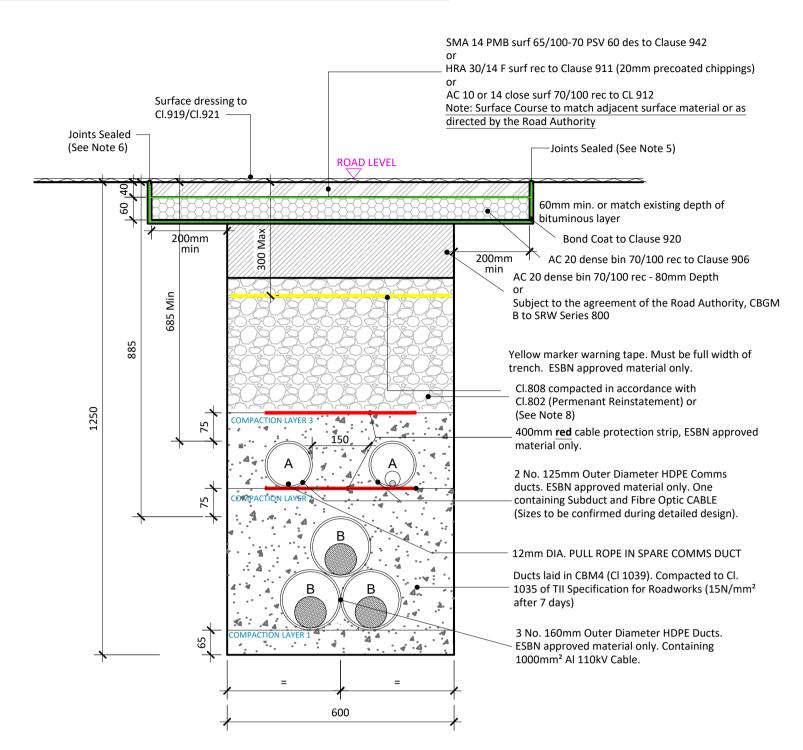
Permanent Reinstatement

Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD4



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

Typical Section Through Permanent Reinstatement of Longitudinal Opening in Roadway

SCALE 1:10

Temporary Reinstatement

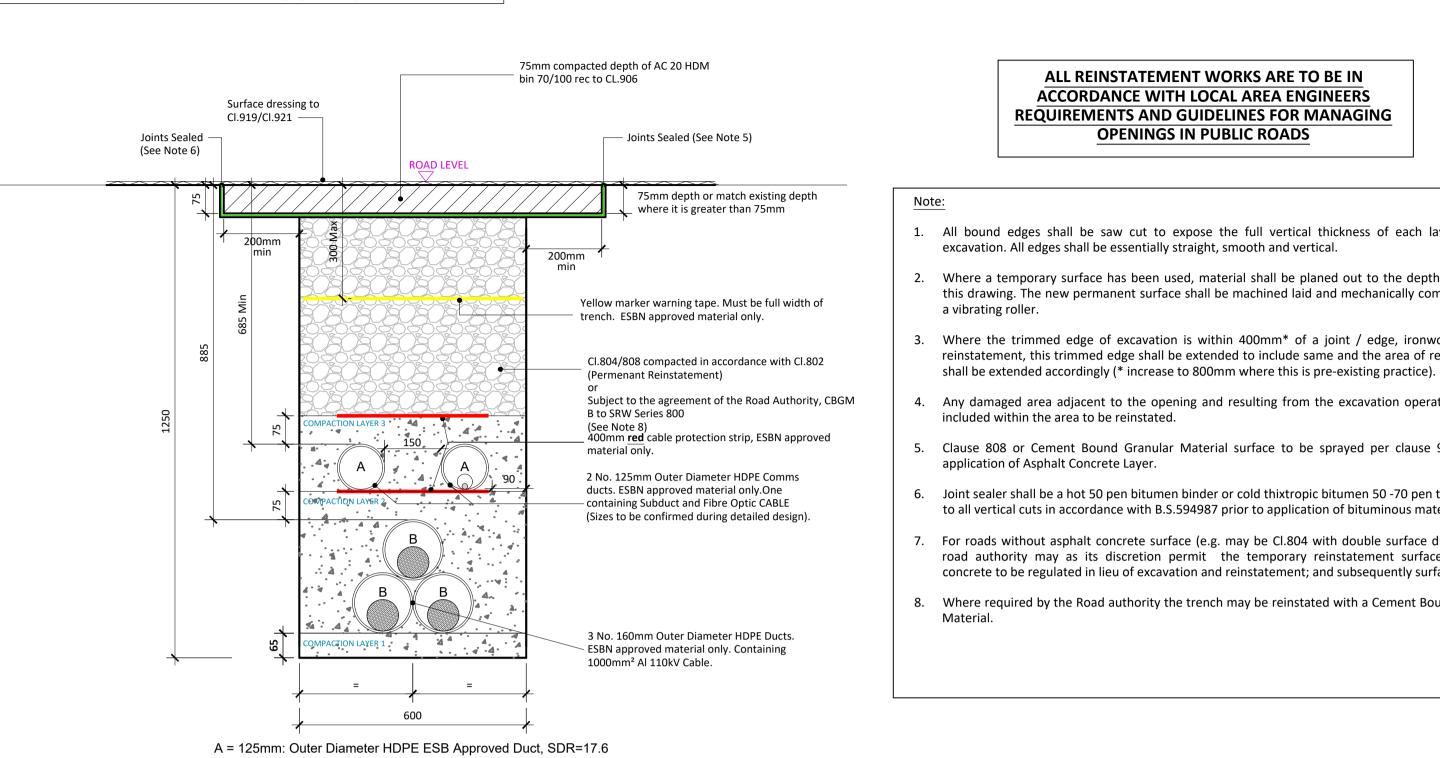
Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD1

AC 20 Dense bin 70/100 rec - Depth: 100mm 50mm compacted depth of 14mm (nominal size) cold laid Bitmac to IS EN 13108 (delay set) - only with the road authority's approval Joints Sealed -See Note 3 ROAD LEVEL AC 20 dense bin 70/100 rec - 80mm Depth 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 accordance with Cl.802 (Permenant Reinstatement) Subject to the agreement of the Road Authority, CBGM B to SRW Series 800 400mm red cable protection strip, ESBN approved material only. 2 No. 125mm Outer Diameter HDPE Comms ducts. ESBN approved material only. One containing Subduct and Fibre Optic CABLE (Sizes to be confirmed during detailed design). 12mm DIA. PULL ROPE IN SPARE COMMS DUCT Ducts laid in CBM4 (Cl 1039). Compacted to Cl. 1035 of TII Specification for Roadworks (15N/mm² after 7 days) 3 No. 160mm Outer Diameter HDPE Ducts - ESBN approved material only. Containing 1000mm² Al 110kV Cable. 600 A = 125mm: Outer Diameter HDPE ESB Approved Duct, SDR=17.6 B= 160mm : Outer Diameter HDPE ESB Approved Duct, SDR=17.6

Typical Section Through Temporary Reinstatement of Longitudinal Opening in Roadway

SCALE 1:10





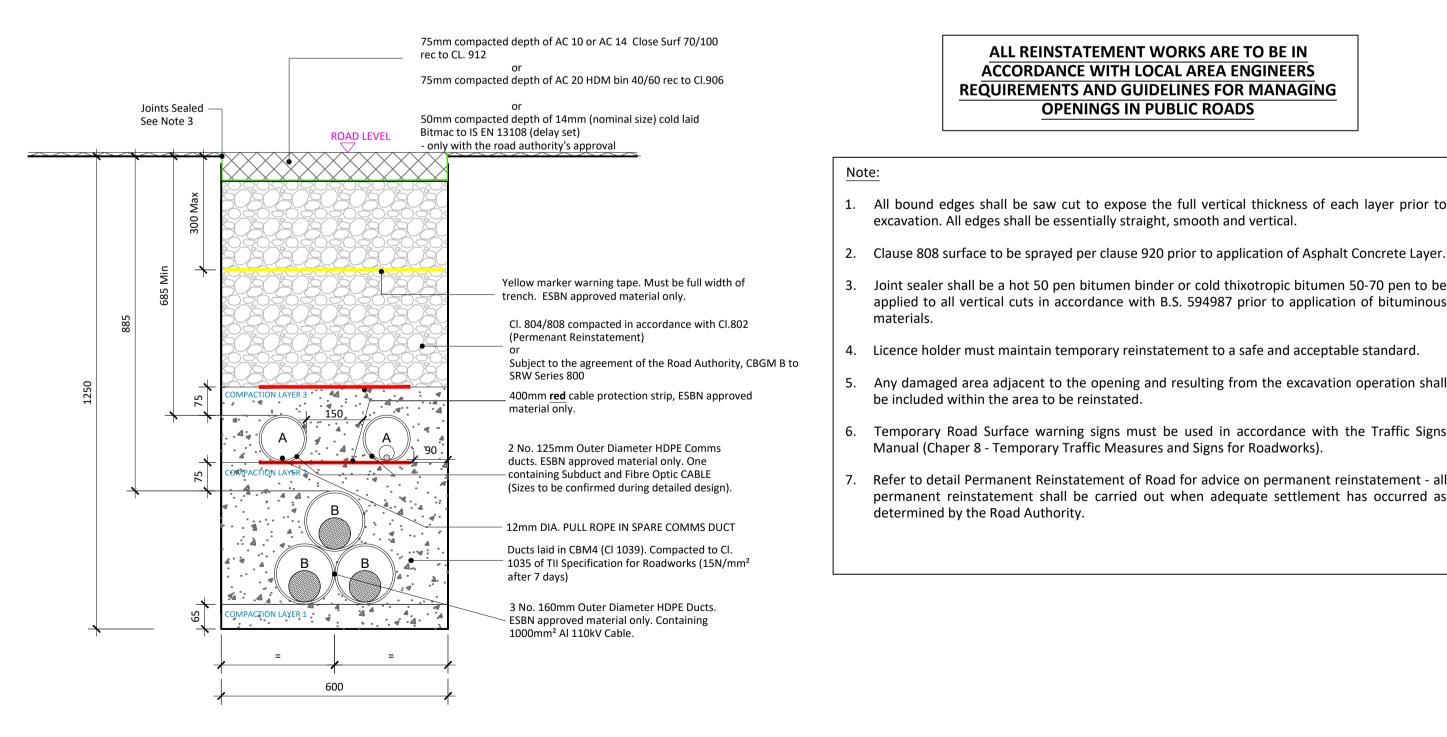
Typical Section Through Permanent Reinstatement of Longitudinal **Opening in Dressed Rural Unbound Roadway**

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

SCALE 1:10

Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD2

Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD5



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

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

ACCORDANCE WITH LOCAL AREA ENGINEERS **REQUIREMENTS AND GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS**

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

2. 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

3. 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

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

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

6. 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.

7. 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.

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

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

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

3. Joint sealer shall be a hot 50 pen bitumen binder or cold thixotropic bitumen 50-70 pen to be applied to all vertical cuts in accordance with B.S. 594987 prior to application of bituminous

1. Licence holder must maintain temporary reinstatement to a safe and acceptable standard.

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

6. Temporary Road Surface warning signs must be used in accordance with the Traffic Signs

Refer to detail Permanent Reinstatement of Road for advice on permanent reinstatement - all permanent reinstatement shall be carried out when adequate settlement has occurred as



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PROJECT

110kV Underground Cabling for Upperchurch Windfarm Grid Connection

CLIENT



CONSULTANTS

NOTES: -

- 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.

LEGEND: -

ISSUE/REVISION

12.12.19	Issued for Planning
17.07.19	Issued for Planning
11.07.19	Issued for Planning
25.06.19	Issued for Planning
21.03.19	Issued for Information
12.03.19	Issued for Information
06.03.19	Issued for Information
DATE	DESCRIPTION
	17.07.19 11.07.19 25.06.19 21.03.19 12.03.19 06.03.19

PROJECT NUMBER

05-652

SHEET TITLE

Typical Ducting Through Regional / Local Roadways and Public Road Reinstatement

SHEET NUMBER

05652-529