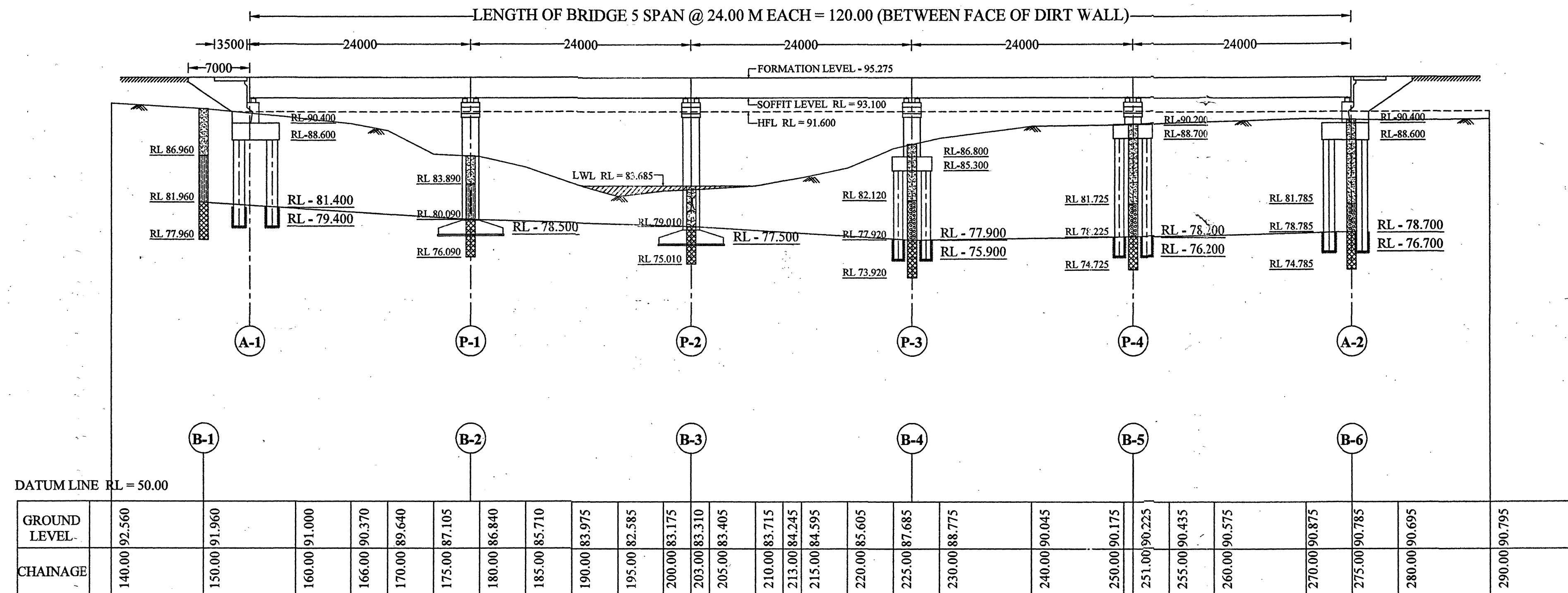


BURGUM SIDE

SAMELI SIDE

LENGTH OF BRIDGE 5 SPAN @ 24.00 M EACH = 120.00 (BETWEEN FACE OF DIRT WALL)



NOTES

1. TYPE OF BRIDGE - HIGH LEVEL BRIDGE
2. LENGTH OF BRIDGE - 120.00 M BETWEEN FACE OF DIRT WALL
3. OVER ALL WIDTH OF BRIDGE - 8.40 M.
4. CARRIAGE WAY - 7.50 M
5. FORMATION LEVEL - RL 95.275 M
6. SOFFIT LEVEL - RL 93.100 M ✓
7. H.F.L. - RL 91.600 M ✓
8. L.W.L. - RL 83.685 M ✓
9. L.B.L. - RL 82.585 M ✓
10. CATCHMENT AREA - 141.162 SQKM ✓
11. DESIGN DISCHARGE - 1047.14 CUMEC ✓
12. DESIGN VELOCITY - 2.33 M/sec ✓
13. SCOUR LEVEL AT PIER - RL 81.650 M OR ROCK LEVEL
14. SCOUR LEVEL AT ABUT. - RL 85.280 M OR ROCK LEVEL
15. FOUNDATION LEVEL - A-1 RL 79.400, A-2 RL 76.700
P-1 RL 78.500, P-2 RL 77.500,
P-3 RL 75.900, P-4 RL 76.200
16. TYPE OF FOUNDATION - PILE & OPEN FOUNDATION.
17. TYPE OF SUB STRUCTURE - R.C.C. SOLID CIRCULAR
18. TYPE OF SUPER STRUCTURE - R.C.C. T-BEAM & SLAB
19. TYPE OF RAILING - R.C.C. CRASH BARRIER AS PER MORT&H
20. TYPE OF APPROACH SLAB - R.C.C. M30 GRADE
21. TYPE OF WEARING COAT - 75 MM THICK R.C.C. M-30
22. TYPE OF EXPANSION JOINT - STRIP SEAL EXPANSION JOINTS
23. TYPE OF BEARING - ELASTOMERIC BEARING
24. TYPE OF NAME PLATE - GRANITE PLATE
25. DESIGN LOADING - ONE LANE OF CLASS 70R OR TWO
LANE OF CLASS "A" LOADING
WHICHEVER IS SEVERE EFFECT.
26. SAFE BEARING CAPACITY - 50 T/M² ✓

CERTIFICATE :-

This is certified that the boring result shown above is correct.

S/E

S.D.O.

E.E.

S.D.O.	E.E.	S.E.	C.E.
OFFICE OF THE CHIEF ENGINEER PWD BRIDGE CONSTRUCTION ZONE - RAIPUR (C.G.)			
PROJECT :-	CONSTRUCTION OF HIGH LEVEL BRIDGE I/C APPROACHES ACROSS MALGER RIVER IN KM. 3/6 ON BURGUM TO SAMELI ROAD.		
DRAWN BY	GENERAL ARRANGEMENT DRAWING		
DRAWING NO.	DATE: 9-2-2024		

