



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|---|---|
| NOTES :- | |
| 01. TYPE OF BRIDGE | - HIGH LEVEL BRIDGE |
| 02. LENGTH OF BRIDGE | - 120.000M (06 SPAN @ 20.00 M EACH+ 2 ABT 7.50M. EACH) |
| 03. OVERALL WIDTH | - 8.400 M. |
| 04. CLEAR WIDTH | - 7.500 M. |
| 05. FORMATION LEVEL | - R.L. 100.775 M. |
| 06. H.F.L | - R.L. 97.200 M. |
| 07. SOFFIT LEVEL | - R.L. 98.700 M. |
| 08. L.B.L | - R.L. 92.850 M. |
| 09. LOWEST WATER LEVEL | - DRY IN SUMMER |
| 10. KATCHMENT AREA | - 177.00 SQ. KM. |
| 11. DESIGN VELOCITY | - 1.94 M/SEC. |
| 12. DESIGN DISCHARGE | - 1446.58 CUMEC. |
| 13. TYPE OF FOUNDATION | - FRICTION PILE FOUNDATION . |
| 14. SCOUR LEVEL | - FOR PIER -R.L.82.540 M
ABUTMENT -R.L.87.890 M |
| 15. FOUNDATION LEVEL | -PIER P1- R.L. 65.540 M P2- R.L. 65.540 M
-PIER P3- R.L. 65.540 M P4- R.L. 65.540 M
-PIER P5- R.L. 65.540 M. |
| | ABUTMENT A1- R.L. 70.890 M. & A2 - R.L.70.890 M |
| 16. TYPE OF SUB-STRUCTURE | - PIER- R.C.C. SOLID CIRCULAR
ABUTMENT -R.C.C. WALL TYPE |
| 17. TYPE OF SUPER STRUCTURE | - R.C.C. T-BEAM SLAB |
| 18. TYPE OF BEARING | - POT P.T.F.E. BEARING |
| 19. DESIGN LOADING | - <i>Live loads - One lane of class 40 ROR
Two lane for class A which ever
produces severe effects as per IRC 6-2017.</i> |
| 20. WEARING COAT | - 75 MM THICK C.C. WEARING COAT. |
| 21. EXPANSION JOINT | - STRIP SEAL TYPE EXPANSION JOINT. |
| 22. RAILING | - R.C.C. CRASH BARRIER AS PER STD. DRAWING |
| 23. DRAINAGE SPOUT, KERB, NAME PLATE ETC. AS PER STANDARD DRAWING & MORTH TECHNICAL SPECIFICATIONS. | |
| 24. ALL DIMENSIONS ARE IN MM AND RL'S IN METER UNLESS OTHERWISE SPECIFIED. | |
| 25. 6 MM. THICK PERMANENT M.S. LINER BELOW SCOUR UP TO GIVEN LEVEL. | |
| 26. S.B.C. OF FOUNDATION STRATA - FRICTION PILE
C=0 , $\theta=30^\circ$ VALUE OF N=50 | |
| 27. THIS DRAWING IS FOR ESTIMATE PURPOSE ONLY REFER SEPARATE DRAWING FOR EXECUTION OF WORK. | |

			
S.D.O.	E.E.	S.E.	21/12/24
<p align="center">OFFICE OF THE EXECUTIVE ENGINEER PWD BRIDGE CONSTRUCTION DIVISION, RAIPUR, (C.G.)</p>			
PROJECT -			
<p align="center">CONSTRUCTION OF HIGH LEVEL BRIDGE I/C APPROACH ACROSS SATI NALLA ON JOBA TO KHARTA APPROACH ROAD</p>			
TITLE	GENERAL ARRANGEMENT DRAWING		
DRAWN BY		SCALE	NTS
	DRG..NO. 02/SATI NALLA	DATE	