

LAYOUT OF DIFFERENT TYPES OF BEARINGS AND DESIGN VERTICAL LOAD

Bearing Notation	Type of Bearing	Abutment / Pier No.	Side w.r.t. C.L. of Pier	Bearings per Carriageway	No. of Carriageways	Total No. of Bearings	Vertical Load Capacity "t"
FR - 200	POT PTFE	A1	Hingoli	3	2	6	200.0
FX - 200	POT	P1	Hingoli	3	2	6	200.0
E - 150	Elastomeric	P1	Banda	5	2	10	150.0
E - 150	Elastomeric	P2	-----	5	2	10	150.0
E - 150	Elastomeric	P3	-----	5	2	10	150.0
E - 150	Elastomeric	P4	Hingoli	5	2	10	150.0
FR - 200	POT PTFE	P4	Banda	3	2	6	200.0
FX - 200	POT	P5	Hingoli	3	2	6	200.0
FX - 200	POT	P5	Banda	3	2	6	200.0
FR - 200	POT PTFE	P6	Hingoli	3	2	6	200.0
FR - 200	POT PTFE	P6	Banda	3	2	6	200.0
FR - 200	POT PTFE	P7	Hingoli	3	2	6	200.0
FR - 200	POT PTFE	P7	Banda	3	2	6	200.0
FX - 200	POT	P8	Hingoli	3	2	6	200.0
FX - 200	POT	P8	Banda	3	2	6	200.0
FR - 200	POT PTFE	P9	Hingoli	3	2	6	200.0
FR - 200	POT PTFE	P9	Banda	3	2	6	200.0
FR - 200	POT PTFE	P10	Hingoli	3	2	6	200.0
FR - 250	POT PTFE	P10	Banda	3	2	6	250.0
FX - 250	POT	P11	Hingoli	3	2	6	250.0
FR - 200	POT PTFE	P11	Banda	3	2	6	200.0
FX - 200	POT	P12	Hingoli	3	2	6	200.0
FX - 200	POT	P12	Banda	3	2	6	200.0
FR - 200	POT PTFE	P13	Hingoli	3	2	6	200.0
FR - 200	POT PTFE	P13	Banda	3	2	6	200.0
FR - 200	POT PTFE	P14	Hingoli	3	2	6	200.0
FR - 300	POT PTFE	P14	Banda	2	2	4	300.0
FX - 300	POT	P15	Hingoli	2	2	4	300.0
FR - 200	POT PTFE	P15	Banda	3	2	6	200.0
FX - 200	POT	P16	Hingoli	3	2	6	200.0
FX - 200	POT	P16	Banda	3	2	6	200.0
FR - 200	POT PTFE	P17	Hingoli	3	2	6	200.0

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FR - 200	POT PTFE	A1	Hingoli	3	2	6	200.0
FX - 200	POT	P1	Hingoli	3	2	6	200.0
E - 150	Elastomeric	P1	Banda	5	2	10	150.0
E - 150	Elastomeric	P2	-----	5	2	10	150.0
E - 150	Elastomeric	P3	-----	5	2	10	150.0
E - 150	Elastomeric	P4	Hingoli	5	2	10	150.0
FR - 200	POT PTFE	P17	Banda	3	2	6	200.0
FR - 200	POT PTFE	P18	Hingoli	3	2	6	200.0
FR - 200	POT PTFE	P18	Banda	3	2	6	200.0
FX - 200	POT	P19	Hingoli	3	2	6	200.0
FX - 200	POT	P19	Banda	3	2	6	200.0
FR - 200	POT PTFE	P20	Hingoli	3	2	6	200.0
FR - 200	POT PTFE	P20	Banda	3	2	6	200.0
FR - 200	POT PTFE	A2	Hingoli	3	2	6	200.0

QUANTITY OF BEARINGS

FR - 200	POT PTFE	63	2	126
FX - 200	POT	33	2	66
E - 150	Elastomeric	20	2	40
FR - 250	POT PTFE	3	2	6
FX - 250	POT	3	2	6
FR - 300	POT PTFE	2	2	4
FX - 300	POT	2	2	4

Total = 252

LOCATION OF EXPANSION JOINTS

A1 P1 P4 P7 P10
P11 P14 P15 P18 A2 10 Nos . X 17.20 m = 172.0 m