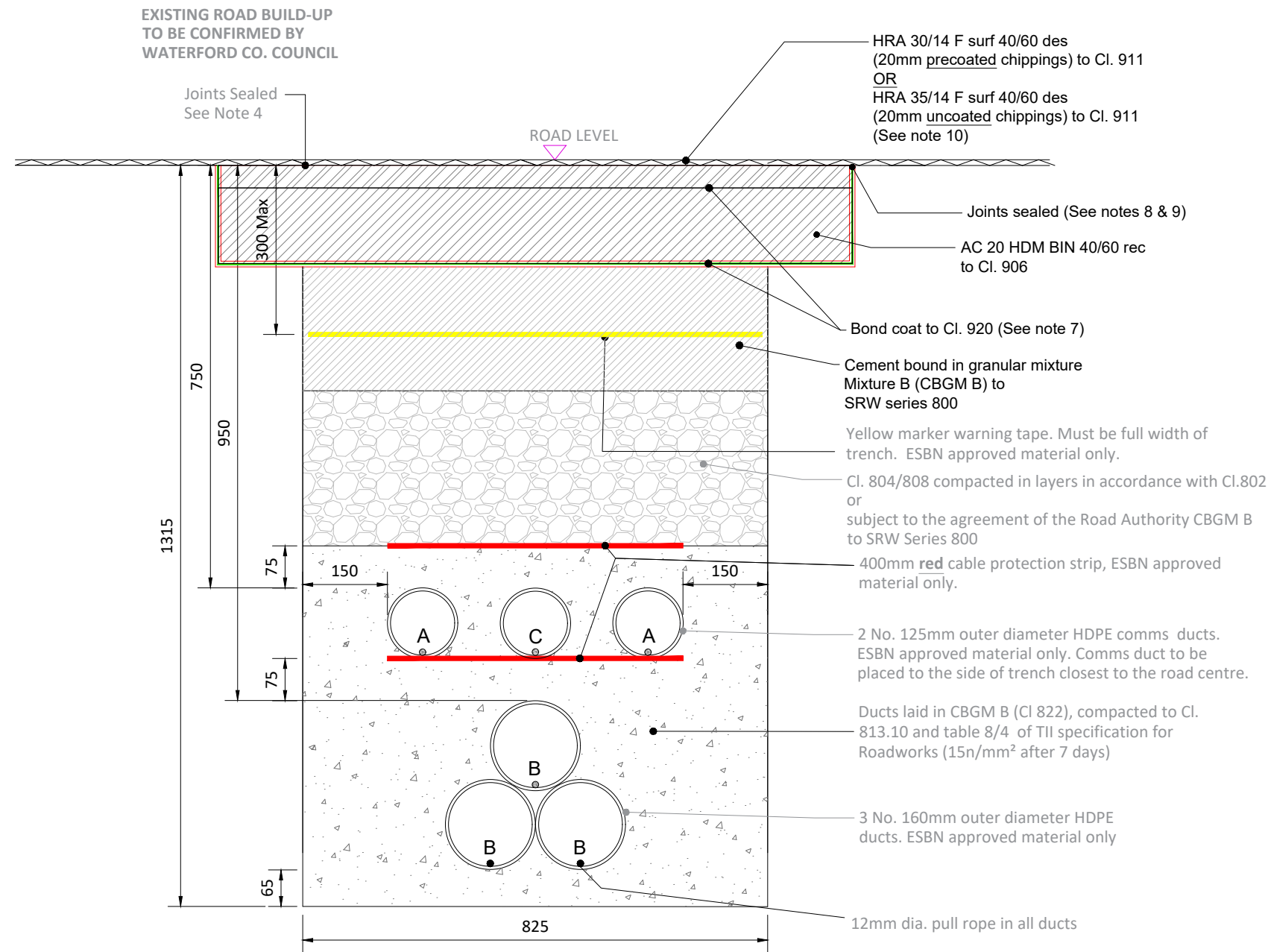


Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD6



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:**
1. 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.
 3. As a minimum the reinstatement layer shall match existing bound AC layers or depths shown.
 4. 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.
 5. The above surface and binder courses and CBGM road base can be replaced by 40mm rolled Asphalt Surface Course to Clause 911 on 60mm deep asphalt concrete base course to Clause 906 on 200mm of asphalt concrete road base (40mm nominal size) to Clause 903.
 6. 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).
 7. Clause 808 or Cement Bound Granular Material surface to be sprayed per clause 920 prior to application of Asphalt Concrete Layer.
 8. 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.
 9. Joints sealed with hot bitumen and topped with fine sand/grit to get a minimum 55 skid resistance value as determined by the Portable Skid Resistance Pendulum used in accordance with Road Note 27 and shall not exceed 3mm depth and 50mm width or other method approved by the road authority.
 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.
 12. Cycle lane to be reinstated to match existing surfaces (where applicable). (See Guidelines for Managing Openings in Public Roads Ch5.)
 13. Any damaged area adjacent to the opening and resulting from the excavation operation shall be included within the area to be reinstated.
 14. All reinstatement works are to be in accordance with local area engineer's requirements and guidelines for managing openings in public roads
 15. This drawing is to be read in conjunction with relevant drawings, specifications and reports.
 16. Dimensions are in millimeters, unless noted otherwise. Drawings are not to be scaled. Use figured dimensions only.
 17. The contractor shall provide test certificates confirming that the thermal resistivity of CGBM is maximum 1K.m/W.
 18. Only 1 no. ESB Comms duct may be required if ESB specify.

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

TOP 40mm TO BE PLANED ONCE GROUND SETTLED AFTER 6 MONTHS.

- 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 Permanent Reinstatement of Longitudinal Opening in Heavily Trafficked/Regional Roadway

SCALE 1:10



Head Office
Beenreigh,
Abbeydorney,
Tralee, Co. Kerry
Ireland
Tel: 00353 66 7135710

CLIENT
FuturEnergy Ireland

PROJECT
Scart Mountain Wind Farm
110 kV Grid Connection
PROJECT NUMBER
05-854
SHEET NUMBER
05854-DR-205

SHEET TITLE
110 kV Cable Ducts in Local Road
Permanent Reinstatement to SD6
DRAWING STATUS
For Planning

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