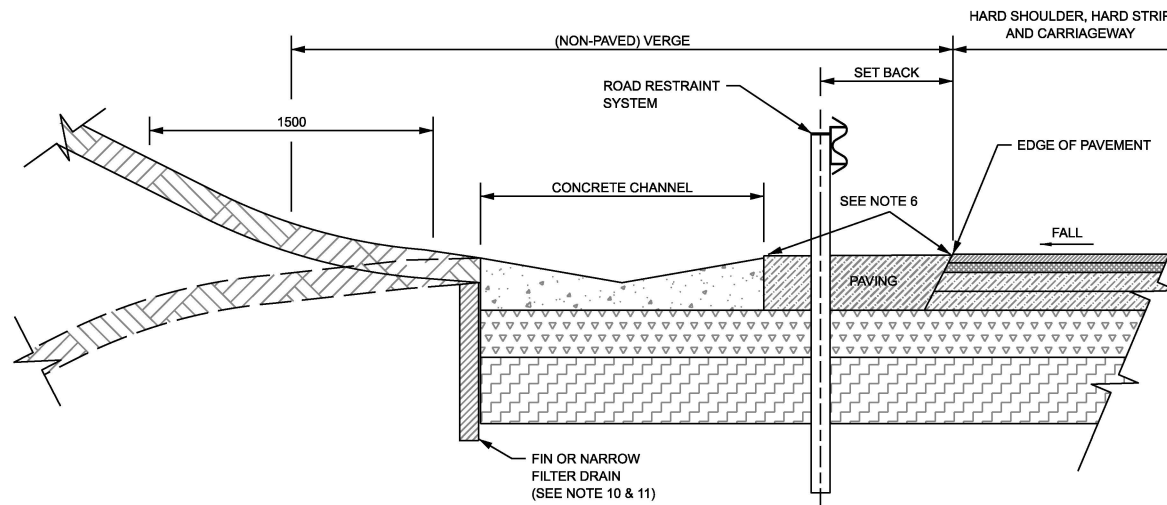


SURFACE WATER CHANNEL WITHOUT PROTECTION







NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. THESE DETAILS APPLY TO FULLY FLEXIBLE AND FLEXIBLE COMPOSITE CARRIAGEWAYS.
3. PAVING BETWEEN THE SURFACE WATER CHANNEL AND THE HARD SHOULDER, HARD STRIP OR CARRIAGEWAY SHALL BE AS DESCRIBED IN APPENDIX 5/3 OR SHOWN ON THE DRAWINGS.
4. DIMENSIONS OF CONCRETE CHANNEL SHALL BE AS DESCRIBED IN APPENDIX 5/3. GENERAL CRITERIA FOR CHANNEL REQUIRING ROAD RESTRAINT SYSTEM PROTECTION IS THAT CHANNEL DEPTH EXCEEDS 150mm OR THAT CROSS-FALLS EXCEED 1:4. WHERE USED IN CONJUNCTION WITH A THIN SURFACING THE UNDER DRAINAGE DETAIL SHOWN IN CC-SCD-00543 SHALL APPLY IN FULL.
5. NOTWITHSTANDING OTHER TOLERANCES IN THE SPECIFICATION, THE FINISHED LEVEL OF THE CHANNEL SHALL NOT BE HIGHER NOR MORE THAN 10mm LOWER THAN THE FINISHED LEVEL OF THE ADJACENT CARRIAGEWAY.
6. NOTWITHSTANDING OTHER TOLERANCES IN THE SPECIFICATION, THE FINISHED LEVEL OF THE CHANNEL SHALL NOT BE HIGHER THAN THE FINISHED LEVEL OF THE ADJACENT PAVING. SIMILARLY, THE FINISHED LEVEL OF THE PAVING SHALL NOT BE HIGHER THAN THE FINISHED LEVEL OF THE ADJACENT HARD SHOULDER, HARD STRIP, OR CARRIAGEWAY. THE MAXIMUM DROP AT THE EDGE OF ROAD PAVEMENT SHALL BE IN ACCORDANCE WITH CC-SCD-00701.
7. ROAD RESTRAINT SYSTEMS TO BE AS SHOWN ON THE DRAWINGS AND SCHEDULED IN APPENDIX 4/1.
8. ROUNDING OCCURS OVER A 1500mm LENGTH, 750mm EITHER SIDE OF INTERSECTION BETWEEN VERGE AND BATTER.
9. PERMITTED VERGE-SIDE EDGE DRAINAGE OPTIONS ARE INDICATED IN DN-DNG-03022 FIGURE 3.1
10. ON EMBANKMENTS, EXTENSION OF CAPPING LAYER IN ACCORDANCE WITH CC-SCD-00105 IS ACCEPTABLE IN LIEU OF FIN OR NARROW FILTER DRAIN WHERE BASE OF CAPPING CAN BE EXTENDED TO THE EDGE OF EMBANKMENT ABOVE ADJACENT GROUND LEVEL.
11. A FILTER DRAIN MAY BE REQUIRED IN LIEU OF FIN OR NARROW FILTER DRAIN WHERE THESE DO NOT HAVE SUFFICIENT CAPACITY FOR SUBSURFACE DRAINAGE.





SURFACE WATER CHANNEL WITH PROTECTION

KEY :

-  SURFACE COURSE
-  BINDER
-  BASE COURSE
-  SUB BASE
-  CAPPING 6F
-  TOPSOIL

NOT TO SCALE

 <p>Bonneagar Iompair Éireann Transport Infrastructure Ireland</p>	<p>ACTIVITY</p>  <p>Construction & Commissioning</p>	<p>PUBLICATION TITLE</p> <p>EDGE OF PAVEMENT DETAILS CARRIAGEWAY IN CUTTING OR ON EMBANKMENT NEARSIDE VERGE DETAIL WITH SURFACE WATER CHANNEL</p>								
	<p>STREAM</p> <p>STANDARD CONSTRUCTION DETAILS (SCD)</p>	<p>HISTORICAL REFERENCE</p> <p>RCD/100/3</p>	<p>DOCUMENTATION SET</p> <p>STANDARDS</p>	<p>PUBLICATION DATE</p> <p>FEBRUARY 2024</p>	<p>PUBLICATION NUMBER</p> <table border="1"> <tr> <td>ACTIVITY</td> <td>STREAM</td> <td>DRAWING NUMBER</td> </tr> <tr> <td>CC</td> <td>SCD</td> <td>00103</td> </tr> </table>	ACTIVITY	STREAM	DRAWING NUMBER	CC	SCD
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