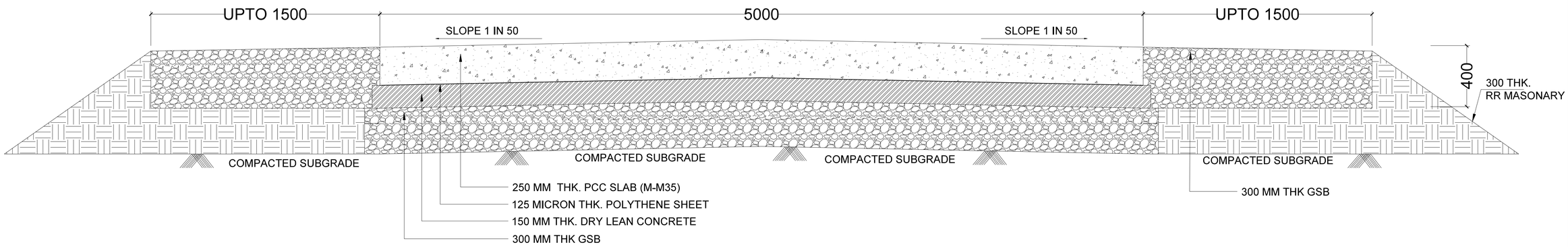
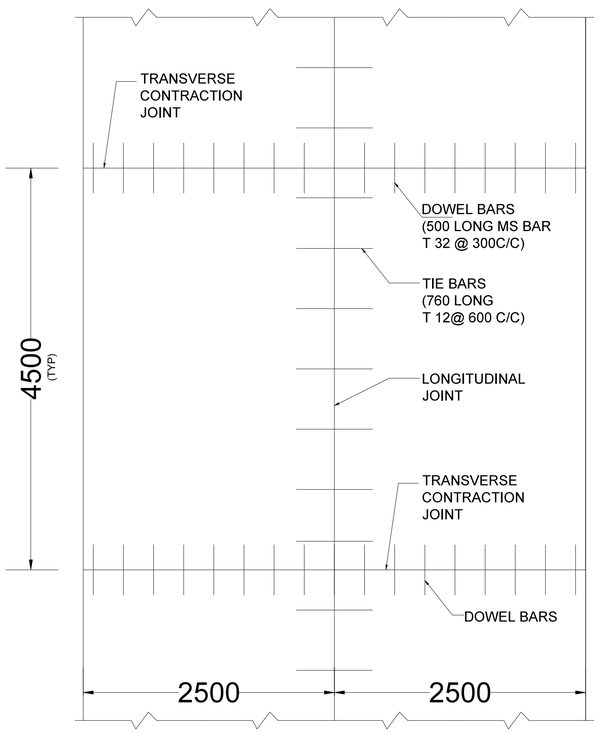


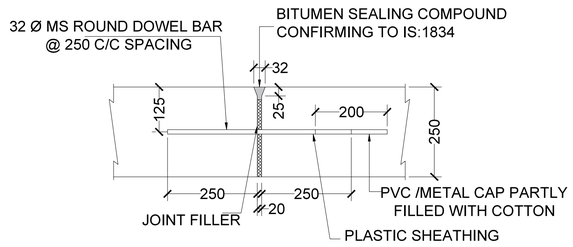
CROSS SECTION DETAILS OF ROAD 5M

NOTE:-

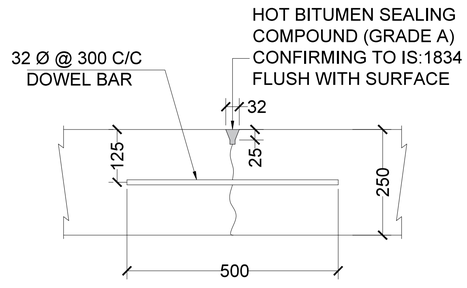
1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METERS.
2. EXPANSION JOINT SHALL BE PROVIDED AT CULVERT ABUTMENTS AND AT EVERY 30M.
3. GRADE OF CONCRETE SHALL BE M35 FOR PQC SLAB.
4. 125 MICRON THICK POLYTHENE SHEET SHALL BE LAID AS PER IRC. 15-2011.
5. SEALING COMPOUND SHALL BE AS PER IRC:15-2011 AND MORTH SPECIFICATION.
6. LONGITUDINAL SLOPE OF ROAD SHALL NOT BE MORE THAN 1V:30H.
7. BEFORE PLACING THE SEPARATION. THE SUB BASE SHALL BE SWEPT CLEAN OF ALL THE EXTRANEOUS MATERIALS USING AIR COMPRESSOR.
8. OVERLAP OF SEPARATION MEMBRANE SHALL BE MINIMUM 300MM. BEFORE PLACING THE SEPARATION MEMBRANE THE EXISTING DLC SHALL BE WETTED WITH WATER.



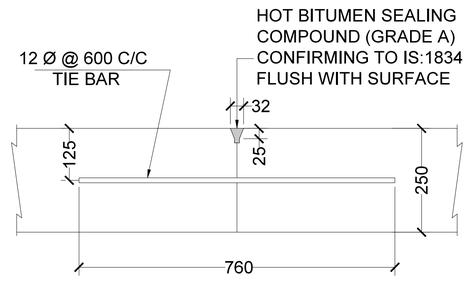
DETAILS OF JOINTS IN ROADS 5M



TYP. DETAIL OF EXPANSION JOINT



TYP. DETAIL OF CONTRACTION JOINT (SPACING @ 4.5M C/C)



TYP. LONGITUDINAL JOINT DETAILS

REVIEWED BY:-	APPROVED BY:-

DATE:- 17/11/2025

BHARTIYA RAIL BIJLEE COMPANY LTD.

NTPC LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
ENGINEERING DIVISION

PROJECT: NABINAGAR THERMAL POWER PROJECT (4X250MW)

TITLE: PQC CONCRETE ROAD

SIZE	SCALE	DRG. NO.	REV. NO.
A2	NTS	BRBCL/FES/2025/PQC CONCRETE ROAD	0