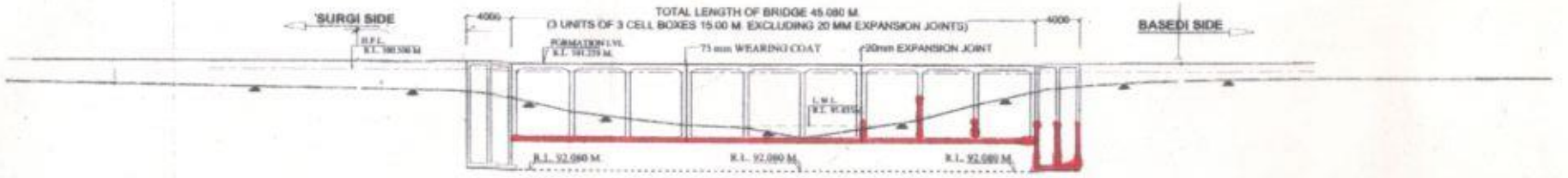
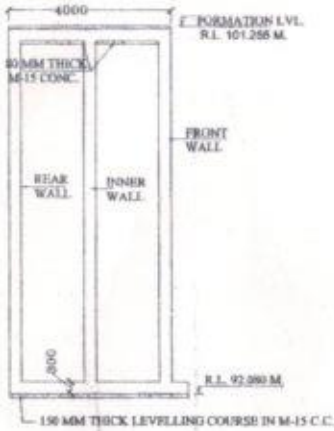
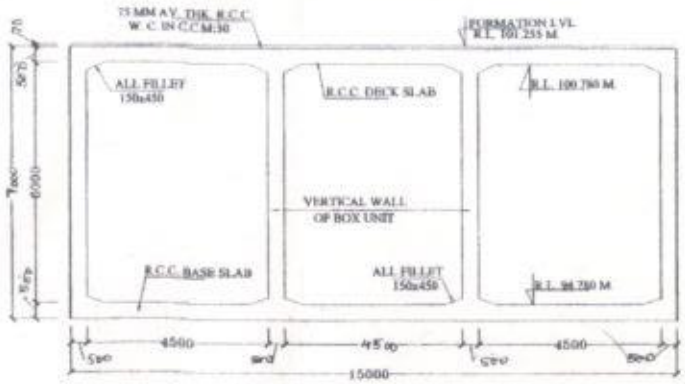


G.L. IN METER	99.285	99.129	98.950	98.780	98.640	98.195	96.998	96.430	95.870	95.683	94.780	95.568	96.375	97.730	98.880	99.330	99.610	99.760	99.870	99.900	99.940
CHAINAGE IN M.	0+090	0+100	0+110	0+120		0+130	0+140	0+150	0+160	0+170	0+180	0+190	0+200	0+210	0+220						

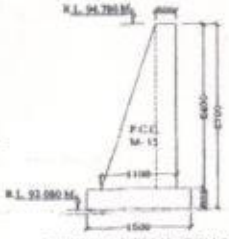
SECTIONAL ELEVATION OF BRIDGE



ELEVATION OF ABUTMENT



R.C.C. THREE CELL BOX UNIT

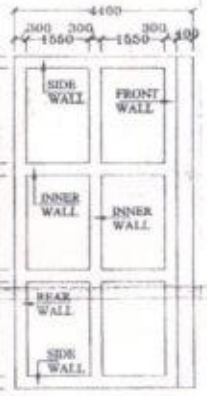


SECTIONAL ELEVATION OF CUTOFF WALL

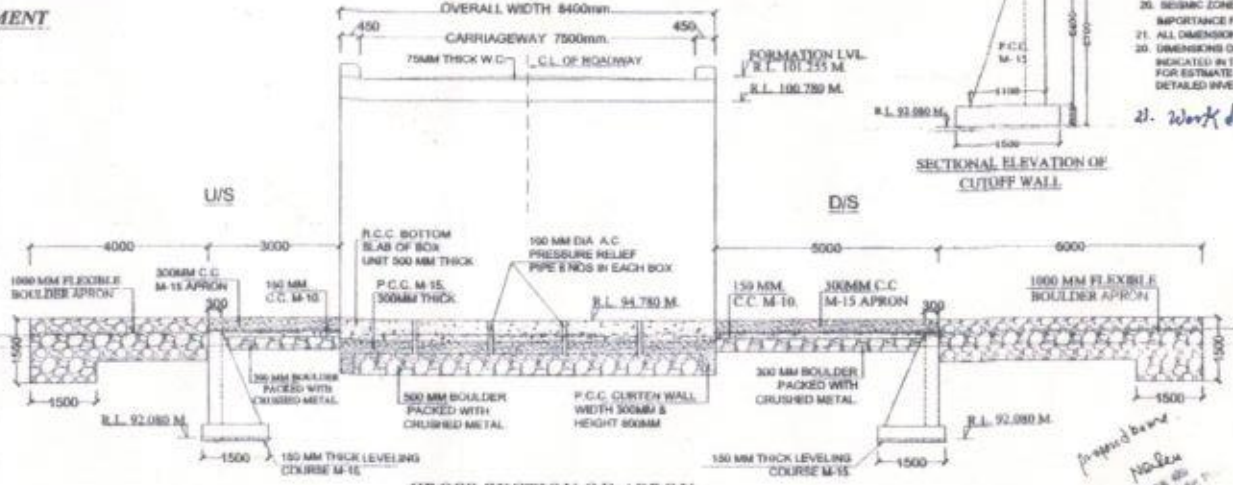
NOTES :-

1. TYPE OF BRIDGE : SUBMERSIBLE BRIDGE
2. LENGTH OF BRIDGE : 45.080 Mts. (3 NO. R.C.C. BOX UNITS OF 15.00 EACH + 4 NO. EXP. JOINT OF 20 MM. EACH.)
3. OVER ALL WIDTH : 8.400 M.
4. CLEAR CARRIAGE WAY : 7.50 M.
5. FORMATION LEVEL : R.L. 101.255 M.
6. L.W.L. : R.L. 99.835 M
7. H.F.L. / O.F.L. : R.L. 100.500 M. / R.L. ..... M.
8. S.B.C. : 20.00 T/Sqm
9. CATCHMENT AREA : 49.57 SQKM.
10. DESIGN DISCHARGE : 455.42 CUMEC
11. DESIGN VELOCITY : 1.284 M/Sec
12. TYPE OF FOUNDATION : FLOATING TYPE
13. TYPE OF SUB-STRUCTURE
    A) BOX UNITS : R.C.C. BOX UNITS M : 30
    B) ABUTMENT : R.C.C. BOX TYPE M : 30
14. FOUNDATION LEVEL / STRATA
    A. ABUTMENT : R.L. 92.080 M.
    B. CUTOFF WALL : R.L. 92.080 M.
15. RAILING : PIPE RAILING AS PER STD. DRG.
16. WEARING COAT : R.C.C. WEARING COAT AS PER M.O.R.T.& H.STD. DRG.
17. EXPANSION JOINTS : COMPRESSIBLE FIBER BOARD AS PER M.O.R.T. & H. STD.
18. SPECIFICATIONS : AS PER M.O.R.T. & H. & IRC SPECIFICATIONS
19. DESIGN LOADING : IRC CLASS AA ONE LANE + 70R OR IRC CLASS A TWO LANE WHICH EVER PRODUCES SEVERE EFFECT.
20. SEISMIC ZONE & IMPORTANCE FACTOR : ZONE II, IMPORTANCE FACTOR ONE.
21. ALL DIMENSIONS ARE IN MM & R.L. ARE IN Mtr.
20. DIMENSIONS OF DIFFERENT ELEMENTS AND FOUNDATION LEVELS ETC. INDICATED IN THIS DRAWING ARE TENTATIVE AND FOR ESTIMATE PURPOSE ONLY THIS MAY VARY AFTER DETAILED INVESTIGATION / DESIGN.

21. Work done –



PLAN OF ABUTMENT



CROSS SECTION OF APRON

CHECKED BY	CHECKED BY	CHECKED BY	APPROVED BY
A.E. (D)	E.E. (D)	S.E. (D)	C.E.

CLIENT	OFFICE OF THE CHIEF ENGINEER P.W.D. BRIDGE CONSTRUCTION ZONE BHOPAL
PROJECT	CONSTRUCTION OF BOX TYPE SUBMARSSIBILE BRIDGE UNDER JANPAD KARELI ACROSS BARUREWA RIVER ON SURGI - BASEDI ROAD IN DIST. - NARSINGHPUR
TITLE	GENERAL ARRANGEMENT DRAWING
DATE	26-12-2012 DRG. NO. C-JPR-237

S/E

SDO

Executive Engineer
P.W.D. Bridge Construction
Division, Jabalpur

Signature Not Verified
Digitally signed by SANJAY KUMAR
Date: .. :: IST
Location: Madhya Pradesh-MP