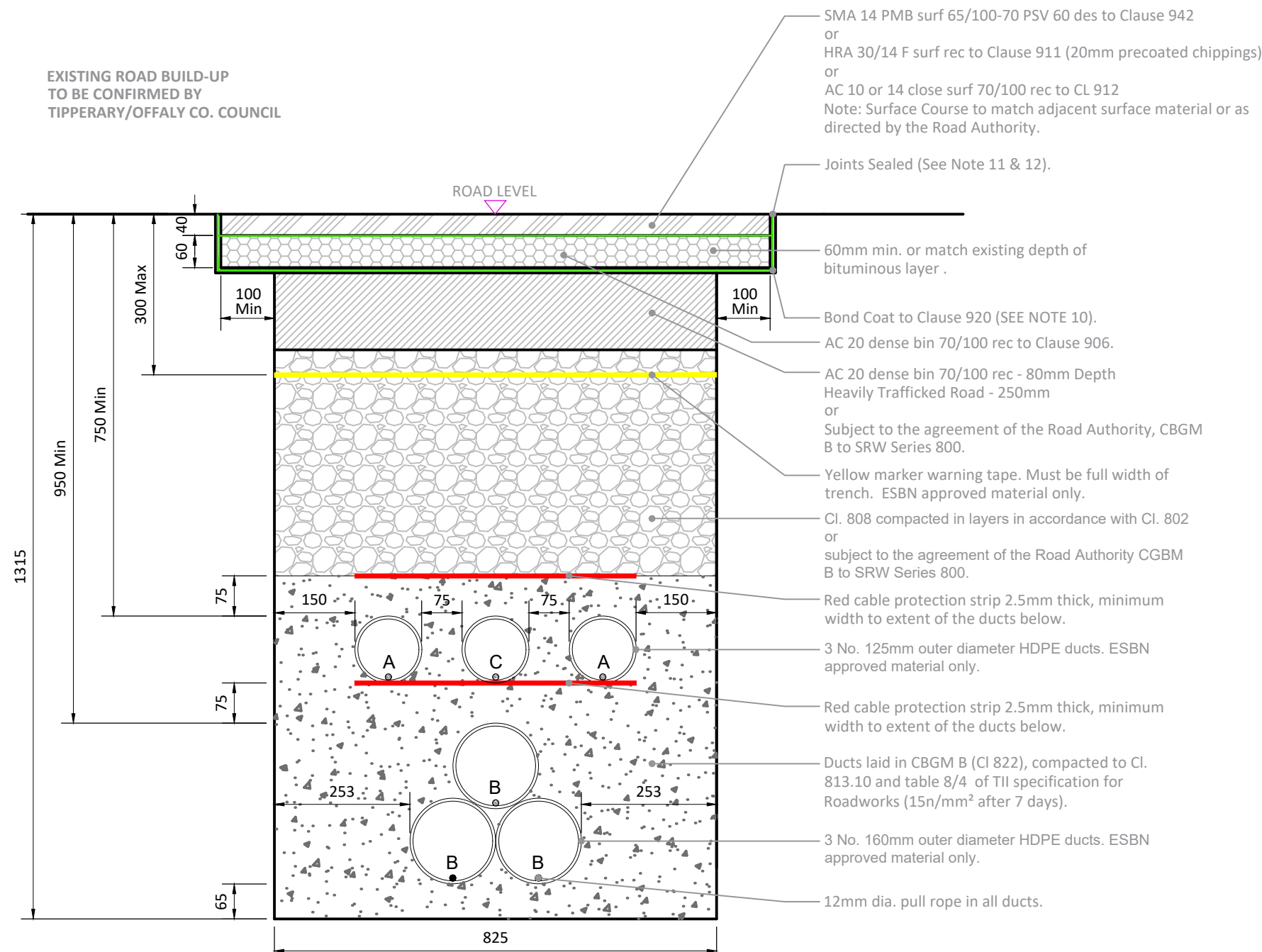


Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD4



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

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

SCALE 1:10

- Notes:
- Please note that this is drawing for planning and is not to be used for construction.
  - 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.
  - 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.
  - 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.
  - 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.
  - 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 thixotropic bitumen 50 -70 pen to be applied to all vertical cuts in accordance with B.S. 594987 prior to application of bituminous materials.
  - 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.
  - Surface course to match existing surfaces unless otherwise directed by road authority.
  - 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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CLIENT  
 PROJECT  
 Ballincor WF  
 110 kV Grid Connection

PROJECT NUMBER  
 05-867  
 SHEET NUMBER  
 05867-DR-203

SHEET TITLE  
 110 kV Cable Ducts in Local Road  
 Permanent Reinstatement to SD4

DRAWING STATUS  
 For Planning

ISSUE/REVISION		
I/R	DATE	DESCRIPTION
P2	07.07.2025	Issued for Planning
P1	16.08.2024	Issued for Planning