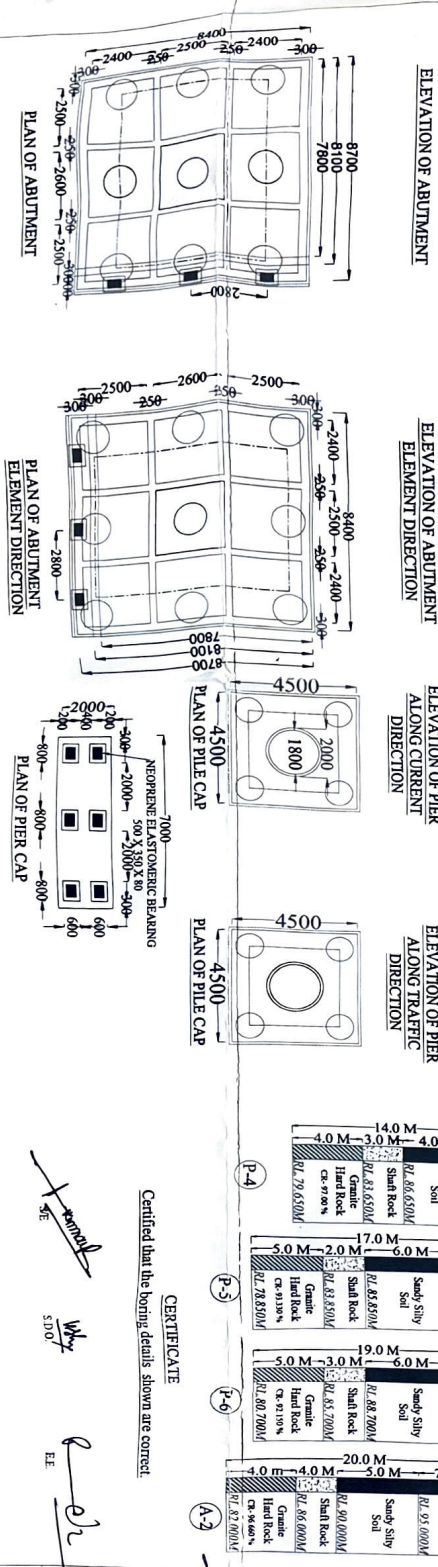
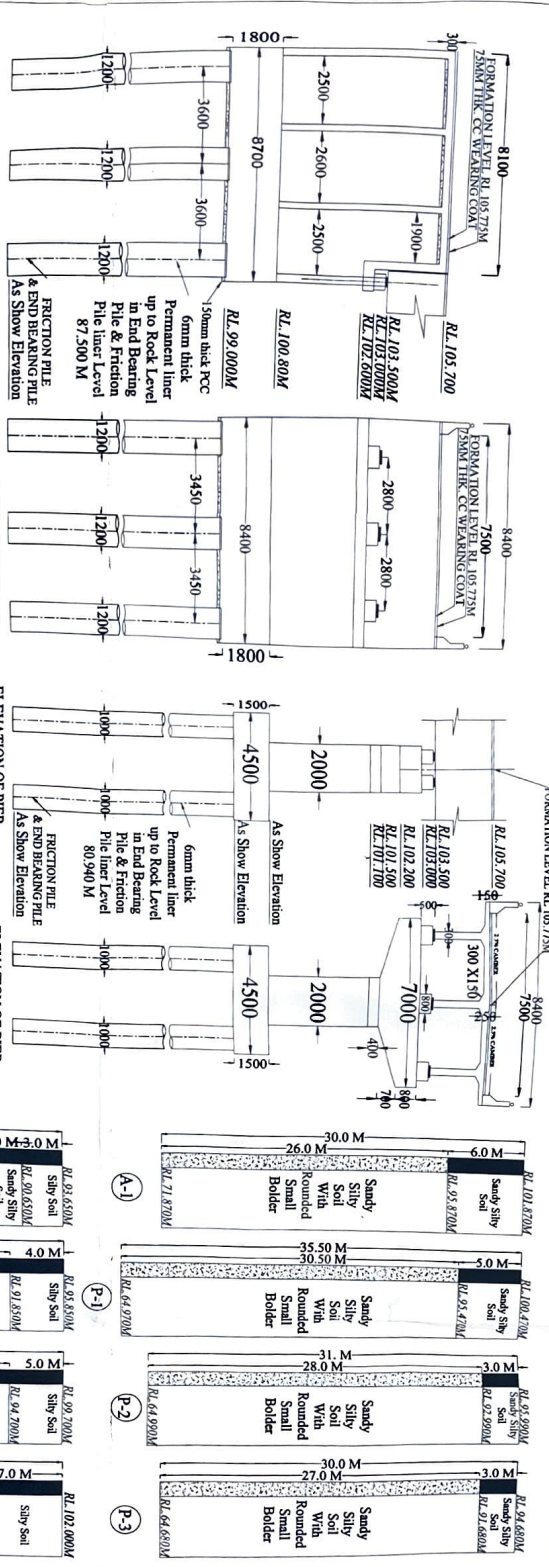
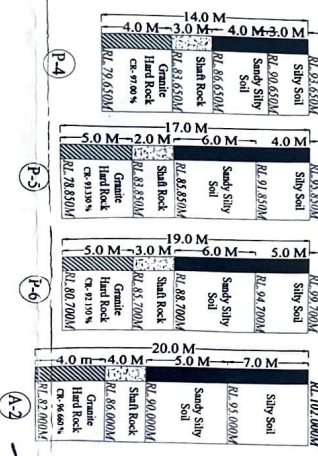


CHAINAGE	GROUND LEVEL	FORMATION LEVEL
210.00	102.00	100.870
215.00	100.870	
225.00	100.850	
240.00	100.470	
255.00	97.450	
265.00	95.990	
270.00	95.960	
285.00	94.670	
290.00	94.680	
300.00	94.750	
315.00	93.650	
330.00	95.630	
340.00	95.850	
345.00	96.010	
360.00	99.650	
365.00	99.700	
375.00	100.750	
390.00	102.000	
CHAINAGE	GROUND LEVEL	FORMATION LEVEL



CERTIFICATE  
Certified that the boring details shown are correct.



PROJECT:-  
BARDIA RIVER IN KM-1/8 ON PALNA - BANGOL ROAD.

DRAWN BY  
DATE:

OFFICE OF THE CHIEF ENGINEER  
P.W.D. BRIDGE CONSTRUCTION ZONE RAPUR (C.G.)  
CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS  
BARDIA RIVER IN KM-1/8 ON PALNA - BANGOL ROAD.

NOTES	
1	TYPE OF BRIDGE
2	LENGTH OF BRIDGE
3	OVER ALL WIDTH OF BRIDGE
4	CARROUGE WAY WIDTH OF BRIDGE
5	FORMATION LEVEL
6	SOFT LEVEL
7	H.F.L.
8	L.W.L.
9	L.B.L.
10	CATCHMENT AREA
11	DESIGN DISCHARGE
12	DESIGN VELOCITY
13	SCOUR LEVEL AT PIER
14	SCOUR LEVEL AT ABUT.
15	FOUNDATION LEVEL
16	STEEL LINER LEVEL
17	TYPE OF FOUNDATION
18	TYPE OF SUB STRUCTURE
19	TYPE OF SUPER STRUCTURE
20	TYPE OF RAILING
21	TYPE OF BEARING
22	TYPE OF APPROACH SLAB
23	TYPE OF WEARING COAT
24	TYPE OF EXPANSION JOINT
25	TYPE OF NAME PLATE
26	DESIGN LOADING
27	VALUE OF C
28	VALUE OF D
29	SAFE BEARING CAPACITY



AGRICULTURE  
LAND

AGRICULTURE  
LAND



250 M U/S

PALNA SIDE

AGRICULTURE  
LAND

PROPOSED BRIDGE  
ALIGNMENT  
L=150.00M

Latitude-19.743056  
Longitude-81.456772

Latitude-19.742719  
Longitude-81.458211

BANGOLI SIDE

AGRICULTURE  
LAND

AGRICULTURE  
LAND

250 M D/S

EX.ROAD/BRIDGE  
BEARING

POINT	BEARING	DISTANCE
1-2	104°	30 M
2-3	107°	60 M
3-4	108°	65 M
4-5	104°	60 M
5-6	99°	45 M
6-A	103°	40 M
A-B	102°	150 M
B-7	99°	45 M
7-8	97°	60 M
8-9	99°	65 M
9-10	100°	50 M
10-11	104°	55 M

U/S RIVER BEARING

POINT	BEARING	DISTANCE
0-a	31°	65 M
a-b	37°	65 M
b-c	16°	75 M
c-d	11°	70 M
d-e	07°	50 M

D/S RIVER BEARING

POINT	BEARING	DISTANCE
0-a'	204°	65 M
a'-b'	188°	75 M
b'-c'	151°	70 M
c'-d'	127°	100 M
d'-e'	129°	60 M

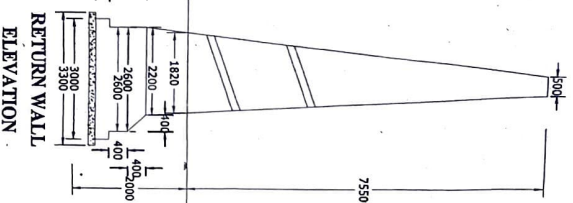
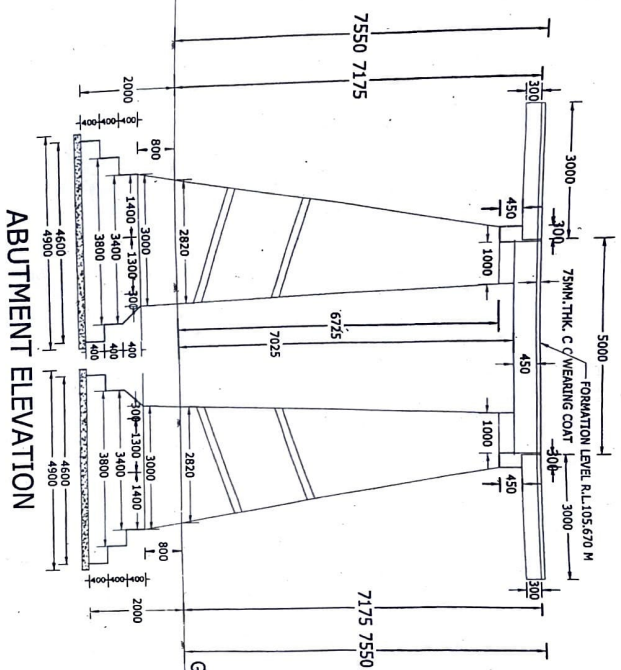
S.D.O. *[Signature]* E.E. *[Signature]* S.E. *[Signature]*

OFFICE OF THE EXECUTIVE ENGINEER  
P.W.D. BRIDGE CONSTRUCTION DIVISION, KANER (C.G.)

PROJECT:-  
CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS  
BARDA RIVER KM 1/8 ON PALNA - BANGOLI ROAD.

DRAWN BY:- *[Signature]* TITLE:- SITE PLAN

DRG NO.:- *[Signature]* DATE :-

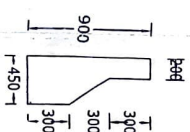


25000

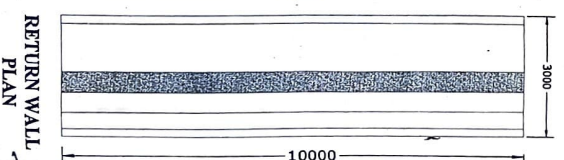
# ABUTMENT ELEVATION

# RETURN WALL ELEVATION

NOTES	
1	TYPE OF C.D. WORK
2	SPAN ARRANGEMENT
3	FORMATION LEVEL
4	WEARING COAT
5	RAILING
6	OVERALL WIDTH
7	CLEAR WIDTH
8	GROUND LEVEL
9	CHANGE
	SLAB CULVERT
	ONE SPAN OF 5.00 M.
	R.L.105.670 M.
	C.C. REARING COAT
	R.C.C. CRASH BARRIER
	7.00 M
	98.120 M
	165 M

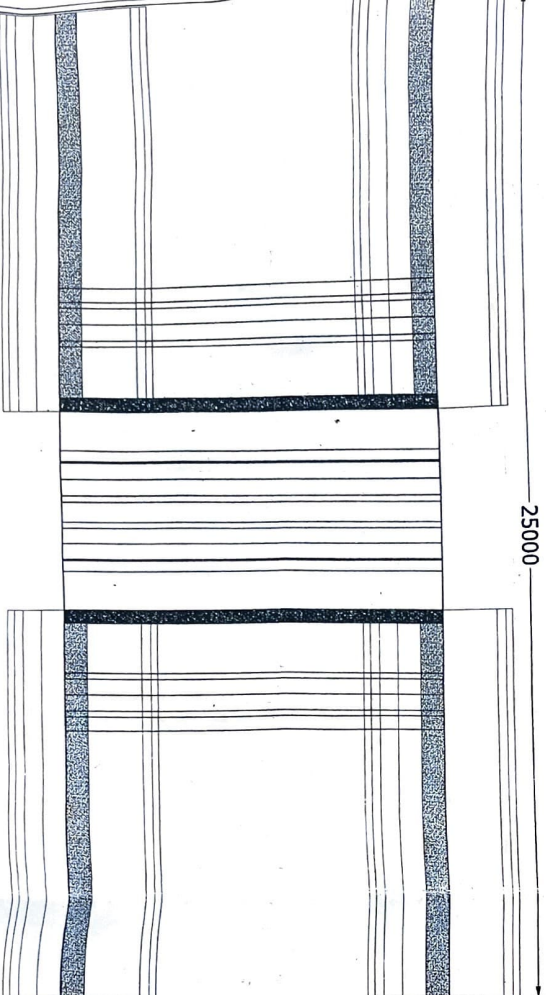


RCC CRASH BARRIER



# RETURN WALL PLAN

# ABUTMENT PLAN



<p><b>OFFICE OF THE EXECUTIVE ENGINEER</b> P.W.D. BRIDGE CONSTRUCTION DIVISION, KANKER, (C.G.)</p>	
<p><b>PROJECT</b> CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS BARDA RIVER IN KM-1/8 ON PALNA - BANGOLI ROAD.</p>	<p><b>TITLE :- CROSS DRAINAGE</b></p>
<p><b>DRAWN BY :-</b></p>	<p><b>DATE :-</b></p>
<p><b>S/E</b></p>	<p><b>S.D.O.</b></p>
<p><b>E.E.</b></p>	<p><b>E.E.</b></p>



PALNA SIDE

147.00 M

8.10 M

105.775M

8.10 M

97.00 M

147.00 M

BANGOLI SIDE

LENGTH 132.00M GRADIENT 1:37

LENGTH 82.00M GRADIENT 1:30.65

FORMATION LEVEL RL

DATUM LINE  
RL 70.00M

CROSS DRAINAGE

15.0 M IN STRAIGHT

RCC BOX TYPE  
ABUTMENT

LENGTH OF  
BRIDGE  
175.00 M

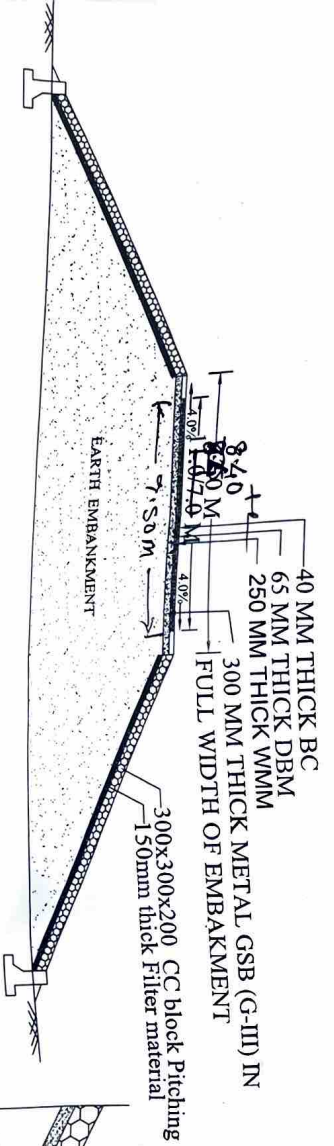
RCC BOX TYPE  
ABUTMENT

15.0 M IN STRAIGHT

DATUM LINE  
RL 70.00M

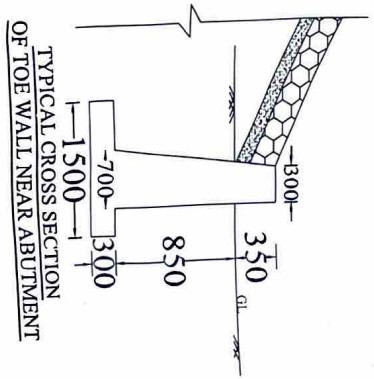
CHAINAGE	GROUND LEVEL	CHAINAGE	GROUND LEVEL
60.00	102.200	390.00	102.000
75.00	101.730	398.10	102.000
90.00	101.490	405.00	103.390
105.00	99.850	420.00	102.970
120.00	99.550	428.10	101.350
135.00	98.700	435.00	101.520
150.00	98.130	450.00	101.630
165.00	98.120	465.00	102.260
176.90	98.070	480.00	102.680
180.00	98.070	495.00	103.100
195.00	98.550		
206.90	102.00		
210.00	102.00		
215.00	100.870		

## L - SECTION OF ROAD

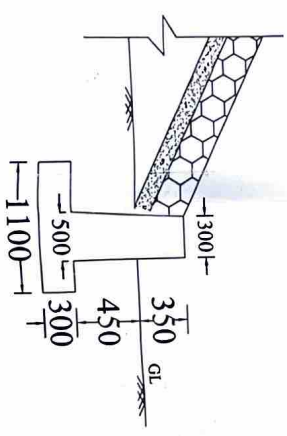


TYPICAL CROSS SECTION OF APPROACH ROAD IN FILLING

- NOTES:-
1. ROAD WIDTH IS 8.40 M
  2. CRUST WIDTH TO BOTH SIDE 15.0 M IN 7.50 M WIDTH. IN FURTHER 15.0 M BOTH SIDE CRUST WIDTH IS FLARED FROM 7.50 M TO 5.50 M AND REMAINING LENGTH CRUST WIDTH IS 5.50 M IN BOTH SIDE APPROACHES



TYPICAL CROSS SECTION  
OF TOE WALL



PROJECT		DRAWN BY:-	
CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS BARDA RIVER IN KM-1/8 ON PALNA - BANGOLI ROAD.		DRG NO. :-	
OFFICE OF THE EXECUTIVE ENGINEER P.W.D. BRIDGE CONSTRUCTION DIVISION, KANKER, (C.G.)		DATE :-	
S/E	S.D.O.	E.E.	