



**AT ABUTMENT A1**  
LATITUDE - 21°21'22" N  
LONGITUDE - 81°27'57" E

**AT ABUTMENT A2**  
LATITUDE - 21°21'25" N  
LONGITUDE - 81°27'58" E

**DETAILS OF CURVES**  
CURVE NO-1  
T= 20.00 M  
R= 92.00 M  
Ø= 28°

**DETAILS OF PROPOSED BRIDGE**  
LENGTH - 75.00 MTR + 2 X 7.00 M.  
CHAINAGE - 37.50 TO 37.50 M  
BEARING = 359°

TBM. RL. 100.00 M AT  
FORMATION OF EXISTING STOP  
DAM CUM RAFTA

Existing 6 Row- 900 Dia  
Pipe Stop Dam cum Rafta

PROPOSED ALIGNMENT  
(PROPOSED BRIDGE LENGTH =  
5 X 15.00 = 75.00M)

U/S

DETAILS			DETAILS		
STATION	LENGTH	BEARING	STATION	LENGTH	BEARING
TOWARDS DHAUR SIDE			TOWARDS MALPURIKHURD SIDE		
0-a	20.00	160°	0-A	30.00	340°
a-b	10.00	161°	A-B	10.00	351°
b-c	10.00	191°	B-C	60.00	0°
c-d	40.00	207°	C-D	50.00	356°
d-e	20.00	209°	D-E	80.00	357°
e-f	15.00	201°	E-F	103.00	358°
f-g	15.00	197°	DETAILS		
g-h	15.00	190°	STATION	LENGTH	BEARING
h-i	105.00	188°	TOWARDS D/S SIDE		
DETAILS			0-D1	30.00	70°
STATION	LENGTH	BEARING	D1-D2	30.00	40°
TOWARDS U/S SIDE			D2-D3	30.00	28°
0-U1	30.00	243°	D3-D4	30.00	22°
U1-U2	30.00	251°	D4-D5	30.00	20°
U2-U3	30.00	251°	D5-D6	150.00	64°
U3-U4	30.00	261°	D6-D7	30.00	41°
U4-U5	30.00	273°	D7-D8	30.00	52°
U5-U6	30.00	274°	D8-D9	30.00	74°
U6-U7	30.00	247°	D9-D10	30.00	87°
U7-U8	30.00	273°	D10-D11	30.00	92°
U8-U9	30.00	281°	D11-D12	50.00	93°
U9-U10	30.00	293°			
U10-U11	30.00	287°			
U11-U12	30.00	263°			
U12-U13	30.00	265°			
U13-U14	30.00	289°			
U14-U15	30.00	288°			
U15-U16	50.00	274°			

REV	SUPERINTENDING ENGINEER	<i>[Signature]</i>
	EXECUTIVE ENGINEER	<i>[Signature]</i>
	S.D.O.	<i>[Signature]</i>
<i>[Signature]</i> SUB ENGINEER	OFFICE OF THE CHIEF ENGINEER P.W.D. BRIDGE ZONE RAIPUR (C.G.)	
	CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS LOR NALA ON DHAUR TO MALPURIKHURD ROAD.	
SCALE - 1 : 10000	SITE PLAN	