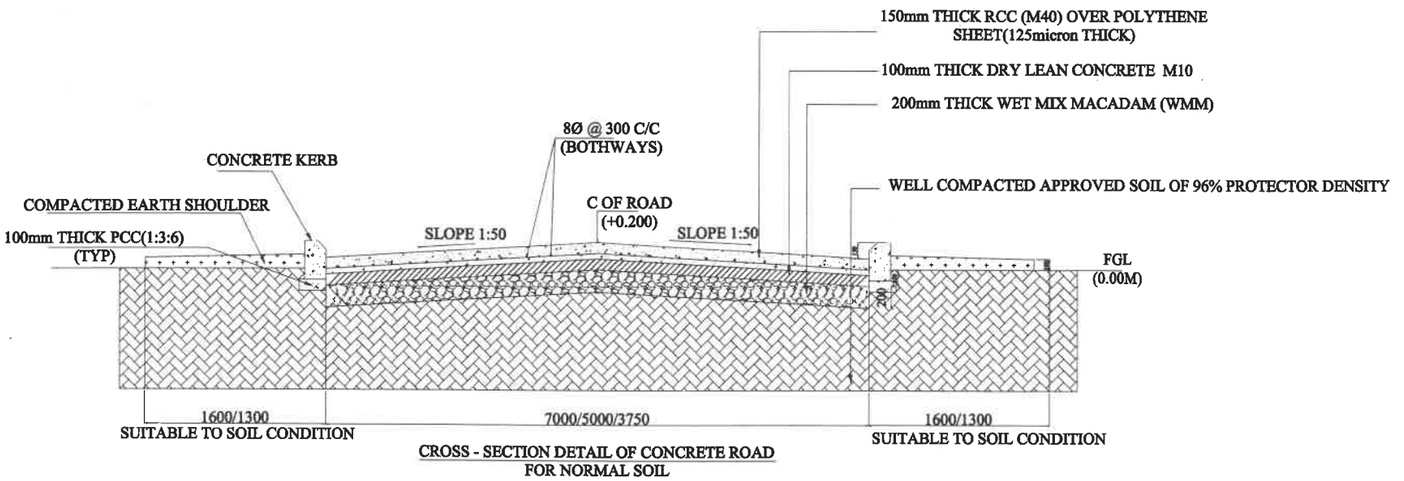
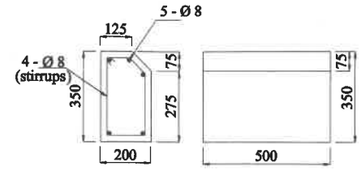
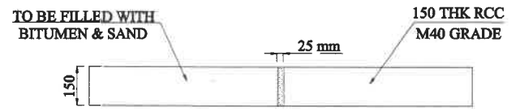


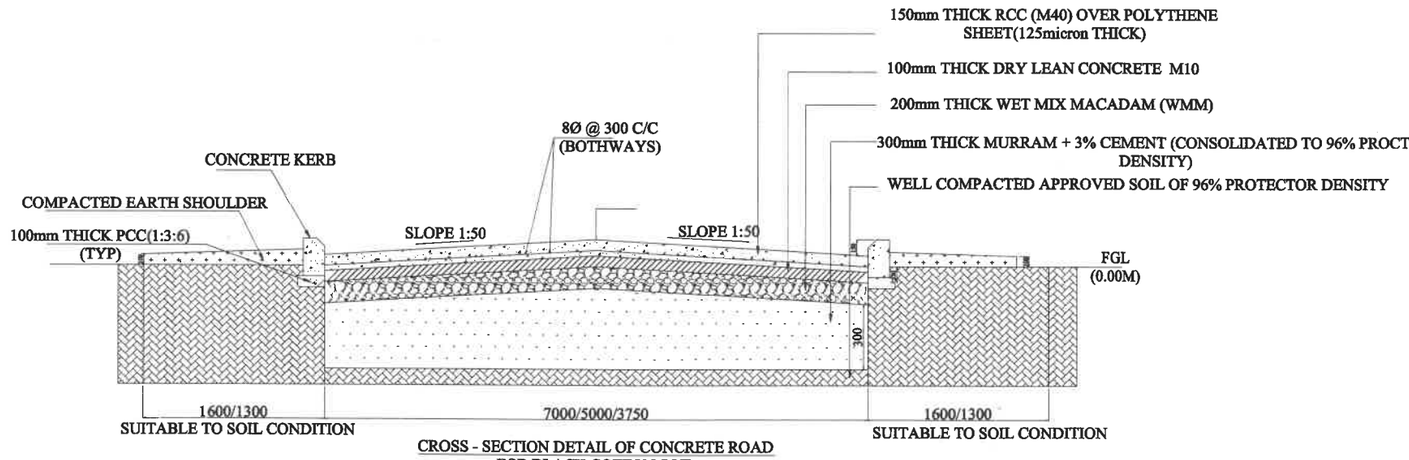
CROSS - SECTION DETAIL OF CONCRETE ROAD
FOR NORMAL SOIL



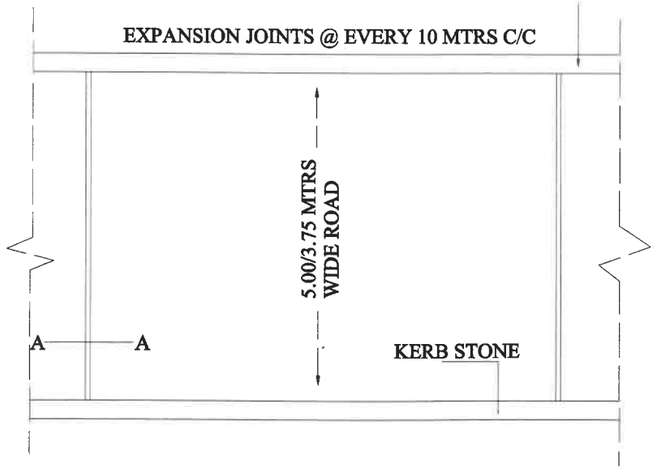
DETAIL OF KERB
(200x350x500)



SECTION A - A
(DETAIL OF GROOVE CUT)



CROSS - SECTION DETAIL OF CONCRETE ROAD
FOR BLACK COTTON SOIL



NOTES :-

1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE OUT THIS THIS DRG. FOLLOW ONLY THE WRITTEN DIMENSIONS.
3. SUITABLE VERTICAL CURVES SHALL BE PROVIDED AT THE CHANGE OF GRADE OF ROAD ELEVATION.
4. THE SIDE SHOULDER ON BOTH SIDES OF THE ROADS SHALL BE PROPERLY COMPACTED & DRESSED TO THE SPECIFIED SLOPES.
5. IN CASE OF EMBANKMENT THE FORMATION SHALL BE MADE IN LAYERS OF 200MM AND THE EARTH SHALL BE COMPACTED WITH THE ROAD ROLLER TO 96% PROCTOR DENSITY.
6. NECESSARY SUPER ELEVATION SHALL BE PROVIDED AT ALL BENDS CORRESPONDING TO A MAXIMUM SPEED OF 40KM/HOUR.
7. EARTH FROM CUTTING SHALL BE DIRECTLY USED FOR EMBANKMENT TO MAXIMUM EXTENT POSSIBLE.
8. LONGITUDINAL SLOPES IN ROADS SHALL NOT BE STEEPER THAN 1:100.
9. ALL DETAILS SHALL CONFORM TO TECHNICAL SPECIFICATION.
10. KERB STONES (CONCRETE) SHALL BE 200MM THICK & 350 DEEP M20 GRADE.
11. KERB STONES SHALL BE PAINTED AS PER SPECIFICATION.
12. PVC PIPE WEEP HOLES SHALL BE PROVIDED ALONG ROAD AT EVERY 5M INTERVAL.
13. EXPANSION JOINTS,CONSTRUCTION JOINTS,CONTRACTION JOINTS,TRANSVERSE JOINTS SHALL BE. PROVIDED AS PER IRC 57-2018
14. SHOULDERS TO BE PROVIDED FOR 400/220 KV SUB STATION.IN CASE OF 110&66KV ONLY WHERE SUFFICIENT SPACE IS AVAILABLE.
15. GRADE OF STEEL IS Fe 550.

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

DETAILS OF RCC CONCRETE ROAD

SHEET: 1 OF 1

DRG NO: CEE (P&C)/SEC/EEC/22-23/RCC ROAD

AEE(CIVIL)	EE(CIVIL)	SE(CIVIL)	CEE (P&C)