Duct type / colour and Marker Tape type / colour.
- 2. All bound edges shall be saw cut to expose the full vertical thickness of each layer prior to excavation. All edges shall be essentially straight, smooth and vertical.
- Where a temporary surface has been used, material shall be planed out to the depth specified in this drawing. The new permanent surface shall be machined laid and mechanically compacted with a vibrating roller.
- 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 shall be extended accordingly (* increase to 800mm where this is pre-existing practice).
- . Any damaged area adjacent to the opening and resulting from the excavation operation shall be included within the area to be reinstated.
- 6. Clause 808 or Cement Bound Granular Material surface to be sprayed per clause 920 prior to application of Asphalt Concrete Layer.
- Joint sealer shall be a hot 40/60 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. Joints sealed with hot bitumen and topped with fine sand/grid to get a minimum 55 skid resistance value as determined by the Portable Skid Resistance Pendulum and shall not exceed 3mm depth and 50mm width or other method approved by the road authority.
- For roads without asphalt concrete surface (e.g. may be Cl.804 with double surface dressing), the 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.
- 10. Surface course to match existing surfaces unless otherwise directed by road authority.
- 11. The coarse aggregate in the asphalt concrete surface course shall have a polished stone value of not less than 60.

ALL REINSTATEMENT WORKS ARE TO BE IN ACCORDANCE WITH LOCAL AREA ENGINEERS REQUIREMENTS AND GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS



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Futur=nergy

PROJECT

Scart Mountain Wind Farm 110 kV Grid Connection

PROJECT NUMBER 05-854

SHEET NUMBER 05854-DR-203

SHEET TITLE
110 kV Cable Ducts in Local Road

Permenant Reinstatement to SD4
DRAWING STATUS
For Planning

	ISSUE/REVISION		
	P1	09.11.2023	Issued for Planning
	I/R	DATE	DESCRIPTION