

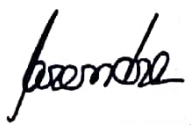
Diversion of 83.6241 Ha Forest for Rehabilitation and Upgrading to 4- Lane with paved shoulders configuration of Bilaspur- Katghora Section of NH-111 in the State of Chhattisgarh Pkg.-II(Km. 53+300 to Km 92+500)-Pathrapali to Katghora

Summary of Structures in proposed forest Land

Sl. No.	Type of Structure	No.
1	Minor Bridge	03
2	Box Culvert	29
3	LUP	3
4	LVUP	1

List of Proposed Minor Bridges in Forest Land

Sr. No.	Design Chainage (Km)	Proposed Span Arrangement (No. x Length)	Total length (m)	Proposed Structure Type	Remarks	New/Reconstruction
1	53+390	1X40	40	PSC GIRDER	6 Lane Minor Bridge	Reconstruction
2	83+740	1X40	40	PSC GIRDER	6 Lane Minor Bridge	Reconstruction
3	87+590	2X30	60	PSC GIRDER	6 Lane Minor Bridge	New


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List of Proposed Culvert in Forest Land

Sl. No.	Design Chainage (Km)	Type of Culvert	No. of Spans with Span Length(In m)
1	54+745	Box	1x2x2
2	55+700	Box	1x2x2
3	56+160	Box	1x2x2
4	56+320	Box	1x2x2
5	58+780	Box	1x2x2
6	61+000	Box	1x3x3
7	62+030	Box	1x2x2
8	62+350	Box	1x2x2
9	62+890	Box	1x3x3
10	63+540	Box	1x2x2
11	66+380	Box	1x2x2
12	66+960	Box	1x2x2
13	67+550	Box	1x2x2
14	68+115	Box	1x2x2
15	69+700	Box	1x2x2
16	69+780	Box	1x2x2
17	70+000	Box	1x2x2
18	71+040	Box	1x2x2
19	71+525	Box	1x2x2
20	71+950	Box	1x2x2



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Sl. No.	Design Chainage (Km)	Type of Culvert	No. of Spans with Span Length(In m)
21	74+490	Box	1x2x2
22	77+300	Box	1x2x2
23	79+810	Box	1x2x2
24	80+175	Box	1x2x2
25	80+275	Box	1x2x2
26	84+060	Box	1x2x2
27	89+380	Box	1x2x2
28	92+240	Box	1x2x2
29	92+330	Box	1x2x2

List of Proposed VUP's In Forest Land

Sl. No.	Design Ch.	Span Arrangement	Structure Type
1	80+800	1X12	VUP
2	89+065	1X12	VUP
3	91+200	1X12	VUP

List of Proposed LVUP's In Forest Land

Sl. No.	Design Ch.	Span Arrangement	Structure Type
1	56+680	1X12	LVUP


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