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Document Title: Master List of Drawings of Bridges & Structures Directorate, RDSO.			

**Title : Master List of Drawings of Bridges & Structures  
Directorate, RDSO.**

**BS-28  
(Version 1.0)  
August 2018**

Prepared by	Checked by	Approved by
ADE/B&S/SB-I	DBS-1	EDBS

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Structure	SN	Loading Std	Drg No	Span	Type	Description	Sub Type	Gauge	Suitable For	Alt date	Size
<b>Open Web Girder</b>				<b>0</b>	<b>Service Cable</b>			BG	SCHEMATIC SKETCH FOR PASSING SERVICE CABLE PARALLEL TO TRACK		
	1		CBS-0038/R2			Service cable passing (O.W.G.)				3/11/2014	A4

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4	RDSO/B-17124	Details of Bearings			A1
5	RDSO/B-17125	Details of Bottom Chords			A1
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7	RDSO/B-17127	Details of End Raker & Portal Bracings			A1
8	RDSO/B-17128	Details of Verticals			A1
9	RDSO/B-17129	Details of Diagonals			A1
10	RDSO/B-17130	Details of Bottom Chord Joints			A1
11	RDSO/B-17130/1	Details of Bottom Chord Joints			A1
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15	RDSO/B-17132	Details of Cross Girder			A1
16	RDSO/B-17133	Details of Stringer			A1
17	RDSO/B-17133/1	Details of Stringer at expansion joints.			A1
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11	RDSO/B-17090/1	Details of Bottom Chord Joints			A1
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18	RDSO/B-17095/1	Details of Bottom Lateral Bracings			A1
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20	RDSO/B-17097	Erection Drawing			A1
21	RDSO/B-17098	Part List			A1

**Open Web Girder**

**DFC**

**30.5 Through**

Welded

BG

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3	RDSO/B-17063	Camber Diagram			A1
4	RDSO/B-17064	Details of Bearing			A1
5	RDSO/B-17065	Details of Bottom Chords			A1
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7	RDSO/B-17067	Details of End Raker & Portal Bracings			A1
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13	RDSO/B-17073	General Details of Stringer			A1
14	RDSO/B-17074	Details of Sway Bracings			A1
15	RDSO/B-17075	Details of Bottom Lateral Bracings			A1
16	RDSO/B-17076	Details of Top Lateral Bracings			A1
17	RDSO/B-17077	Erection Drawing			A1
18	RDSO/B-17078	Part List			A1

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Structure	SN	Loading Drg No	Std Span Description	Type	Sub Type	Gauge	Suitable For	Alt date	Size
<b>Open Web Girder</b>		<b>25T</b>	<b>91.4</b>	<b>Through</b>	Welded	BG			
	1	RDSO/B-17184	General arrangement					2/16/2018	A1
	2	RDSO/B-17184/1	Stress sheet					10/28/2016	A1
	3	RDSO/B-17184/2	Camber diagram					10/28/2016	A1
	4	RDSO/B-17184/3	Details of bearings					10/28/2016	A1
	5	RDSO/B-17184/4/1	Details of bottom chord					10/28/2016	A1
	6	RDSO/B-17184/4/2	Details of bottom chord					10/28/2016	A1
	7	RDSO/B-17184/5/1	Details of top chord					10/28/2016	A1
	8	RDSO/B-17184/5/2	Details of top chord					10/28/2016	A1
	9	RDSO/B-17184/6	Details of end raker & portal bracings					10/28/2016	A1
	10	RDSO/B-17184/7/1	Details of verticals					10/28/2016	A1
	11	RDSO/B-17184/7/2	Details of verticals					10/28/2016	A1
	12	RDSO/B-17184/8/1	Details of cross girder					10/28/2016	A1
	13	RDSO/B-17184/8/2	Details of diagonals					10/28/2016	A1
	14	RDSO/B-17184/9/1	Details of bottom chord joints					10/28/2016	A1
	15	RDSO/B-17184/9/2	Details of sway bracings					10/28/2016	A1
	16	RDSO/B-17184/9/3	Details of sway bracings					10/28/2016	A1
	17	RDSO/B-17184/9/4	Details of top chord					10/28/2016	A1
	18	RDSO/B-17184/10/1	Details of top chord joints					10/28/2016	A1
	19	RDSO/B-17184/10/2	Details of top chord joints					10/28/2016	A1
	20	RDSO/B-17184/10/3	Details of top chord joints					10/28/2016	A1
	21	RDSO/B-17184/10/4	Details of top chord joints					10/28/2016	A1
	22	RDSO/B-17184/11	Details of mid chord joints					10/28/2016	A1
	23	RDSO/B-17184/12	Details of top cross girder					10/28/2016	A1
	24	RDSO/B-17184/13/1	Details of stringers					10/28/2016	A1
	25	RDSO/B-17184/13/2	Details of stringers at expansion joints					10/28/2016	A1
	26	RDSO/B-17184/14	Details of sway bracings					10/28/2016	A1
	27	RDSO/B-17184/15	Details of bottom lateral bracings					10/28/2016	A1
	28	RDSO/B-17184/16/1	Details of top lateral bracings					10/28/2016	A1
	29	RDSO/B-17184/16/2	Details of top lateral bracings					10/28/2016	A1
	30	RDSO/B-17184/17/1	Erection drawings					10/28/2016	A1
	31	RDSO/B-17184/17/2	Erection drawings					10/28/2016	A1
	32	RDSO/B-17184/18	Details of part list					10/28/2016	A1
<b>Open Web Girder</b>		<b>25T</b>	<b>76.2</b>	<b>Through</b>	Welded	BG			
	1	RDSO/B-17183R	General Arrangement					2/16/2018	A1
	2	RDSO/B-17183/1	Stress Sheet						A1
	3	RDSO/B-17183/2	Camber Diagram						A1
	4	RDSO/B-17183/3	Details of Bearings						A1
	5	RDSO/B-17183/4R	Details of Bottom Chords					12/15/2015	A1
	6	RDSO/B-17183/5R	Details of Top Chords					12/15/2015	A1
	7	RDSO/B-17183/6R	End Raker & Portal Bracings					12/15/2015	A1
	8	RDSO/B-17183/7	Details of Verticals						A1
	9	RDSO/B-17183/8R	Details of Diagonals					12/15/2015	A1
	10	RDSO/B-17183/9/1	Details of Bottom Chord Joints						A1
	11	RDSO/B-17183/9/2	Details of Bottom Chord Joints						A1
	12	RDSO/B-17183/9/3	Details of Bottom Chord Joints						A1
	13	RDSO/B-17183/10/1	Details of Top Chord Joints						A1
	14	RDSO/B-17183/10/2	Details of Top Chord Joints						A1
	15	RDSO/B-17183/10/3	Details of Top Chord Joints						A1

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Structure	Loading Std	Span	Type	Sub Type	Gauge	Suitable For	Alt date	Size
SN	Drg No	Description						
16	RDSO/B-17183/11	Details of Cross Girder						A1
17	RDSO/B-17183/12/1	General Details of Stringer						A1
18	RDSO/B-17183/12/2	Details of Stringer at Expansion Joints						A1
19	RDSO/B-17183/13	Details of Sway Bracings						A1
20	RDSO/B-17183/14/1	Details of Bottom Lateral Bracings						A1
21	RDSO/B-17183/14/2	Details of Bottom Lateral Bracings						A1
22	RDSO/B-17183/15	Details of Top Lateral Bracings						A1
23	RDSO/B-17183/16	Erection Drawing						A1
24	RDSO/B-17183/17	Part List						A1
<b>Open Web Girder</b>	<b>25T</b>	<b>61</b>	<b>Through</b>	<b>Welded</b>	<b>BG</b>			
1	RDSO/B-17182/R	General Arrangement					2/16/2018	A1
2	RDSO/B-17182/1	Stress Sheet					4/29/2015	A1
3	RDSO/B-17182/2	Camber diagram					5/31/2017	A1
4	RDSO/B-17182/3	Details of Bearing					9/5/2017	A1
5	RDSO/B-17182/4R	Details of bottom chords					9/5/2017	A1
6	RDSO/B-17182/5R	Details of top chords					9/5/2017	A1
7	RDSO/B-17182/6R	Details of end raker & portal bracings					9/5/2017	A1
8	RDSO/B-17182/7	Details of verticals					9/5/2017	A1
9	RDSO/B-17182/8R	Details of diagonals					9/5/2017	A1
10	RDSO/B-17182/9/1	Details of bottom chord joints					9/5/2017	A1
11	RDSO/B-17182/9/2	Details of bottom chord joints					9/5/2017	A1
12	RDSO/B-17182/9/3	Details of bottom chord joints					9/5/2017	A1
13	RDSO/B-17182/10/1	Details of top chord joints					4/29/2015	A1
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15	RDSO/B-17182/11	Details of cross girder					4/29/2015	A1
16	RDSO/B-17182/12/1	Details of stringer					9/5/2017	A1
17	RDSO/B-17182/12/2	Details of stringers at expansion joints					9/5/2017	A1
18	RDSO/B-17182/13	Details of sway bracings					9/5/2017	A1
19	RDSO/B-17182/14	Details of bottom lateral bracings					9/5/2017	A1
20	RDSO/B-17182/15	Details of top lateral bracings					9/5/2017	A1
21	RDSO/B-17182/16	Erection drawing					4/29/2015	A1
22	RDSO/B-17182/17	Shipping list					4/29/2015	A1
<b>Open Web Girder</b>	<b>25T</b>	<b>45.7</b>	<b>Through</b>	<b>Welded</b>	<b>BG</b>			
1	RDSO/B-17181/R	General Arrangement					2/16/2018	A1
2	RDSO/B-17181/1	Stress Sheet					2/25/2015	A1
3	RDSO/B-17181/2	Camber Diagram					1/6/2016	A1
4	RDSO/B-17181/3	Details of Bearings					2/25/2015	A1
5	RDSO/B-17181/4R	Details of bottom chords					11/30/2015	A1
6	RDSO/B-17181/5R	Details of top chords					1/6/2016	A1
7	RDSO/B-17181/6R	Details of end raker & portal bracings					1/6/2015	A1
8	RDSO/B-17181/7	Details of verticals					2/25/2015	A1
9	RDSO/B-17181/8R	Details of diagonals					1/6/2016	A1
10	RDSO/B-17181/9	Details of bottom chord joints					1/6/2016	A1
11	RDSO/B-17181/10	Details of bottom chord joints					1/6/2016	A1
12	RDSO/B-17181/11	Details of top chord joints					1/6/2016	A1
13	RDSO/B-17181/12	Details of top chord joints					1/6/2016	A1
14	RDSO/B-17181/14	Details of stringers					1/6/2016	A1
15	RDSO/B-17181/15	Details of sway bracings					1/6/2016	A1
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17	RDSO/B-17181/17	Details of top lateral bracings					1/6/2016	A1
18	RDSO/B-17181/18	Erection drawing					2/25/2015	A1
19	RDSO/B-17181/19	Shipping list					2/25/2015	A1

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2	RDSO/B-17142	Stress Sheet				A1
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4	RDSO/B-17144	Details of Bearings				A1
5	RDSO/B-17145	Details of Bottom Chords				A1
6	RDSO/B-17146	Details of Top Chords				A1
7	RDSO/B-17147	Details of Verticals				A1
8	RDSO/B-17148	Details of End raker and int cross frames			9/5/2017	A1
9	RDSO/B-17149	Details of diagonals				A1
10	RDSO/B-17149/1	Details of diagonals				A1
11	RDSO/B-17150	Details of Bottom Chord Joints			9/5/2017	A1
12	RDSO/B-17150/1	Details of Bottom Chord Joints			9/5/2017	A1
13	RDSO/B-17151	Details of Top Chord Joints			9/5/2017	A1
14	RDSO/B-17151/1	Details of Top Chord Joints			9/5/2017	A1
15	RDSO/B-17152	Details of bottom lateral bracing			9/5/2017	A1
16	RDSO/B-17153	Details of top lateral bracing			11/30/2017	A1
17	RDSO/B-17154	Erection drawing				A1
18	RDSO/B-17155	Part list				A1
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1	RDSO/B-17161	General Arrangement			2/16/2018	A1
2	RDSO/B-17162	Stress sheet			11/14/2014	A1
3	RDSO/B-17163	Camber diagram			11/14/2014	A1
4	RDSO/B-17164	Details of bearing			11/14/2014	A1
5	RDSO/B-17165/R	Details of bottom chords			11/6/2015	A1
6	RDSO/B-17166/R	Details of top chords			11/6/2015	A1
7	RDSO/B-17167/R	End raker and portal			11/6/2015	A1
8	RDSO/B-17168	Details of verticals			11/14/2014	A1
9	RDSO/B-17169/R	Details of diagonals			11/6/2015	A1
10	RDSO/B-17170	Details of Bottom chord joints			11/14/2014	A1
11	RDSO/B-17171	Details of Top chord joints			11/14/2014	A1
12	RDSO/B-17172	Cross girder			11/14/2014	A1
13	RDSO/B-17173	Welded through type stringers			11/14/2014	A1
14	RDSO/B-17174	Details of Sway bracings			11/14/2014	A1
15	RDSO/B-17175	Bottom lateral bracing			11/14/2014	A1
16	RDSO/B-17176	Top lateral bracing			11/14/2014	A1
17	RDSO/B-17177	Erection drawing			11/14/2014	A1
18	RDSO/B-17178	Shipping List			11/14/2014	A1
Open Web Girder	HML	76.2 Through	Welded	BG		
1	BA-11621	General Arrangement				A1
2	BA-11622	Stress Sheet				A1
3	BA-11623	Idealisation Diagram (Not to be issued to Rlys)				A2
4	BA-11624	Camber Diagram				A1
5	BA-11625	Details of Bearings				A1
6	BA-11626	Details of Bottom Chords				A1
7	BA-11627	Details of Top Chords				A1
8	BA-11628	End Raker & Portal Bracings				A1
9	BA-11629	Details of Verticals				A1
10	BA-11630	Details of Diagonals				A1
11	BA-11631	Details of Bottom Chord Joints			6/25/2012	A1
12	BA-11631/1	Details of Bottom Chord Joints				A1
13	BA-11631/2	Details of Bottom Chord Joints				A1
14	BA-11632	Details of Top Chord Joints				A1
15	BA-11632/1	Details of Top Chord Joints				A1
16	BA-11632/2	Details of Top Chord Joints				A1
17	BA-11633	Details of Cross Girder				A1

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18	BA-11634	General Details of Stringer	A1
19	BA-11634/1	Details of Stringer at Expansion Joints	A1
20	BA-11635	Details of Sway Bracings	A1
21	BA-11636	Details of Bottom Lateral Bracings	A1
22	BA-11636/1	Details of Bottom Lateral Bracings	A1
23	BA-11637	Details of Top Lateral Bracings	A1
24	BA-11638	Erection Drawing	A1
25	BA-11639	Part List	A1
26	BA-11578/R	Pot Bearing	A1
27	CBS-0033	Pot-PTFE Bearing Ref. Drg. No. BA-11631	A1

<b>Open Web Girder</b>	<b>HML</b>	<b>61 Through</b>	Welded	<b>BG</b>	
1	BA-11551	General Arrangement			8/23/2004 A1
2	BA-11552	Stress Sheet			A1
3	BA-11553/R	Camber Diagram			A1
4	BA-11554	Details of Bearings			A1
5	BA-11555	Details of bottom chords			8/23/2004 A1
6	BA-11556/R	Details of top chords			A1
7	BA-11557	Details of end raker & portal bracings			8/23/2004 A1
8	BA-11558	Details of verticals			8/23/2004 A1
9	BA-11559/R	Details of diagonals			A1
10	BA-11560/R	Details of bottom chord joints			6/25/2012 A1
11	BA-11560/1/R	Details of bottom chord joints			A1
12	BA-11560/2/R	Details of bottom chord joints			A1
13	BA-11561/R	Details of top chord joints			A1
14	BA-11561/1/R	Details of top chord joints			A1
15	BA-11562/R	Details of cross girders			A1
16	BA-11563/R	Details of stringers			A1
17	BA-11563/1	Details of stringers at expansion joint			A1
18	BA-11564	Details of sway bracings			8/23/2004 A1
19	BA-11565/R	Details of bottom lateral bracings			A1
20	BA-11566	Details of top lateral bracings			8/23/2004 A1
21	BA-11567	Erection drawing			8/23/2004 A1
22	BA-11568	Shipping list			8/23/2004 A1
23	BA-11576	PTFE Pot Bearing			A1
24	CBS-0032	Pot-PTFE Bering Ref. Drg. No. BA-11660/R			A4

<b>Open Web Girder</b>	<b>HML</b>	<b>45.7 Through</b>	Welded	<b>BG</b>	
1	BA-11501	General Arrangement			6/24/2003 A1
2	BA-11502	Stress Sheet			A1
3	BA-11503	Camber Diagram			12/2/2002 A1
4	BA-11504	Details of Bearings			A1
5	BA-11505	Details of bottom chords			6/24/2003 A1
6	BA-11506	Details of top chords			12/2/2002 A1
7	BA-11507	Details of end raker & portal bracings			6/24/2003 A1
8	BA-11508	Details of verticals			12/2/2002 A1
9	BA-11509	Details of diagonals			6/24/2003 A1
10	BA-11510/R	Details of bottom chord joints			5/17/2012 A1
11	BA-11510/1	Details of bottom chord joints			6/24/2003 A1
12	BA-11511	Details of top chord joints			6/24/2003 A1
13	BA-11511/1	Details of top chord joints			6/24/2003 A1
14	BA-11512	Details of cross girders			A1
15	BA-11513	Details of stringers			A1
16	BA-11514	Details of sway bracings			A1
17	BA-11515	Details of bottom lateral bracings			A1
18	BA-11516	Details of top lateral bracings			12/2/2002 A1
19	BA-11517	Erection drawing			A1
20	BA-11518	Shipping list			A1

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21	BA-11574	PTFE Pot Bearings			3/7/2013	A1
22	CBS-0031	PTFE Bearing Ref. Drg. No. BA-11510/R				A4
<b>Open Web Girder</b>		<b>HML</b>	<b>30.5 Through</b>	<b>Welded</b>	<b>BG</b>	
1	BA-11521	General Arrangement			9/19/2003	A1
2	BA-11522	Stress Sheet				A1
3	BA-11523/R	Camber Diagram				A1
4	BA-11524	Details of Bearings				A1
5	BA-11525	Details of bottom chords			9/19/2003	A1
6	BA-11526	Details of top chords			9/19/2003	A1
7	BA-11527	Details of end raker & portal bracings			9/19/2003	A1
8	BA-11528	Details of verticals			9/19/2003	A1
9	BA-11529	Details of diagonals			9/19/2003	A1
10	BA-11530/R	Details of bottom chord joints			5/17/2012	A1
11	BA-11531	Details of top chord joints			9/19/2003	A1
12	BA-11532	Details of cross girders				A1
13	BA-11533	Details of stringers				A1
14	BA-11534	Details of sway bracings				A1
15	BA-11535	Details of bottom lateral bracings				A1
16	BA-11536	Details of top lateral bracings			9/19/2003	A1
17	BA-11537	Erection drawing				A1
18	BA-11538	Shipping list				A1
19	BA-11572	PTFE Pot Bearings			4/17/2012	A1
20	CBS-0030	PTFE Bearing Ref. Drg. No. BA-11530/R				A4
<b>Open Web Girder</b>		<b>MBG</b>	<b>76.2 Through</b>	<b>Welded</b>	<b>BG</b>	
1	BA-11601/R	General Arrangement				A1
2	BA-11602/R	Stress Sheet				A1
3	BA-11603	Idealisation Diagram (not to be issued to railways)				A2
4	BA-11604/R	Camber diagram				A1
5	BA-11605	Details of Bearings				A1
6	BA-11606/R	Details of Bottom Chords				A1
7	BA-11607/R	Details of Top Chords				A1
8	BA-11608/R	Details of End Raker & Portal bracings				A1
9	BA-11609/R	Details of Verticals				A1
10	BA-11610/R	Details of Diagonals				A1
11	BA-11611/R	Details of Bottom Chord Joints			2/7/2013	A1
12	BA-11611/1/R	Details of Bottom Chord Joints				A1
13	BA-11611/2/R	Details of Bottom Chord Joints				A1
14	BA-11612 /R	Details of Top Chord Joints				A1
15	BA-11612/1/R	Details of Top Chord Joints				A1
16	BA-11612/2/R	Details of Top Chord Joints				A1
17	BA-11613 /R	Details of Cross Girder				A1
18	BA-11614 /R	Details of Stringer				A1
19	BA-11614/1	Details of Stringer				A1
20	BA-11615/R	Details of Sway Bracings				A1
21	BA-11616	Details of Bottom Lateral Bracings				A1
22	BA-11616/1	Details of Bottom Lateral Bracings				A1
23	BA-11616/2	Details of Bottom Lateral Bracings				A1
24	BA-11617/R	Details of Top Lateral Bracing				A1
25	BA-11618 /R	Erection Drawing				A1
26	BA-11619 /R	Part List				A1
27	BA-11577/R	Pot Bearing (PTFE)			2/7/2013	A1
28	CBS-0037	For Pot-PTFE Bering Ref drg no. BA-11611/R				A4

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Open Web Girder	MBG	61 Underslung	Welded	BG	Provisional	
	1	RDSO/B-11661	General Arrangement			A1
	2	RDSO/B-11662	Stress Sheet			A1
	3	RDSO/B-11663	Camber Diagram			A1
	4	RDSO/B-11664	Details of Bearings			A1
	5	RDSO/B-11665	Details of Bottom Chords			A1
	6	RDSO/B-11666	Details of Top Chords			A1
	7	RDSO/B-11667	Details of Verticals			A1
	8	RDSO/B-11668	Details of End Raker, Cross Frames and Intermediate Cross Frames			A1
	9	RDSO/B-11669	Details of Diagonals			A1
	10	RDSO/B-11670	Details of Bottom Chord Joints			A1
	11	RDSO/B-11670/1	Details of Bottom Chord Joints			A1
	12	RDSO/B-11670/2	Details of Bottom Chord Joints			A1
	13	RDSO/B-11671	Details of Top Chord Joints			A1
	14	RDSO/B-11671/1	Details of Top Chord Joints			A1
	15	RDSO/B-11671/2	Details of Top Chord Joints			A1
	16	RDSO/B-11672	Details of Cross Girders			A1
	17	RDSO/B-11673	Details of Stringer			A1
	18	RDSO/B-11674	Details of bottom lateral bracings			A1
	19	RDSO/B-11675	Details of top lateral bracings			A1
	20	RDSO/B-11676	Erection Drawing			A1
	21	RDSO/B-11677	Part List			A1
	22	RDSO/B-11579	PTFE POT bearing			A1
Open Web Girder	MBG	61 Through	Welded	BG		
	1	BA-11581	General Arrangement			4/20/2004 A1
	2	BA-11582	Stress Sheet			A1
	3	BA-11583/R	Camber diagram			A1
	4	BA-11584	Details of Bearings			A1
	5	BA-11585	Details of Bottom Chords			4/20/2004 A1
	6	BA-11586/R	Details of Top Chords			A1
	7	BA-11587	End Raker & Portal bracings			4/20/2004 A1
	8	BA-11588	Details of Verticals			4/20/2004 A1
	9	BA-11589/R	Details of Diagonals			A1
	10	BA-11590/R	Details of Bottom Chord Joints			11/27/2012 A1
	11	BA-11590/1/R	Details of Bottom Chord Joints			A1
	12	BA-11590/2/R	Details of Bottom Chord Joints			12/26/2006 A1
	13	BA-11591/R	Details of Top Chord Joints			12/26/2006 A1
	14	BA-11591/1/R	Details of Top Chord Joints			A1
	15	BA-11592 /R	Details of Cross Girder			A1
	16	BA-11593 /R	Details of Stringer			12/26/2006 A1
	17	BA-11593/1	Details of stringer at expansion joints			12/26/2006 A1
	18	BA-11594	Details of Sway Bracings			4/20/2004 A1
	19	BA-11595	Details of Bottom Lateral Bracings			12/26/2006 A1
	20	BA-11596	Details of Top Lateral Bracings			4/20/2004 A1
	21	BA-11597	Erection Drawings			12/26/2006 A1
	22	BA-11598	Shipping List			12/26/2006 A1
	23	BA-11575	PTFE POT bearing			11/27/2012 A1
	24	CBS-0036	Pot-PTFE Bearing Ref drg no. BA-11590/R			A4

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Open Web Girder	MBG	45.7 Underslung	Welded	BG	Provisional	
1	RDSO/B-11641	General Arrangement				A1
2	RDSO/B-11642	Stress Sheet				A1
3	RDSO/B-11643	Camber Diagram				A1
4	RDSO/B-11644	Bearings				A1
5	RDSO/B-11645	Bottom Chords				A1
6	RDSO/B-11646	Top Chords				A1
7	RDSO/B-11647	Verticals				A1
8	RDSO/B-11648	End Raker and Intermediate Cross Frames				A1
9	RDSO/B-11649	Diagonals				A1
10	RDSO/B-11649/1	Diagonals				A1
11	RDSO/B-11650	Bottom Chord Joints				A1
12	RDSO/B-11650/1	Bottom Chord Joints				A1
13	RDSO/B-11651	Top Chord Joints				A1
14	RDSO/B-11651/1	Top Chord Joints				A1
15	RDSO/B-11651/2	Top Chord Joints				A1
16	RDSO/B-11652	Bottom Lateral Bracings				A1
17	RDSO/B-11653	Top Lateral Bracings				A1
18	RDSO/B-11654	Erection Drawing				A1
19	RDSO/B-11655	Shipping List				A1
Open Web Girder	MBG	45.7 Through	Welded	BG		
1	BA-11481	General Arrangement			2/13/2007	A1
2	BA-11482	Stress Sheet			2/13/2007	A1
3	BA-11483	Idealisation Diagram (not to be issued to railways)				A1
4	BA-11484/R	Camber diagram				A1
5	BA-11485	Bearings				A1
6	BA-11486	Details of Bottom Chords			2/13/2007	A1
7	BA-11487	Details of Top Chords			11/18/2003	A1
8	BA-11488	End Raker & Portal bracings			2/13/2007	A1
9	BA-11489	Details of Verticals			5/22/2003	A1
10	BA-114 90/R	Details of Diagonals				A1
11	BA-114 91	Details of Bottom Chord Joints			7/20/2012	A1
12	BA-11491 /1	Details of Bottom Chord Joints			2/13/2007	A1
13	BA-11492/R	Details of Top Chord Joints				A1
14	BA-11493	Details of Cross Girder			2/13/2007	A1
15	BA-11494	Details of Stringer				A1
16	BA-11495	Details of Sway Bracings			12/2/2002	A1
17	BA-11496	Details of Bottom Lateral Bracings			2/13/2007	A1
18	BA-11497	Details of Top Lateral Bracings			12/2/2002	A1
19	BA-11498	Erection Drawings				A1
20	BA-11499	Shipping List			12/2/2002	A1
21	BA-11573	PTFE POT bearing			3/7/2013	A1
22	CBS-0034	Pot-PTFE Bearing Ref Drg. No. BA-11491				A4
Open Web Girder	MBG	30.5 Through	Welded	BG		
1	BA-11461	General Arrangement			10/31/2003	A1
2	BA-11462	Stress Sheet				A1
3	BA-11463	Idealisation Diagram (not to be issued to railways)				A1
4	BA-11464/R	Camber diagram				A1
5	BA-11465	Bearings			8/10/2004	A1
6	BA-11466	Bottom Chords			10/31/2003	A1
7	BA-11467	Top Chords			10/31/2003	A1
8	BA-11468	End Raker & Portal bracings			10/31/2003	A1
9	BA-11469	Verticals			10/31/2003	A1
10	BA-11470	Diagonals			10/31/2003	A1
11	BA-11471	Bottom Chord Joints			8/7/2012	A1
12	BA-11472	Top Chord Joints			10/31/2003	A1

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13	BA-11473	Cross Girder				A1
14	BA-11474	Stringer				A1
15	BA-11475	Sway Bracings				A1
16	BA-11476	Bottom Lateral Bracings				A1
17	BA-11477	Top Lateral Bracings				A1
18	BA-11478	Erection Drawings				A1
19	BA-11479	Shipping List				A1
20	BA-11571	PTFE POT bearing			8/7/2012	A1
21	CBS-0035	PTFE Bearing. Ref. Drg. No. BA-11471				A4

<b>Open Web Girder</b>	<b>BGML</b>	<b>76.2 Through</b>	Rivetted	BG	MBG	
1	BA-11151	General Arrangement				2/6/2002 A0
2	BA-11152	Stress sheet				2/6/2002 A0
3	BA-11153	Camber diagram				2/6/2002 A0
4	RDSO/B-1524	Bearings				A1
5	BA-11155	Details of bottom chords				2/6/2002 A1
6	BA-11156	Detail of top chords				2/6/2002 A1
7	BA-11157	Details of end raker and portal				2/6/2002 A1
8	BA-11158	Details of verticals				2/6/2002 A1
9	BA-11159	Details of diagonals				2/6/2002 A1
10	BA-11160	Details of bottom chord joints				2/6/2002 A1
11	BA-11160/1	Details of bottom chord joints				2/6/2002 A1
12	BA-11161	Details of top chord joints				2/6/2002 A1
13	BA-11161/1	Details of top chord joints				2/6/2002 A1
14	BA-11162	Details of cross girder				2/6/2002 A1
15	BA-11163	Details of stringers				2/6/2002 A1
16	BA-11164	Detail of sway bracings.				2/6/2002 A1
17	BA-11165	Details of bottom lateral bracings.				2/6/2002 A1
18	BA-11165/1	Details of bottom lateral bracings.				2/6/2002 A1
19	BA-11166	Details of top lateral bracings				2/6/2002 A1
20	BA-11167	Erection drawing				2/6/2002 A1
21	BA-11168	Shipping list				2/6/2002 A1

<b>Open Web Girder</b>	<b>BGML</b>	<b>61 Bearing</b>		BG		
1	RDSO/B-1523	BG 61.0m Span Bearing for BGML Girder				A1

<b>Open Web Girder</b>	<b>BGML</b>	<b>45.7 Bearing</b>		BG		
1	RDSO/B-1522	BG 45.7m Span Bearing for BGML Girders				A1

<b>Open Web Girder</b>	<b>BGML</b>	<b>30.5 Bearing</b>		BG		
1	RDSO/B-1521	BG 30.5m Span Bearing for BGML Girders				A1

<b>Open Web Girder</b>	<b>RBG</b>	<b>61 Through</b>	Rivetted	BG	MBG	
1	BA-11321	General Arrangement				4/14/1988 A1
2	BA-11322	Stress Sheet				4/14/1988 A1
3	BA-11323	Camber Diagram				4/14/1988 A1
4	BA-11324	Bearings				4/14/1988 A1
5	BA-11325	Bottom Chords				4/14/1988 A1
6	BA-11325/1	Bottom Chords				7/9/1993 A1
7	BA-11326	Top Chords				4/14/1988 A1
8	BA-11327	End Raker & Portal Bracings				4/14/1988 A1
9	BA-11328	Verticals				4/14/1988 A1
10	BA-11329	Diagonals				4/14/1988 A1
11	BA-11330	Bottom Chord Joints				4/14/1988 A1
12	BA-11330/1	Bottom Chord Joints				4/14/1988 A1

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13	BA-11331	Top Chord Joints				4/14/1988	A1
14	BA-11331/1	Top Chord Joints				4/14/1988	A1
15	BA-11332	Cross Girders				4/14/1988	A1
16	BA-11333	Stringers				4/14/1988	A1
17	BA-11333/1	Stringers				4/14/1988	A1
18	BA-11334	Sway Bracings				4/14/1988	A1
19	BA-11335	Bottom Lateral Bracings				4/14/1988	A1
20	BA-11335/1	Bottom Lateral Bracings				8/6/1990	A1
21	BA-11335/2	Bottom Lateral Bracing				4/14/1988	A1
22	BA-11336	Top Lateral Bracing				4/14/1988	A1
23	BA-11337	Erection Drawing				4/14/1988	A1
24	BA-11338	Shipping List				4/14/1988	A1

**Open Web Girder RBG 45.7 Through Rivetted BG MBG**

1	BA-11361	General Arrangement				4/14/1988	A1
2	BA-11362	Stress Sheet				4/14/1988	A1
3	BA-11363	Camber Diagram				4/14/1988	A1
4	BA-11364	Bearings				4/14/1988	A1
5	BA-11365	Bottom Chords				4/14/1988	A1
6	BA-11366	Top Chords				4/14/1988	A1
7	BA-11367	End Raker & Portal Bracings				4/14/1988	A1
8	BA-11368	Verticals				4/14/1988	A1
9	BA-11369	Diagonals				4/14/1988	A1
10	BA-11370	Bottom Chord Joints				4/14/1988	A1
11	BA-11371	Top Chord Joints				4/14/1988	A1
12	BA-11372	Cross Girder & Stringers				4/14/1988	A1
13	BA-11373	Sway Bracings				4/14/1988	A1
14	BA-11374	Bottom Lateral Bracings				4/14/1988	A1
15	BA-11375	Top Lateral Bracings				4/14/1988	A1
16	BA-11376	Erection Drawing				2/18/1993	A1
17	BA-11377	Shipping List				4/14/1988	A1

**Open Web Girder RBG 30.5 Underslung Rivetted BG MBG**

1	BA-11401	General Arrangement				5/3/1997	A1
2	BA-11402	Stress Sheet				5/8/1997	A1
3	BA-11403	Camber Diagram				4/14/1988	A1
4	BA-11404	Bearings				4/14/1988	A1
5	BA-11405	Top and Bottom Chords				5/8/1997	A1
6	BA-11406	Verticals, End Raker Int. and X-Frame				4/14/1988	A1
7	BA-11407	Diagonals				4/14/1988	A1
8	BA-11408	Bottom Chord Joints				4/14/1988	A1
9	BA-11409	Top Chord Joints				5/8/1997	A1
10	BA-11409/1	Top Chord Joints				4/14/1988	A1
11	BA-11410	Bottom Lateral Bracings				4/14/1988	A1
12	BA-11411	Top Lateral Bracings				4/14/1988	A1
13	BA-11412	Erection Drawing				4/14/1988	A1
14	BA-11413	Shipping List				4/14/1988	A1
15	RDSO/B-1504	RBG Standards 30.5m Span (US) Top Chord (Alternate)				2/11/1998	A1
16	RDSO/B-1505	RBG Standards 30.5m Span (US) Bottom Chord (Alternate)				2/11/1998	A1

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Open Web Girder	RBG	30.5 Through	Rivetted	BG	MBG	
1	BA-11341	General Arrangement				A1
2	BA-11342	Stress Sheet				4/14/1987 A1
3	BA-11343	Camber Diagram				4/14/1988 A1
4	BA-11344	Bearings				4/14/1988 A1
5	BA-11345	Bottom Chords				A1
6	BA-11346	Top Chords				A1
7	BA-11347	End Raker & Portal Bracings				A1
8	BA-11348	Verticals				A1
9	BA-11349	Diagonals				A1
10	BA-11350	Bottom Chord Joints				A1
11	BA-11351	Top Chord Joints				A1
12	BA-11352	Cross Girder & Stringers				A1
13	BA-11353	Sway Bracings				A1
14	BA-11354	Bottom Lateral Bracings				A1
15	BA-11355	Top Lateral Bracings				A1
16	BA-11356	Erection Drawing				4/14/1988 A1
17	BA-11357	Shipping List				4/14/1988 A1

Open Web Girder	GC	45.7 Through, CSO/CH-570	Rivetted,	BG	Modification to MGML Girder to Drawing No.CSO/CH-570 for Running Box'N' + Single/ Coupled WDM2 + BOX'N' at 100 kmph 45.7m Clear Span	
1	RDSO/B-1702	General Arrangement				A1
2	RDSO/B-1703	Stress Sheet				A1
3	RDSO/B-1704	Camber Diagram				A1
4	RDSO/B-1705	Bearings				A1
5	RDSO/B-1706	Bottom Chords				A1
6	RDSO/B-1707	Top Chord				A1
7	RDSO/B-1708	End Raker and Portal Bracings				A1
8	RDSO/B-1709	Verticals				A1
9	RDSO/B-1710	Diagonals				A1
10	RDSO/B-1711	Bottom Chord Joints				A1
11	RDSO/B-1712	Top Chord Joint				A1
12	RDSO/B-1713	Cross Girders & Stringer				A1
13	RDSO/B-1714	Sway Bracings				A1
14	RDSO/B-1715	Bottom Lateral Bracing				A1
15	RDSO/B-1716	Top Lateral Bracing				A1
16	RDSO/B-1717	Erection Drawing				A1
17	RDSO/B-1718	Shipping List				A1

Open Web Girder	GC	45.7 Through, BA-6061	Rivetted	BG	Modification to MGML Girder to Drawing No.BA-6061 for Running Box'N' + Single/ Coupled WDM2 + BOX'N' at 100 kmph 45.7m Clear Span	
1	RDSO/B-1671	General Arrangement				A1
2	RDSO/B-1672	Stress Sheet				A1
3	RDSO/B-1673	Camber Diagram				A1
4	RDSO/B-1674	Bearings				A1
5	RDSO/B-1675	Bottom Chords				A1
6	RDSO/B-1676	Top Chord				A1
7	RDSO/B-1677	End Raker and Portal Bracings				A1

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8	RDSO/B-1678	Verticals				A1
9	RDSO/B-1679	Diagonals				A1
10	RDSO/B-1680	Bottom Chord Joints				
11	RDSO/B-1680/1	Bottom Chord Joints				A1
12	RDSO/B-1681	Top Chord Joint				A1
13	RDSO/B-1682	Cross girder & Stringer				A1
14	RDSO/B-1683	Sway Bracings				A1
15	RDSO/B-1684	Bottom Lateral Bracing				A1
16	RDSO/B-1685	Top Lateral Bracing				A1
17	RDSO/B-1686	Erection Drawing				A1
18	RDSO/B-1687	Shipping List				A1

**Open Web Girder**      **GC**      **30.5 Through**      Rivetted      BG      Modification to MGML Girder to Drawing No.BA-5041 for Running Box'N' + Single/ Coupled WDM2 + BOX'N' at 100 kmph 30.5m Clear Span

1	RDSO/B-1651	General Arrangement				A1
2	RDSO/B-1652	Stress Sheet				A1
3	RDSO/B-1653	Camber Diagram				A1
4	RDSO/B-1654	Bearings				A1
5	RDSO/B-1655	Bottom Chords				A1
6	RDSO/B-1656	New Top Chord & Sway Bracings				A1
7	RDSO/B-1657	End Raker and Portal				A1
8	RDSO/B-1658	Verticals				A1
9	RDSO/B-1659	Diagonals				A1
10	RDSO/B-1660	Bottom Chord Joints				A1
11	RDSO/B-1661	Top Chord Joint				A1
12	RDSO/B-1662	Cross girder & Stringer				A1
13	RDSO/B-1663	Bottom Lateral Bracing				A1
14	RDSO/B-1664	Top Lateral Bracing				A1
15	RDSO/B-1665	Existing Top Chord				A1
16	RDSO/B-1666	Erection Drawing				A1
17	RDSO/B-1667	Shipping List				A1

**Open Web Girder**      **MGML**      **61 Through**      Rivetted      MG

1	BA-11441	General Arrangement			5/22/1987	A1
2	BA-11442	Stress Sheet			5/22/1987	A1
3	BA-11443	Camber Diagram				A1
4	BA-11444	Bearings			5/22/1987	A1
5	BA-11445	Bottom Chord			5/22/1987	A1
6	BA-11445/1	Bottom Chord			5/22/1987	A1
7	BA-11446	Top Chord				A1
8	BA-11447	End Raker				A1
9	BA-11448	Verticals				A1
10	BA-11449	Diagonals				A1
11	BA-11450	Bottom Chord Joints			5/22/1987	A1
12	BA-11450/1	Bottom Chord Joints			5/22/1987	A1
13	BA-11451	Top Chord Joints				A1
14	BA-11451/1	Top Chord Joints				A1
15	BA-11452	Cross Girders			5/22/1987	A1
16	BA-11453	Stringer			5/22/1987	
17	BA-11454	Sway Bracings				A1
18	BA-11455	Bottom Lateral Bracings			5/22/1987	A1
19	BA-11455/1	Bottom Lateral Bracings			5/22/1987	A1
20	BA-11456	Top Lateral Bracings				A1
21	BA-11457	Erection Drawing			5/22/1987	A1
22	BA-11458	Shipping List			5/22/1987	A1

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Open Web Girder	MGML	45.7 Through	Rivetted	MG	
1	BA-11301	General Arrangement			A1
2	BA-11302	Stress Sheet			5/22/1987 A1
3	BA-11303	Camber Diagram			A1
4	BA-11304	Bearings			4/19/1975 A1
5	BA-11305	Bottom Chord			A1
6	BA-11306	Top Chord			A1
7	BA-11307	End Raker & Portal Bracings			A1
8	BA-11308	Verticals			A1
9	BA-11309	Diagonals			A1
10	BA-11310	Bottom Chord Joints			A1
11	BA-11311	Top Chord Joints			A1
12	BA-11312	Cross Girders & Stringers			5/22/1987 A1
13	BA-11313	Sway Bracings			A1
14	BA-11314	Bottom Lateral Bracings			A1
15	BA-11315	Top Lateral Bracings			A1
16	BA-11316	Erection Drawing			A1
17	BA-11317	Shipping			A1
Open Web Girder	MGML	30.5 Underslung	Rivetted	MG	
1	BA-11251	General Arrangement			A1
2	BA-11252	Stress Sheet			A1
3	BA-11253	Camber Diagram			A1
4	BA-11254	Bearings			7/10/1969 A1
5	BA-11255	Top & Bottom Chord			A1
6	BA-11256	Verticals, End Raker and End X-Frame			A1
7	BA-11257	Diagonals			A1
8	BA-11258	Bottom Chord Joints			A1
9	BA-11259	Top Chord Joints			7/10/1969 A1
10	BA-11259/1	Top Chord Joints			7/10/1969 A1
11	BA-11260	Bottom Lateral Bracings			A1
12	BA-11261	Top Lateral Bracings			7/10/1969 A1
13	BA-11262	Erection Drawing			A1
14	BA-11263	Shipping List			A1
15	BA-11264	Bearing (Roller & Fixed)			5/14/1975
Open Web Girder	MGML	30.5 Through	Rivetted	MG	
1	BA-11421	General Arrangement			5/22/1987 A1
2	BA-11422	Stress Sheet			5/22/1987 A1
3	BA-11423	Camber Diagram			A1
4	BA-11424	Bearings			A1
5	BA-11425	Bottom Chord			A1
6	BA-11426	Top Chord			A1
7	BA-11427	End Raker & Portal Bracings			A1
8	BA-11427	End Raker & Portal Bracings			A1
9	BA-11428	Verticals			A1
10	BA-11429	Diagonals			A1
11	BA-11430	Bottom Chord Joints			5/22/1987 A1
12	BA-11431	Top Chord Joints			A1
13	BA-11432	Cross Girders			A1
14	BA-11433	Stringer			5/22/1987 A1
15	BA-11434	Bottom Lateral Bracings			5/22/1987 A1
16	BA-11435	Top Lateral Bracings			A1
17	BA-11436	Erection Drawings			A1
18	BA-11437	Shipping			A1

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Structure	SN	Loading Std	Span	Type	Sub Type	Gauge	Suitable For	Alt date	Size
	Drg No			Description					
<b>Plate Girder</b>		<b>0</b>		<b>Service cable</b>	PG	BG			
	1	CBS-0039R		Service cable passing (PLATE GIRDER.)				2/26/2014	A3
<b>Plate Girder</b>		<b>DFC</b>	<b>24.4</b>	<b>Welded</b>	Bracing & Int	BG	10 mc		
	1	RDSO/B-16019		General Arrangement					A1
	2	RDSO/B-16019/A		General Arrangement					A1
	3	RDSO/B-16019/1		Details of splice x-frame, part & dispatch list					A1
	4	RDSO/B-16019/2		Assembly drawing					A1
	5	RDSO/B-16019/3		Bearing					A1
	6	RDSO/B-16019/4		Welding sequence					A2
<b>Plate Girder</b>		<b>DFC</b>	<b>18.3</b>	<b>Welded</b>	Bracing & Int	BG	10 mc		
	1	RDSO/B-16018		General Arrangement					A1
	2	RDSO/B-16018/1		Details of splice & bearings					A1
	3	RDSO/B-16018/2		Assembly drawing & dispatch list					A1
	4	RDSO/B-16018/3		Details of x-frame & part list					A1
	5	RDSO/B-16018/4		Welding sequence					A2
<b>Plate Girder</b>		<b>DFC</b>	<b>12.2</b>	<b>Welded</b>	Bracing & Int	BG	10 mc		
	1	RDSO/B-16017		General Arrangement				6/11/2012	A1
	2	RDSO/B-16017/1		Details of cross frame bearing & part list					A1
	3	RDSO/B-16017/2		Assembly drawing & dispatch list					A1
	4	RDSO/B-16017/3		Welding sequence					A2
<b>Plate Girder</b>		<b>25T</b>	<b>24.4</b>	<b>Welded</b>	Bracing & Int	BG			
	1	RDSO/B-16016/R		General Arrangement & Details of main girder and top plan				7/22/2014	A3
	2	RDSO/B-16016/1R		Details of splice joint & bottom sectional plan				2/8/2016	A3
	3	RDSO/B-16016/2R		Details of X-frame				2/8/2016	A3
	4	RDSO/B-16016/3R		Details of elastomeric bearing				7/22/2014	A3
	5	RDSO/B-16016/4R		Welded sequence				7/22/2014	A3
	6	RDSO/B-16016/5R		Part list & assembly drawings				2/8/2016	A3
<b>Plate Girder</b>		<b>25T</b>	<b>18.3</b>	<b>Welded</b>		BG	Revised Fatigue Provision		
	1	RDSO-B-16015R		General Arrangement				7/29/2016	A3
	2	RDSO-B-16015/1R		Details of splice, bearings & part list				7/29/2016	A3
	3	RDSO-B-16015/2R		Details of X frame & bearing				7/29/2016	A3
	4	RDSO-B-16015/3R		Elastomeric bearing details				11/21/2013	A3
	5	RDSO-B-16015/4R		Welding sequence				11/21/2013	A3
	6	RDSO-B-16015/6R		Details of top bracing for zone V				7/29/2016	A3
	7	RDSO-B-16015/5R		Part list & assembly drawing				7/29/2016	A3
<b>Plate Girder</b>		<b>25T</b>	<b>12.2</b>	<b>Welded</b>		BG	Revised Fatigue Provision		
	1	RDSO-B-16014/R1		General Arrangement				12/8/2016	A3
	2	RDSO-B-16014/1R1		Details of splice joint & bottom section plan.				12/8/2016	A3
	3	RDSO-B-16014/2R1		Details of X frame & bearing				12/8/2016	A3
	4	RDSO-B-16014/3R		Elastomeric bearing details				12/8/2016	A3
	5	RDSO-B-16014/4R		Welded sequence.				10/4/2013	A3
	6	RDSO-B-16014/5R1		Part list & assembly drawing				12/8/2016	A3
<b>Plate Girder</b>		<b>HML</b>	<b>24.4</b>	<b>Welded</b>	Bracing & Int	BG	10 mc		
	1	BA-16006		General Arrangement					A1
	2	BA-16006/A		General Arrangement					A1
	3	BA-16006/1		Details of Splice, Cross Frame, Part List & Dispatch List.					A1
	4	BA-16006/2		Assembly Drawing					A1
	5	BA-16006/3		Details of Bearings,					A1
	6	BA-16006/4		Welding Sequence					A2

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<b>Plate Girder</b>	<b>HML</b>	<b>18.3 Welded</b>	Bracing & Int	BG	10 mc	
1	BA-16008	General Arrangement				A1
2	BA-16008/1	Details of splices & bearings				A1
3	BA-16008/2	Assembly Drawing & Dispatch List				A1
4	BA-16008/3	Details of X-frame & part list				A1
5	BA-16008/4	Welding Sequence				A2
<b>Plate Girder</b>	<b>HML</b>	<b>12.2 Welded</b>	Bracing & Int	BG	10 mc	
1	BA-16007	General Arrangement				A1
2	BA-16007/1	Details X-frame, bearing and part list				A1
3	BA-16007/2	Assembly Drawing & Dispatch List				A1
4	BA-16007/3	Welding Sequence				A2
<b>Plate Girder</b>	<b>MBG</b>	<b>24.4 Welded</b>	Bracing & Int	BG	10 mc	
1	RDSO/B-16005	General Arrangement				A1
2	RDSO/B-16005/1	Details of splice x-frame, part & dispatch list				A1
3	RDSO/B-16005/2	Assembly drawing				A1
4	RDSO/B-16005/3	Details of Bearing, part list & dispatch list				A1
5	RDSO/B-16005/4	Welding sequence				A2
<b>Plate Girder</b>	<b>MBG</b>	<b>18.3 Welded</b>	Bracing & Int	BG	10 mc	
1	RDSO/B-16013	General Arrangement				A1
2	RDSO/B-16013/1	Details of splice & bearings				A1
3	RDSO/B-16013/2	Assembly drawing & dispatch list				A1
4	RDSO/B-16013/3	Details of x-frame & part list				A1
5	RDSO/B-16013/4	Welding sequence				A2
<b>Plate Girder</b>	<b>MBG</b>	<b>12.2 Welded</b>	Bracing & Int	BG	10 mc	
1	RDSO/B-16012	General Arrangement				A1
2	RDSO/B-16012/1	Details of cross frame bearing & part list				A1
3	RDSO/B-16012/2	Assembly drawing & dispatch list				A1
4	RDSO/B-16012/3	Welding sequence				A2
<b>Plate Girder</b>	<b>MGML</b>	<b>30.5 Welded</b>		MG		
1	BA-11026	General Arrangement			3/20/1973	A1
2	BA-11026/1	General Arrangement				A1
3	BA-11026/2	Cross Frame and Joint				A1
4	BA-11026/3	Bearings				A1
5	BA-11026/4	Part List				A1
6	BA-11026/5	Erection Drawing				A1
7	BA-11026/6	Shipping List				A1
<b>Plate Girder</b>	<b>MGML</b>	<b>24.4 Welded, Modified</b>		BG	Modification to MGML girder to Drg. No. BA-11025 for running of single /double WDM2 with BOX'N' wagon upto 100 kmph - 24.4m Clear Span	
1	RDSO/B-1642	General Arrangement				A1
2	RDSO/B-1642/1	Cross Frame and Joint				A1
3	RDSO/B-1642/2	Assembly Drawing				A1
4	RDSO/B-1642/3	Part List and Shipping List				A1
<b>Plate Girder</b>	<b>MGML</b>	<b>24.4 Welded</b>		MG		
1	BA-11025	General Arrangement			3/20/1973	A1
2	BA-11025/1	Cross Frame & Joint				A1
3	BA-11025/2	Erection Drawing				A1
4	BA-11025/3	Part and Shipping List				A1

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<b>Plate Girder</b>	<b>MGML</b>	<b>18.3 Welded, Modified</b>	<b>BG</b>	Modification to MGML girder to Drg. No.BA-11024 for running of single /double WDM2 with BOX'N' wagon upto 100 kmph - 18.3m Clear Span
		1 RDSO/B-1641 General Arrangement		A1
		2 RDSO/B-1641/1 Details		A1
		3 RDSO/B-1641/2 Assembly Drawing		A1
		4 RDSO/B-1641/3 Shipping List		A1
<b>Plate Girder</b>	<b>MGML</b>	<b>18.3 Welded</b>	<b>MG</b>	
		1 BA-11024 General Arrangement		3/20/1973 A1
		2 BA-11024/1 Details		A1
		3 BA-11024/2 Erection Drawing		A1
		4 BA-11024/3 Shipping List		A1
<b>Plate Girder</b>	<b>MGML</b>	<b>12.2 Welded, Modified</b>	<b>BG</b>	Modification to MGML girder to Drg. No.BA-11023 for running of single /double WDM2 with BOX'N' wagon upto 100 kmph - 12.2m Clear Span
		1 RDSO/B-1640 General Arrangement		A1
		2 RDSO/B-1640/1 Assembly Drawing and Shipping List		A1
<b>Plate Girder</b>	<b>MGML</b>	<b>12.2 Welded</b>	<b>MG</b>	
		1 BA-11023 General Arrangement		1/19/1979 A1
		2 BA-11023/1 Erection Drawing & Shipping List		A1
<b>Plate Girder</b>	<b>MGML</b>	<b>9.2 Welded, Modified</b>	<b>BG</b>	Modification to MGML girder to Drg.No. BA-11022 for running of single/ double WDM2 with BOX'N' wagon upto 100 kmph - 9.2m Clear Span
		1 RDSO/B-1639 General Arrangement		A1
		2 RDSO/B-1639/1 Assembly Drawing and Shipping List		A1
<b>Plate Girder</b>	<b>MGML</b>	<b>9.2 Welded</b>	<b>MG</b>	
		1 BA-11022 General Arrangement		3/20/1973 A1
		2 BA-11022/1 Erection Drawing & Shipping List		A1
<b>Plate Girder</b>	<b>MGML</b>	<b>6.1 Welded</b>	<b>MG</b>	
		1 BA-11041 MGML Standard Welded Type		A1
<b>Plate Girder</b>	<b>MGML</b>	<b>Welded</b>	<b>Curved Track MG</b>	
		1 BA-11027 MGML Standard Curved Track on Plate Girder Bridges Spans 6.1m, 9.2m, 12.2m to Drg.No. BA-564/M, BA-11022 and BA-11023		A2
		2 BA-11027/1 MGML Standard Curved Track on Plate Girder Bridge Spans 18.3m, 24.4m, 30.5m to Drg.No.BA-11024, BA-11025 and BA-11026		A2

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Structure	SN	Loading Std	Span	Type	Description	Sub Type	Gauge	Suitable For	Alt date	Size
<b>Composite</b>		<b>DFC</b>	<b>30.5</b>	<b>Welded</b>		Straight	BG	New fatigue criteria		
	1	RDSO/B-11762			General arrangement & details of main girder					A0
	2	RDSO/B-11762/1			Details of splice joint & stud shear connector					A1
	3	RDSO/B-11762/2			Assembly drawing					A1
	4	RDSO/B-11762/3			Details of x-frame and lifting beam					A1
	5	RDSO/B-11762/4			Details of elastomeric bearings					A1
	6	RDSO/B-11762/5			Part list & shipping list					A1
	7	RDSO/B-11762/7			Welding sequence					A2
<b>Composite</b>		<b>DFC</b>	<b>24.4</b>	<b>Welded</b>		Straight	BG	New fatigue criteria		
	1	RDSO/B-11761			Details of main girder					A0
	2	RDSO/B-11761/1			Details of splice joint & stud shear connector					A1
	3	RDSO/B-11761/2			Assembly drawing					A1
	4	RDSO/B-11761/3			Details of x-frame and lifting beam					A1
	5	RDSO/B-11761/4			Details of elastomeric bearings					A1
	6	RDSO/B-11761/5			Part list & shipping list					A1
	7	RDSO/B-11761/7			Welding sequence					A2
<b>Composite</b>		<b>DFC</b>	<b>18.3</b>	<b>Welded</b>		Straight	BG	New fatigue criteria		
	1	RDSO/B-11763			Details of main girder					A0
	2	RDSO/B-11763/1			Details of splice joint & stud shear connector					A1
	3	RDSO/B-11763/2			Assembly drawing					A1
	4	RDSO/B-11763/3			Details of x-frame and lifting beam					A1
	5	RDSO/B-11763/4			Details of elastomeric bearings					A1
	6	RDSO/B-11763/5			Part list & shipping list					A1
	7	RDSO/B-11763/7			Welding sequence					A2
<b>Composite</b>		<b>DFC</b>	<b>12.2</b>	<b>Welded</b>		Straight	BG	New fatigue criteria		
	1	RDSO/B-11764			Details of main girder					A0
	2	RDSO/B-11764/1			Details of splice joint & stud shear connector					A1
	3	RDSO/B-11764/2			Assembly drawing					A1
	4	RDSO/B-11764/3			Details of x-frame and lifting beam					A1
	5	RDSO/B-11764/4			Details of elastomeric bearings					A1
	6	RDSO/B-11764/5			Part list & shipping list					A2
	7	RDSO/B-11764/6			Details of Deck Slab				8/18/2014	A1
	8	RDSO/B-11764/7			Welding sequence					A2
<b>Composite</b>		<b>25T</b>	<b>30.5</b>	<b>Welded</b>		upto 2 degree	BG	10 mc		
	1	RDSO/B-11754/R1			General Arrangement & Details of main girder				5/13/2016	A3
	2	RDSO/B-11754/1/R1			Top Bottom Plan of main girder				2/12/2015	A3
	3	RDSO/B-11754/2/R1			Details of splice joint & stud shear connector				2/12/2015	A3
	4	RDSO/B-11754/3/R1			Details of x-frame and end diaphragm				2/12/2015	A3
	5	RDSO/B-11754/4/R1			Details of elastomeric bearings				2/12/2015	A3
	6	RDSO/B-11754/5/R1			Assembly drawing & Part list & shipping list				2/12/2015	A3
	7	RDSO/B-11754/7/R1			Welding sequence				2/12/2015	A3
	8	RDSO/B-11754/6			Details of deck slab (M 30)					A1
<b>Composite</b>		<b>25T</b>	<b>24.4</b>	<b>Welded</b>			BG	10 mc		
	1	RDSO/B-11751/R1			Details of main girder				3/8/2016	A3
	2	RDSO/B-11751/1R1			x section details and notes				5/13/2016	A3
	3	RDSO/B-11751/2R1			Details x-frame and end diaphragm				3/8/2016	A3
	4	RDSO/B-11751/3R1			Details of splice joints & stud shear connector				3/8/2016	A3

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	5	RDSO/B-11751/4/R2		Details of elastomeric bearing				3/8/2016	A3
	6	RDSO/B-11751/5R1		Assembly Drawing and part list & shipping list				3/8/2016	A3
	7	RDSO/B-11751/6R1		Welding sequence				3/8/2016	A3
	8	RDSO/B-11751/8		Details of Deck slab for curved track up to 4 degree					A1
<b>Composite</b>		<b>25T</b>	<b>18.3</b>	<b>Welded</b>	upto 4 degree BG		10 mc		
	1	RDSO/B-11753/R1		General arrangement & Details of main girder				5/13/2016	A3
	2	RDSO/B-11753/1R1		Top & bottom plan of main girder				5/18/2015	A3
	3	RDSO/B-11753/2R1		Details of int diaphragm and end diaphragm				12/6/2016	A3
	4	RDSO/B-11753/3R1		Assembly drawing & Part list & shipping list				5/18/2015	A3
	5	RDSO/B-11753/4R1		Details of splice joint & stud shear connector				5/18/2015	A3
	6	RDSO/B-11753/5R1		Details of elastomeric bearings				12/6/2016	A3
	7	RDSO/B-11753/6R1		Details of deck slab (M-30)				11/23/2015	A1
	8	RDSO/B-11753/7R1		Welding sequence				5/18/2015	A3
<b>Composite</b>		<b>25T</b>	<b>12.2</b>	<b>Welded</b>	upto 4 degree BG		10 mc		
	1	RDSO/B-11752/R		General arrangement & Details of main girder				5/5/2015	A3
	2	RDSO/B-11752/1R		Details of int. doaphragm and end diaphragm				5/5/2015	A3
	3	RDSO/B-11752/2R		Assembly drawing and part & shipping list				5/5/2015	A3
	4	RDSO/B-11752/3R		Details of splice joints and stud shear connector				5/5/2015	A3
	5	RDSO/B-11752/4R		Details of elastomeric bearings				5/5/2015	A3
	6	RDSO/B-11752/5		Details of deck slab (M-30)					A1
	7	RDSO/B-11752/6R		Welding sequence				5/5/2015	A3
<b>Composite</b>		<b>MBG</b>	<b>24.4</b>	<b>Welded</b>	Straight	BG			
	1	RDSO/B-1730		Details of main girder					A1
	2	RDSO/B-1730/1		Details of deck slab					A1
	3	RDSO/B-1730/2		Details of x-frame and lifting beam					A1
	4	RDSO/B-1730/3		Details of splice joint					A1
	5	RDSO/B-1730/4		Details of bearings					A1
	6	RDSO/B-1730/5		Erection Drawing					A1
	7	RDSO/B-1730/6		Part list & shipping list					A1
<b>Composite</b>		<b>MBG</b>	<b>20</b>	<b>Welded</b>	Straight	BG	straight track		
	1	RDSO/B-1581/R		Details of main girder					A1
	2	RDSO/B-1581/1/R		Details of deck slab					A1
	3	RDSO/B-1581/2/R		Details of cross frame					A1
	4	RDSO/B-1581/3/R		Details of bearings					A1
	5	RDSO/B-1581/4/R		assembly drawing, part list & shipping list					A1
<b>Composite</b>		<b>MBG</b>	<b>18.3</b>	<b>Welded, RH</b>	Straight	BG	Restricted depth		
	1	RDSO/B-1759		Details of main girder					A1
	2	RDSO/B-1759/1		Details of deck slab					A1
	3	RDSO/B-1759/2		Splice joint & shear connector					A1
	4	RDSO/B-1759/3		Details of bearings					A1
	5	RDSO/B-1759/4		Part list & shipping list					A1
	6	RDSO/B-1759/5		Erection Drawing					A1
<b>Composite</b>		<b>MBG</b>	<b>18.3</b>	<b>Welded</b>	Straight	BG	with depth of web plate 1350mm		
	1	RDSO/B-1534/R		Details of main girder					A0
	2	RDSO/B-1534/1		Details of deck slab					A1
	3	RDSO/B-1534/2/R		Details of splice joint & shear connector					A1
	4	RDSO/B-1534/3/R		Details of bearing					A2
	5	RDSO/B-1534/4/R		Part list & shipping list					A1
	6	RDSO/B-1534/5/R		Erection Drawing					A1
	7	RDSO/B-1738		Stud shear connector					A1

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<b>Composite</b>	<b>MBG</b>	<b>12.2 Welded</b>	Straight	BG	upto 4 degree	
	1 RDSO/B-1569/R	Details of main girder				A1
	2 RDSO/B-1569/1/R	Details of bearing & cross frame details				A1
	3 RDSO/B-1569/2/R	Assembly drawing				A1
	4 RDSO/B-1569/3/R	Part list & shipping list				A1
	5 RDSO/B-1569/4/R	Details of deck slab				A1
	6 RDSO/B-1731	Stud shear connector				A1
<b>Composite</b>	<b>MBG</b>	<b>9.15 Welded</b>	Straight	BG	straight track	
	1 RDSO/B-1623	Details of main girder				A1
	2 RDSO/B-1623/1	Bearing details & Part list				A1
	3 RDSO/B-1623/2	Details of x-frame and lifting arrangement				A1
	4 RDSO/B-1623/3	assembly drawing & shipping list				A1
	5 RDSO/B-1623/4	Details of deck slab				A1
	6 RDSO/B-1701	Stud shear connector				A1
<b>Composite</b>	<b>MGML</b>	<b>12.2 Welded</b>		MG		
	1 RDSO/B-516/1	Composite Bridge (Steel and Concrete) Span 12.2m MGML Standard				A1
	2 RDSO/B-516/2	Composite Bridge (Steel and Concrete) Span 12.2m MGML Standard - Bearing				A1
	3 RDSO/B-516/3	Composite Bridge (Steel and Concrete) Span 12.2m MGML Standard – Details of deck slab				A1

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Structure	SN	Loading Std	Span	Type	Sub Type	Gauge	Suitable For	Alt date	Size
	Drg No			Description					
<b>PSC Girder</b>		<b>25T</b>	<b>24.4</b>	<b>Box girder</b>	Post	BG	Box girder		
	1	RDSO/B-10270		Concrete Dimensions					A1
	2	RDSO/B-10270/1		Details of Cable Profile					A1
	3	RDSO/B-10270/2		Detail of Reinforcement					A1
	4	RDSO/B-10270/3		Details of Reinforcement					A1
	5	RDSO/B-10270/4		Bar Bending Schedule and Miscellaneous Details					A1
<b>PSC Girder</b>		<b>25T</b>	<b>18.3</b>	<b>2I Girder</b>	Post	BG	Zone V		
	1	RDSO/B-10273		General Arrangement					A1
	2	RDSO/B-10273/1		Cable Profile stress chart & deflection					A1
	3	RDSO/B-10273/2		Detail of Reinforcement					A1
	4	RDSO/B-10273/3		Details of anchorage & expansion joint					A1
	5	RDSO/B-10273/4		Elastomeric bearing & seismic Resrainer					A1
<b>PSC Girder</b>		<b>25T</b>	<b>18.3</b>		Post	BG	U Girder		
	1	RDSO/B-10276		General Arrangement				2/26/2016	A1
	2	RDSO/B-10276/1		Details of Cable Profile				2/26/2016	A1
	3	RDSO/B-10276/2		Detail of Reinforcement				2/26/2016	A1
	4	RDSO/B-10276/4		Elastomeric bearing & expansion joint				2/26/2016	A1
	5	RDSO/B-10276/3		Bar bending Schedule & anchorage details				2/26/2016	A1
<b>PSC Girder</b>		<b>25T</b>	<b>12.2</b>	<b>4I on curves</b>	Post	BG	4I Girder, resticted girder, on curves		
	1	RDSO/B-10256		General Arrangement					A1
	2	RDSO/B-10256/1		Details of cable profile					A1
	3	RDSO/B-10256/2		Diaphragm cable layout					A1
	4	RDSO/B-10256/3		Details of reinforcement					A1
<b>PSC Girder</b>		<b>25T</b>	<b>12.2</b>	<b>2I straight track</b>	Post	BG	I girder, straight track, c/c of pier 13.4 m		
	1	RDSO/B-10258		General Arrangement					A1
	2	RDSO/B-10258/1		Cable Profile stress chart & deflection					A1
	3	RDSO/B-10258/2		Detail of Reinforcement					A1
	4	RDSO/B-10258/3		Details of anchorage & expansion joint					A1
<b>PSC Girder</b>		<b>25T</b>	<b>12.2</b>	<b>2I curved track (2.5 degree)</b>	Post	BG	I girder, curved track upto 2.5 degree		
	1	RDSO/B-10265		General Arrangement					A1
	2	RDSO/B-10265/1		Cable Profile stress chart & deflection					A1
	3	RDSO/B-10265/2		Detail of Reinforcement					A1
	4	RDSO/B-10265/3		Details of anchorage & expansion joint					A1
<b>PSC Girder</b>		<b>25T</b>	<b>12.2</b>		Post	BG	U Girder		
	1	RDSO/B-10275		General Arrangement				9/15/2015	A1
	2	RDSO/B-10275/1		Details of Cable Profile				9/15/2015	A1
	3	RDSO/B-10275/2		Detail of Reinforcement				9/15/2015	A1
	4	RDSO/B-10275/4		Elastomeric bearing & expansion joint				9/15/2015	A1
	5	RDSO/B-10275/3		Bar bending Schedule & anchorage details				9/15/2015	A1
<b>PSC Girder</b>		<b>HML</b>	<b>18.3</b>	<b>2I</b>	Post	BG			
	1	BA-10233		General Arrangement					A1
	2	BA-10233/1		Details of cable profile, stress sheet and sequential deflection					A1
	3	BA-10233/2		Details of reinforcement					A1
	4	BA-10233/3		Bar bending and quantity schedule					A1

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PSC Girder Structure	HML Loading	12.2 Std	2I Span Type	Post Sub Type	BG Gauge	Suitable For	Alt date	Size
SN	Drg No	Description						
	1 BA-10234	General Arrangement						A1
	2 BA-10234/1	Details of cable profile, stress sheet & sequential deflection						A1
	3 BA-10234/2	Details of reinforcement						A1
	4 BA-10234/3	Bar bending and quantity schedule						A1
<b>PSC Girder</b>	<b>MBG</b>	<b>45.1</b>	<b>Box Girder</b>	Post	BG			
	1 BA-10232	General Arrangement					4/20/2001	A1
	2 BA-10232/1	Cable Profile						A1
	3 BA-10232/2	Reinforcement						A1
	4 BA-10232/3	Bar Bending and Quality Schedule						A1
	5 BA-10232/4	Reinforcement of Diaphragm and Tendon Anchorage						A1
	6 BA-10232/5	Stress Sheet, Vertical Profile of Cable and Deflection Sequence						A1
	7 BA-10232/6	Pin Bearing					5/11/2007	A1
<b>PSC Girder</b>	<b>MBG</b>	<b>30.5</b>	<b>Box Girder, Segmental Construction</b>	Post	BG			
	1 BA-10222	General Arrangement and Elastomeric Bearing					4/20/2001	A1
	2 BA-10222/1	Cable Profile					1/8/1996	A1
	3 BA-10222/2	Stress Sheet, Cable Profile and Deflection.					1/8/1996	A1
	4 BA-10222/3	Reinforcement of PSC Box Girder					1/8/1996	A1
	5 BA-10222/4	Reinforcement of Diaphragm and Tangn Anchorage Tendon					1/8/1996	A1
	6 BA-10222/5	Bar Bending & Quantity Schedule					1/8/1996	A1
	7 BA-10222/6	Shear Key and Expansion Joint					1/8/1996	A1
<b>PSC Girder</b>	<b>MBG</b>	<b>30.5</b>	<b>Box Girder</b>	Post	BG			
	1 RDSO/B-10242	Concrete Dimensions						A1
	2 RDSO/B-10242/1	Details of cable profile						A1
	3 RDSO/B-10242/2	Details of reinforcement (sheet 1 of 2)						A1
	4 RDSO/B-10242/3	Details of reinforcement (sheet 2 of 2)						A1
	5 RDSO/B-10242/4	Bar bending schedule and miscellaneous details						A1
<b>PSC Girder</b>	<b>MBG</b>	<b>30.5</b>	<b>Bearing</b>	Pot-PTFE	BG			
	1 RDSO/B-10253	Pot-PTFE Fixed Bearing						A1
	2 RDSO/B-10253/1	Pot-PTFE Transverse Bearing						A1
	3 RDSO/B-10253/2	Pot-PTFE Longitudinal Bearing						A1
	4 RDSO/B-10253/3	Pot-PTFE Free Bearing						A1
<b>PSC Girder</b>	<b>MBG</b>	<b>29.87</b>	<b>Box Girder, ballastless</b>	Post	BG	Box Girder, ballastless		
	1 RDSO/B-1732	General Arrangement						A1
	2 RDSO/B-1732/1	Cable Profile						A1
	3 RDSO/B-1732/2	Reinforcement of PSC Box Girder						A1
	4 RDSO/B-1732/3	Reinforcement of Diaphragm and Tendon Anchorage						A1
	5 RDSO/B-1732/4	Bar Bending and Quality Schedule						A1
	6 RDSO/B-1732/5	Stress Table, Cable Profile and Deflection						A1
<b>PSC Girder</b>	<b>MBG</b>	<b>24.4</b>	<b>Box Girder</b>	Post	BG			
	1 BA-10243	Concrete Dimensions						A1
	2 BA-10243/1	Details of cable profile						A1
	3 BA-10243/2	Details of reinforcement (sheet 1 of 2)						A1
	4 BA-10243/3	Details of reinforcement (sheet 2 of 2)						A1
	5 BA-10243/4	Bar bending schedule and miscellaneous details						A1
<b>PSC Girder</b>	<b>MBG</b>	<b>18.3</b>	<b>Old Code, 2I c/c of pier 20.15m</b>	Post	BG			
	1 BA-10227	General Arrangement					4/20/2001	A1
	2 BA-10227/1	Cable Profile Stress Chart and Deflection					1/8/1996	A1
	3 BA-10227/2	Detail of Reinforcement					1/8/1996	A1
	4 BA-10227/3	Detail of Anchorage and Expansion Joint					1/8/1996	A1

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<b>PSC Girder</b>	<b>MBG</b>	<b>18.3 4I</b>	Post	BG	4 I Girders, restricted height	
1	RDSO/B-10245/R	General Arrangement & Bearing				A1
2	RDSO/B-10245/1/R	Details of cable profile				A1
3	RDSO/B-10245/2/R	Diaphragm Cable Layout				A1
4	RDSO/B-10245/3/R	Details of Reinforcement				A1
<b>PSC Girder</b>	<b>MBG</b>	<b>18.3 2I, New code</b>	Post	BG	I Girder, New Codal Provision, Gap 1200mm, C/c of pier 19.80 m	
1	BA-10247	Concrete Dimensions				A1
2	BA-10247/1	Details of cable profile stress chart & deflection				A1
3	BA-10247/2	Details of reinforcement				A1
4	BA-10247/3	Details of anchorage & expansion joint				A1
<b>PSC Girder</b>	<b>MBG</b>	<b>12.2 Old Code, 750mm Gap, c/c of Pier 14.11m</b>	Post	BG		
1	BA-10223	General Arrangement (suitable for PQRS loading)				4/11/2001 A1
2	BA-10223/1	Cable Profile Stress Chart and Deflection (suitable for PQRS loading)				4/4/2001 A1
3	BA-10223/2	Detail of Reinforcement (suitable for PQRS loading)				3/27/2001 A1
4	BA-10223/3	Detail of Anchorage and Expansion Joint (suitable for PQRS loading)				3/27/2001 A1
<b>PSC Girder</b>	<b>MBG</b>	<b>12.2 New Code, 750mm Gap, c/c of Pier 14.11m</b>		BG	Gap 750mm New Codal Provision, c/c of pier 14.11 m	
1	RDSO/B-10246	General Arrangement (suitable for PQRS loading)				A1
2	RDSO/B-10246/1	Cable Profile Stress Chart and Deflection (suitable for PQRS loading)				A1
3	RDSO/B-10246/2	Detail of Reinforcement (suitable for PQRS loading)				A1
4	RDSO/B-10246/3	Detail of Anchorage and Expansion Joint (suitable for PQRS loading)				A1
<b>PSC Girder</b>	<b>MBG</b>	<b>12.2 Gap 1200 mm, c/c of pier 14.11 m</b>	Post	BG	Gap 1200 mm, c/c of pier 14.11 m	
1	RDSO/B-10254(A)	General Arrangement				A1
2	RDSO/B-10254(A)/1	Cable Profile Stress Chart & Deflection				A1
3	RDSO/B-10254(A)/2	Details of reinforcement				A1
4	RDSO/B-10254(A)/3	Details of Anchorage Expansion Joint				A1
<b>PSC Girder</b>	<b>MBG</b>	<b>12.2 Gap 1200 mm, c/c of pier 13.4 m</b>	Post	BG	Gap 1200 mm, c/c of pier 13.4 m	
1	RDSO/B-10254	General Arrangement				A1
2	RDSO/B-10254/1	Stress Chart & Deflection				A1
3	RDSO/B-10254/2	Details of reinforcement				A1
4	RDSO/B-10254/3	Expansion Joints				A1
<b>PSC Girder</b>	<b>MBG</b>	<b>12.2 4I</b>	Post	BG	4 I Girders, restricted height	
1	RDSO/B-10244/R	General Arrangement & Bearing				A1
2	RDSO/B-10244/1/R	Details of cable profile,				A1
3	RDSO/B-10244/2/R	Details of cable layout				A1
4	RDSO/B-10244/3/R	Details of reinforcement				A1
<b>PSC Girder</b>	<b>MBG</b>	<b>12.2 3T</b>		BG	3 T Girders	
1	RDSO/B-1752	General Arrangement				A1
2	RDSO/B-1752/1	Reinforcement and Bar Bending Schedule				A1
3	RDSO/B-1752/2	Strands, Stress Table and Deflection				A1
<b>PSC Girder</b>	<b>RBG</b>	<b>18.3 Fit for MBG</b>	Pretensioned	BG	MBG	
1	RDSO/B-1519	18.3m RBG Std. (with 4500mm Deck Width) Alignment.	Suitable for MBG St.			A1

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		Drg No		Description					
PSC Slab	1	RDSO/B-10269	9.15	<b>Pre-tensioned</b> Precast (pretensioned) concrete slab (3 unit) span 9.15m for DFC loading (32.5t axle load)		BG	3 units		A1
PSC Slab	1	RDSO/B-10264	6.1	<b>Pre-tensioned</b> Concrete slab (3 unit) span 6.10m		BG	3 units		A1
PSC Slab	1	RDSO/B-10268	4.57	<b>Pre-tensioned</b> Precast (pretensioned) concrete slab (2 unit) span 4.57m for DFC loading (32.5t axle load)		BG	2 units		A1
PSC Slab	1	RDSO/B-10267	3.66	<b>Pre-tensioned</b> Precast (pretensioned) concrete slab (2 unit) span 3.66m for DFC loading (32.5t axle load)		BG	2 units		A1
PSC Slab	1	RDSO/B-10266	3.05	<b>Pre-tensioned</b> Precast (pretensioned) concrete slab (2 unit) span 3.05m for DFC loading (32.5t axle load)		BG	2 units		A1
PSC Slab	1	RDSO/B-10271	12.2	<b>Post-tensioned</b> General arrangement & cable profile		BG	4 units	5/27/2011	A1
	2	RDSO/B-10271/1		Details of reinforcement					A1
PSC Slab	1	BA-10263	9.15	<b>Pre-tensioned</b> Concrete slab (3 unit) span 9.15m		BG	3 units	2/12/2014	A1
PSC Slab	1	BA-10279	9.15	<b>Post-tensioned (post tension)</b> (2 unit) span 9.15m(M60)		BG	2 units (M60) GRADE	4/6/2017	A1
PSC Slab	1	RDSO/B-10272/R	9.15	<b>Post-tensioned</b> General arrangement & cable profile		BG	2 units	1/27/2015	A1
PSC Slab	1	BA-10257	6.1	<b>Pre-tensioned</b> Concrete slab (2 unit) span 6.1m		BG	2 units	7/21/2014	A1
PSC Slab	1	BA-10261	4.57	<b>Pre-tensioned</b> Concrete slab (2 unit) span 4.57m		BG	2 units	2/12/2014	A1
PSC Slab	1	RDSO/B-10280	4.57	<b>Post-tensioned (post tension)</b> span 4.57m(M45)		BG	2 units (M45) GRADE	5/19/2017	A1
PSC Slab	1	BA-10260	3.66	<b>Pre-tensioned</b> Concrete slab (2 unit) span 3.66m		BG	2 units	2/12/2014	A1
PSC Slab	1	BA-10278	3.66	<b>Post-tensioned (post tension)</b> Concrete slab (2 unit) span 3.66m		BG	2 units	9/30/2016	A1
PSC Slab	1	BA-10277	3.05	<b>Pre-tensioned (post tension)</b> Concrete slab (2 unit) span 3.05m		BG	2 units	9/30/2016	A1
PSC Slab	1	BA-10259	3.05	<b>Pre-tensioned</b> Concrete slab (2 unit) span 3.05m		BG	2 units	2/12/2014	A1
PSC Slab	1	RDSO/B-10255	12.2	<b>Post-tensioned</b> General arrangement & cable profile		BG	4 units		A1
	2	RDSO/B-10255/1		Details of reinforcement					A1
	3	RDSO/B-10255/2		Seismic restrainer of solid slab for single track					A1
PSC Slab	1	BA-10238	6.1	<b>Pre-tensioned</b> Pretensioned PSC Slab with 3 units span 6.1m		BG	3 units	1/31/2002	A1
PSC Slab	1	BA-10251	4.57	<b>Pre-tensioned</b> Precast prestressed (pretensioned) concrete slab span 4.57m		BG	2 units		A1
PSC Slab	1	BA-10250	3.66	<b>Pre-tensioned</b> Precast prestressed (pretensioned) concrete slab span 3.66m		BG	2 units		A1

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Structure	SN	Drg No	Loading Std	Span	Type	Description	Sub Type	Gauge	Suitable For	Alt date	Size
PSC Slab	1	BA-10249	HML	3.05	Pre-tensioned	Precast prestressed (pretensioned) concrete slab span 3.05m		BG	2 units		A1
PSC Slab	1	BA-10248	MBG	12.2	Post-tensioned	General arrangement & cable profile		BG	4 units	3/10/2012	A1
	2	BA-10248/1				Details of reinforcement				3/10/2012	A1
PSC Slab	1	BA-10240	MBG	9.15	Pre-tensioned	Pretensioned PSC slab with 3 units span 9.15m		BG	3 units	6/26/2008	A1
PSC Slab	1	BA-10241	MBG	9.15	Post-tensioned	Post tensioned PSC Slab Span 9.15m		BG	2 units		A1
PSC Slab	1	BA-10239	MBG	6.1	Pre-tensioned, 3unit	Pretensioned PSC slab with 3 units span 6.1m		BG	3 units		A1
PSC Slab	1	BA-10221/R	MBG	6.1	Pre-tensioned, 2unit	Precast Prestressed Concrete Slab	6.1m	BG	2 units	4/17/2001	A1
PSC Slab	1	BA-10237	MBG	4.57	Pre-tensioned	Precast Prestressed Concrete Slab span 4.57m		BG	2 units		A1
PSC Slab	1	BA-10236	MBG	3.66	Pre-tensioned	Precast Prestressed Concrete Slab span 3.66m		BG	2 units		A1
PSC Slab	1	BA-10235	MBG	3.05	Pre-tensioned	Precast Prestressed Concrete Slab span 3.05m		BG	2 units	8/9/2001	A1
PSC Slab	1	BA-10208	MGML	6.1	Pre-tensioned	Precast Prestressed Concrete Slab Top Span 6.1m		MG	2 units	10/21/1966	A1
PSC Slab	1	BA-10229	MMG		RCC	Precast RCC Bed Block for Multiple Spans of 3.66, 4.57m and 6.10m (Suitable for Gauge Conversion).	Bed Block	BG	GC		A1
PSC Slab	1	RDSO/B-1601	MMG		Pre-tensioned	Precast Prestressed Concrete Slabs Spans 3.05m, 3.66m, 4.57m and 6.1m for Meter Gauge (Suitable for MMG Loading-1988 and with additional Unit on Gauge Conversion).		BG	GC	6/13/1991	A1
	2	BA-10228				Precast Prestressed Concrete Slabs Spans 3.66m, 4.57m and 6.1m for (Suitable for Gauge Conversion).					A1

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Structure	SN	Loading Std	Span	Type	Sub Type	Gauge	Suitable For	Alt date	Size
		Drg No		Description					
<b>RC Slab</b>	1	<b>DFC</b>		<b>M-35, Extreme Environment</b>		BG			
		BA-10062/1		Precast R.C. bridge Slab standard span 0.61, 0.915, 1.22, 1.83 & 2.44m DFC Loading (Concrete Grade M-35) For severe environment exposure condition.				1/3/2014	A1
<b>RC Slab</b>	1	<b>DFC</b>		<b>M-30, Moderate Environment</b>		BG			
		BA-10062		Precast R.C. bridge Slab standard span 0.61, 0.915, 1.22, 1.83 & 2.44m DFC Loading (Concrete Grade M-30)				1/13/2012	A1
<b>RC Slab</b>	1	<b>25T</b>		<b>M-35, Severe Environment</b>		BG			
		BA-10063/1		Precast R.C. bridge Slab standard span 0.61, 0.915, 1.22, 1.83 & 2.44m 25t loading – 2008 (Concrete Grade M-35)For severe environment exposure condition.				1/3/2014	A1
<b>RC Slab</b>	1	<b>25T</b>		<b>M-35, Extreme Environment</b>		BG			
		BA-10063/2		Precast R.C. bridge Slab standard span 0.61, 0.915, 1.22, 1.83 & 2.44m 25t loading – 2008 (Concrete Grade M-35)For Extreme environment exposure condition.				1/3/2014	A1
<b>RC Slab</b>	1	<b>25T</b>		<b>M-25, Moderate Environment</b>		BG			
		BA-10063		Precast R.C. bridge Slab standard span 0.61, 0.915, 1.22, 1.83 & 2.44m 25t loading – 2008 (Concrete Grade M-25)				1/13/2012	A1
<b>RC Slab</b>	1	<b>HML</b>		<b>M-30</b>		BG			
		BA-10060		Precast RC bridge slab std. span 0.61, 0.915, 1.22, 1.83 & 2.44m HM loading-1995 (Conc. Grade M-30)					A1
<b>RC Slab</b>	1	<b>MBG</b>		<b>M-30</b>		BG			
		BA-10052		Span 0.61m, 0.915m, 1.22m, 1.83m & 2.44m (Concrete Grade M-30)				4/23/2000	A0
<b>RC Slab</b>	1	<b>MBG</b>		<b>M-25</b>		BG			
		BA-10051		Span 0.61m, 0.915m, 1.22m, 1.83m & 2.44m (Concrete Grade M-25)				4/23/2000	A0
<b>RC Slab</b>	1	<b>MBG</b>		<b>Approach Slab</b>		BG			
		BA-10059		General arrangement and details of R.C. approach slab MBG loading-1987					A1
<b>RC Slab</b>	1	<b>MGML</b>			MG		Existing MGML Suitable for MBG for Gauge Conversion		
		RDSO/B-1740		2 Unit Slabs with Additional Unit for Gauge Conversion 0.61m, 0.915m, 2.44m, 3.05m, 3.66m, 4.57m			(M-25), spans		A1
		RDSO/B-1741		4 Unit Slabs with Additional Unit for Gauge Conversion 0.61m, 0.915m, 2.44m, 3.05m, 3.66m, 4.57m			(M-25), spans		A1
<b>RC Slab</b>	1	<b>MMG</b>		<b>Pre-cast</b>		MG	Precast RC Bridge Slab (Metre Gauge) Spans 0.61m, 0.915m, 1.22m, 1.83m and 2.44m (Suitable for MMG and with Additional Unit for MBG for Gauge Conversion)		
		RDSO/B-1600		General Arrangement					A1
		RDSO/B-1600/1		0.61m Quantity and Bar Bending Schedule					A1
		RDSO/B-1600/2		0.915m Quantity and Bar Bending Schedule					A1
		RDSO/B-1600/3		1.22m Quantity and Bar Bending Schedule					A1
		RDSO/B-1600/4		1.83m Quantity and Bar Bending Schedule					A1
		RDSO/B-1600/5		2.44m Quantity and Bar Bending Schedule					A1

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RC Slab	MMG	MG	Existing MMG Suitable for MBG for Gauge Conversion					
Structure	Loading Std	Span	Type	Sub Type	Gauge	Suitable For	Alt date	Size
SN	Drg No	Description						
1	RDSO/B-1742	2 Unit Slabs with Additional Unit for Gauge Conversion				(M-25)		A1
2	RDSO/B-1743	5 Unit Slabs with Additional Unit for Gauge Conversion				(M-25)		A1

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Structure	SN	Loading Std	Span	Type	Description	Sub Type	Gauge	Suitable For	Alt date	Size
<b>RCC Box</b>		<b>MBG, HML</b>		<b>Single BOX</b>			BG			
	1	RDSO/M-00004			Standard drawing of single box	culvert (General Arrangement)			10/18/2018	A1
	2	RDSO.M-00008			Standard drawing of limited subway	General Arrangement			11/1/2010	A1
<b>RCC Box</b>		<b>MBG, HML</b>		<b>Double Box</b>			BG			
	1	RDSO/M-00005			Standard drawings of double box culvert	(General Arrangement)			10/18/2018	A1
<b>RCC Box</b>		<b>DFC</b>		<b>Single Box, Str, Single Track</b>			BG			
	1	RDSO/B-10151/R			General arrangement				10/18/2018	A1
	2	RDSO/B-10151/1R			Structural design details for 0.0m fill height.				7/27/2016	A1
	3	RDSO/B-10151/2R			Structural design details for 1.0m fill height.				7/27/2016	A1
	4	RDSO/B-10151/3R			Structural design details for 2.0m fill height.				7/27/2016	A1
	5	RDSO/B-10151/4R			Structural design details for 3.0m fill height.				7/27/2016	A1
	6	RDSO/B-10151/5R			Structural design details for 4.0m fill height.				7/27/2016	A1
	7	RDSO/B-10151/6R			Structural design details for 5.0m fill height.				7/27/2016	A1
	8	RDSO/B-10151/7R			Structural design details for 6.0m fill height.				7/27/2016	A1
	9	RDSO/B-10151/8R			Structural design details for 8.0m fill height.				7/27/2016	A1
	10	RDSO/B-10151/9R			Structural design details for 10.0m fill height.				7/27/2016	A1
<b>RCC Box</b>		<b>DFC</b>		<b>Single Box, Segmental</b>		RUB, LHS	BG	Segmental		
	1	RDSO/B-10156			General arrangement part-I				10/18/2018	A1
	2	RDSO/B-10156/1			Structural design details for 1.0m fill height.				8/13/2015	A1
	3	RDSO/B-10156/2			Structural design details for 0.0m, 0.5, and 1.0 fill height.					A1
<b>RCC Box</b>		<b>DFC</b>		<b>Single Box, Double Track, 4Degree</b>		RUB, LHS	BG	Segmental		
	1	RDSO/B-10157			General arrangement part-I				10/18/2018	A1
	2	RDSO/B-10157/1			Structural design details for 0.0m fill height.					A1
	3	RDSO/B-10157/2			Structural design details for 1.0m fill height.					A1
	4	RDSO/B-10157/3			Structural design details for 2.0m fill height.					A1
	5	RDSO/B-10157/4			Structural design details upto 2.0m fill height.				5/16/2014	A1
<b>RCC Box</b>		<b>DFC</b>		<b>Double Box</b>			BG			
	1	RDSO/B-10154/R			General arrangement				1/16/2018	A1
	2	RDSO/B-10154/1R			Structural design details for 0.0m fill height.				1/16/2018	A1
	3	RDSO/B-10154/2R			Structural design details for 1.0m fill height.				1/16/2018	A1
	4	RDSO/B-10154/3R			Structural design details for 2.0m fill height.				1/16/2018	A1
	5	RDSO/B-10154/4R			Structural design details for 3.0m fill height.				1/16/2018	A1
	6	RDSO/B-10154/5R			Structural design details for 4.0m fill height.				1/16/2018	A1
	7	RDSO/B-10154/6R			Structural design details for 5.0m fill height.				1/16/2018	A1
	8	RDSO/B-10154/7R			Structural design details for 6.0m fill height.				1/16/2018	A1
	9	RDSO/B-10154/8R			Structural design details for 8.0m fill height.				1/16/2018	A1
	10	RDSO/B-10154/9R			Structural design details for 10 m fill height.				1/16/2018	A1
<b>RCC Box</b>		<b>25T</b>		<b>Single Box, Str, Single Track</b>			BG			
	1	RDSO/B-10152R			General arrangement				10/18/2018	A1
	2	RDSO/B-10152/1R			Structural design details for 0.0m fill height.				8/4/2015	A1
	3	RDSO/B-10152/2R			Structural design details for 1.0m fill height.				8/4/2015	A1
	4	RDSO/B-10152/3R			Structural design details for 2.0m fill height.				8/4/2015	A1
	5	RDSO/B-10152/4R			Structural design details for 3.0m fill height.				8/4/2015	A1
	6	RDSO/B-10152/5R			Structural design details for 4.0m fill height.				8/4/2015	A1
	7	RDSO/B-10152/6R			Structural design details for 5.0m fill height.				8/4/2015	A1
	8	RDSO/B-10152/7R			Structural design details for 6.0m fill height.				8/4/2015	A1
	9	RDSO/B-10152/8R			Structural design details for 8.0m fill height.				8/4/2015	A1
	10	RDSO/B-10152/9R			Structural design details for 10 m fill height.				8/4/2015	A1

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<b>RCC Box</b>	<b>25T</b>	<b>Single Box, Segmental</b>	<b>RUB, LHS</b>	<b>BG</b>	<b>Segmental</b>	
1	RDSO/B-10153	General arrangement (Part –I)				10/18/2018 A1
2	RDSO/B-10153/1	General arrangement (Part –II)				8/13/2015 A1
3	RDSO/B-10153/2	Structural design details for 0.0m 0/5m & 1.0 fill height.				A1
4	RDSO/B-10153/2A	Structural design details for 0.0m 0/5m & 1.0 fill height.				2/8/2017 A1
5	RDSO/B-10153/3	Standard drawing of segmental RCC Box culvert for Limited Height Subway (Structure design detail for 0.0 m fill)				7/3/2014 A3
6	RDSO/B-10153/3A	Standard drawing of segmental RCC Box culvert for Limited Height Subway (Structure design detail for 0.0 m fill)				2/8/2017 A3
<b>RCC Box</b>	<b>25T</b>	<b>Single Box, Double Track, 4Degree</b>	<b>Double Track</b>	<b>BG</b>	<b>upto 4 degree</b>	
1	RDSO/B-10155	General arrangement				10/18/2018 A1
2	RDSO/B-10155/1	Structural design details for 0.0m fill height.				10/16/2012 A1
3	RDSO/B-10155/2	Structural design details for 1.0m fill height.				A1
4	RDSO/B-10155/3	Structural design details for 2.0m fill height.				A1
5	RDSO/B-10155/4	Structural design details for 3.0m fill height.				A1
6	RDSO/B-10155/5	Structural design details for 4.0m fill height.				A1
7	RDSO/B-10155/6	Structural design details for 5.0m fill height.				A1
8	RDSO/B-10155/7	Structural design details for 6.0m fill height.				A1
9	RDSO/B-10155/8	Structural design details for 8.0m fill height.				A1
10	RDSO/B-10155/10	Structural design details for 0.0-10.0 m fill height.				2/28/2014 A1
<b>RCC Box</b>	<b>25T</b>	<b>Double Box</b>	<b>Staright Track</b>	<b>BG</b>		
1	RDSO/B-10158	General Arrangement				10/18/2018 A1
2	RDSO/B-10158/2	Structural design details for 1.0m fill height.				4/24/2015 A1
3	RDSO/B-10158/1	Structural design details for 0.0m fill height.				2/27/2015 A1
4	RDSO/B-10158/2A	Structural design details for 1.0m fill height.				4/24/2015 A1
5	RDSO/B-10158/1A	Structural design details for 0.0m fill height.				2/27/2015 A1

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		Drg No		Description					
<b>Abutment</b>	1	<b>DFC</b>	<b>9.15</b>			BG	M-25, PSC Slab 3 unit		A1
		RDSO/B-10344		Mass concrete (M-25) abutment for 9.15 span precast (Pretensioned) PSC slab (3unit) DFC loading seismic zone II & III.					
<b>Abutment</b>	1	<b>DFC</b>	<b>6.1</b>			BG	M-25, PSC Slab 3 unit		A1
		RDSO/B-10342		Mass concrete (M-25) abutment for 6.1m span precast (Pretensioned) PSC slab (3unit) DFC loading 32.5t axle load) seismic zone II & III					
<b>Abutment</b>	1	<b>25T</b>	<b>12.2</b>	<b>for PSC Slab 2 unit</b>		BG	M-25, PSC Slab 2 unit		A1
		RDSO/B-10350R		Mass concrete M-25 abutment for 12.2m post tensioned psc slab 2 unit 25t loading-2008 seismic zone-II & III					
<b>Abutment</b>	1	<b>25T</b>	<b>12.2</b>	<b>for Composite Girder</b>		BG	M-25, Comp		A1
		RDSO/B-10348		Mass concrete M-25 abutment for 12.2m composite girder (welded type)					
<b>Abutment</b>	1	<b>25T</b>	<b>12.2</b>	<b>2I Girder</b>		BG	M-25, 2I Girder		A1
		RDSO/B-10346		Mass concrete (M-25) abutment for 12.2 m span psc 2 I girder (post ten. Type)					
<b>Abutment</b>	1	<b>25T</b>	<b>9.15</b>	<b>PSC Slab 3 unit</b>		BG	M-25, PSC Slab 3 unit	12/30/2013	A1
		BA-10340		Mass concrete (M-25) abutment for 9.15m span precast (Pretensioned) PSC slab (3 unit) (Seismic zone I to III)					
<b>Abutment</b>	1	<b>25T</b>	<b>9.15</b>	<b>PSC Slab 2 unit</b>		BG		5/12/2015	A1
		RDSO/B-10354		RCC abutment for more than 4m & upto 6m height for 9.15m Post-tensioned PSC slab (2 units) Seismic zone upto V					
	2	RDSO/B-10353		RCC abutment upto 4m height for 9.15m Post-tensioned PSC slab (2 units) Seismic zone upto V				5/12/2015	A1
	3	RDSO/B-10352		Mass concrete M-25 abutment for 9.15m post tensioned psc slab 2 unit 25t loading-2008 seismic zone-II & III					A1
<b>Abutment</b>	1	<b>25T</b>	<b>6.1</b>	<b>PSC Slab 3 unit</b>		BG		7/27/2015	A1
		RDSO/B-10356		RCC abutment upto 4 m height for 6.1m span precast (Pretensioned) PSC slab (2 unit) (Seismic zone IV n V)					
	2	RDSO/B-10355		RCC abutment 4 to 6 m height for 6.1m span precast (Pretensioned) PSC slab (2 unit) (Seismic zone IV n V)				7/27/2015	A1
<b>Abutment</b>	1	<b>25T</b>	<b>6.1</b>			BG	M-25, PSC Slab 2 unit	12/30/2013	A1
		BA-10338		Abutment for 6.1m span precast PSC slab (2unit) (seismic zone I to III)					
<b>Abutment</b>	1	<b>HML</b>	<b>45.7</b>			BG	M-20, OW		A1
		BA-10324		Mass concrete (M-20) abutment for open web girder 45.7m span HM loading 1995 (Seismic zone I to III)					
<b>Abutment</b>	1	<b>HML</b>	<b>30.5</b>			BG	M-20, OW		A1
		RDSO/B-10326		Mass concrete (M-20) abutment for open web girder 30.5m span HM loading 1995 (Seismic zone I to III)					
<b>Abutment</b>	1	<b>HML</b>	<b>18.3</b>			BG	M-20, PSC Girder		A1
		RDSO/B-10328		Mass concrete (M-20) abutment for PSC girder 18.3m span HM loading 1995 (Seismic zone I to III)					
<b>Abutment</b>	1	<b>HML</b>	<b>12.2</b>			BG	M-20, PSC Girder		A1
		RDSO/B-10330		Mass concrete (M-20) abutment for PSC girder 12.2m span HM loading 1995 (Seismic zone I to III)					
<b>Abutment</b>	1	<b>HML</b>	<b>6.1</b>			BG	M-20, Slab		A1
		BA-10322		Mass concrete (M-20) abutment for PSC deck slab 6.1m span HM loading 1995 (Seismic zone I to III)					

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Abutment	MBG	BG	M-20 76.2 OS	
1 RDSO/B-1737		Mass Concrete Abutment	with M-20 Grade Span 61.0 (OW), 76.2m (OW)	A1
<b>Abutment</b>	<b>MBG</b>	<b>30.5</b>	<b>OW &amp; US 45.7m also</b>	
1 RDSO/B-1736		Mass Concrete Abutment	with M-20 Grade Span 30.5m (OW & US), 45.7m (OW) MBG	A1
<b>Abutment</b>	<b>MBG</b>	<b>30.5</b>		
1 RDSO/B-1694		Mass Concrete Abutment	with M-20 Grade Span 30.5m MBG	A1
<b>Abutment</b>	<b>MBG</b>	<b>24.4</b>		
1 RDSO/B-1693		Mass Concrete Abutment	with M-20 Grade Span 24.4m MBG	A1
<b>Abutment</b>	<b>MBG</b>	<b>18.3</b>		
1 RDSO/B-1692		Mass Concrete Abutment	with M-20 Grade Span 18.3m MBG	A1
<b>Abutment</b>	<b>MBG</b>	<b>12.2</b>	<b>for PSC Girder</b>	
1 BA-10332		Mass Concrete (M-25) abutment for PSC Girder	12.2m span MBG loading –1987(Seismic Zone I to III)	A1
<b>Abutment</b>	<b>MBG</b>	<b>12.2</b>	<b>For Composite Girder</b>	
1 BA-10336		Mass concrete (M-25) abutment for composite girder	12.2m span (seismic Zone I to III)	A1
<b>Abutment</b>	<b>MBG</b>	<b>12.2</b>		
1 RDSO/B-1691		Mass Concrete Abutment	with M-20 Grade Span 12.2m MBG	A1
<b>Abutment</b>	<b>MBG</b>	<b>9.15</b>		
1 RDSO/B-1690		Mass Concrete Abutment	with M-20 Grade Span 9.15m MBG	A1
<b>Abutment</b>	<b>MBG</b>	<b>6.1</b>	<b>For PSC Slab</b>	
1 BA-10334		Mass Concrete (M-25) abutment for precast PSC slab	6.10m span MBG loading-1987 (seismic Zone I to III)	A1
<b>Abutment</b>	<b>MBG</b>	<b>6.1</b>		
1 RDSO/B-1689		Mass Concrete Abutment	with M-20 Grade Span 6.10m MBG	A1

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Structure	SN	Loading Std	Span	Type	Sub Type	Gauge	Suitable For	Alt date	Size
		Drg No		Description					
Pier	1	RDSO/B-10343	9.15	<b>M-25, PSC slab 3 units</b> Mass concrete M-25 pier for 9.15m span precast (pretensioned) PSC Slab (3 unit) DFC loading (Seismic zone II & III)		BG			A1
Pier	1	RDSO/B-10341	6.1	<b>M-25, PSC slab 3 units</b> Mass concrete M-25 pier for 6.1m span precast (pretensioned) PSC (3 unit) seismic zone II & III		BG			A1
Pier	1	RDSO/B-10349R	12.2	<b>M-25, PSC Slab</b> Mass concrete M-25 pier for 12.2m post tensioned psc slab 4 unit 25t loading-2008 seismic zones II & III		BG			A1
Pier	1	RDSO/B-10345	12.2	<b>M-25, PSC Girder</b> 12.2m span psc 2 l girder (post ten. Type)		BG			A1
Pier	1	RDSO/B-10347	12.2	<b>M-25, Composite</b> Mass concrete M-25 pier for 12.2m composite girder (welded type) 25t loading-2008 seismic zones II & III		BG			A1
Pier	1	BA-10339	9.15	<b>M-25, PSC Slab 3 units</b> Mass concrete (M-25) pier for 9.15m span precast (Pretensioned) PSC slab (3 unit) 25t loading - 2008 (Seismic Zone I to III)		BG		12/30/2013	A1
Pier	1	RDSO/B-10351	9.15	<b>M-25, PSC slab 2 units</b> Mass concrete M-25 pier for 9.15m post tensioned psc slab 2 unit 25t loading-2008 seismic zones II & III		BG			A1
Pier	1	RDSO/B-10358/R	9.15	<b>PSC slab 2 units</b> RCC Pier more than 4m height and upto 4m height post tensioned psc slab 2 unit 25t loading-2008 seismic zones IV & V		BG		4/12/2016	A1
	2	RDSO/B-10357/R		RCC Pier more than 4m height and upto 6m height post tensioned psc slab 2 unit 25t loading-2008 seismic zones IV & V				4/12/2016	A1
Pier	1	BA-10337	6.1	<b>PSC Girder</b> 6.1m span precast PSC slab (2 unit) seismic zones I to III		BG		12/30/2013	A1
Pier	1	RDSO/B-10359	6.1	<b>PSC slab 2 units</b> RCC Pier upto 4m height post tensioned psc slab 2 unit 25t loading-2008 seismic zones IV & V		BG		3/22/2016	A1
Pier	1	BA-10323	45.7	<b>OW</b> Mass concrete (M-20) pier for open web girder 45.7m span HM loading 1995 (Seismic Zone I to III)		BG			A1
Pier	1	RDSO/B-10325	30.5	<b>OW</b> Mass concrete (M-20) pier for open web girder 30.5m span HM loading 1995 (Seismic Zone I to III)		BG			A1
Pier	1	RDSO/B-10327	18.3	<b>PSC Girder</b> Mass concrete (M-20) pier for PSC girder 18.3m span HM loading 1995 (Seismic Zone I to III)		BG			A1
Pier	1	RDSO/B-10329	12.2	<b>PSC Girder</b> Mass concrete (M-20) pier for PSC girder 12.2m span HM loading 1995 (Seismic Zone I to III)		BG			A1
Pier	1	BA-10321	6.1	<b>M-20</b> Mass concrete (M-20) pier for PSC deck slab 6.1m span HM loading 1995 (Seismic Zone I to III)		BG			A1
Pier	1	RDSO/B-1735	76.2	<b>M-20</b> Mass Concrete Pier Grade M-20 Spans 76.2m MBG		BG			A1
Pier	1	RDSO/B-1734	61	<b>45.7 &amp; 61 OW</b> Mass Concrete Pier Grade M-20 Spans 45.7 & 61.0m (OW) MBG		BG			A1

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Pier	1	RDSO/B-1733	<b>MBG</b>	<b>30.5</b>	<b>US &amp; OW</b>	Mass Concrete Pier Grade M-20 Spans 30.5m (US) & (OW)		BG	MBG		A1
Pier	1	RDSO/B-1698	<b>MBG</b>	<b>30.5</b>	<b>24.4 &amp; 30.5</b>	Mass Concrete Pier Grade M-20 Spans 24.4m & 30.5m		BG	MBG		A1
Pier	1	RDSO/B-1697	<b>MBG</b>	<b>18.3</b>	<b>M-20</b>	Mass Concrete Pier Grade M-20 Spans 18.3m		BG	MBG		A1
Pier	1	BA-10335	<b>MBG</b>	<b>12.2</b>	<b>M-25 Composite</b>	Mass Concrete (M-25) Pier for Composite girder		BG	12.2m (Seismic Zone I to III)		A1
Pier	1	BA-10331	<b>MBG</b>	<b>12.2</b>	<b>M-25</b>	Mass Concrete (M-25) Pier for PSC Girder		BG	12.2m span (Seismic Zone I to III)		A1
Pier	1	RDSO/B-1696	<b>MBG</b>	<b>12.2</b>	<b>M-20</b>	Mass Concrete Pier Grade M-20 Spans 12.2m		BG	MBG		A1
Pier	1	RDSO/B-1695	<b>MBG</b>	<b>9.15</b>	<b>6.1 &amp; 9.15</b>	Mass Concrete Pier Grade M-20 Spans 6.10m & 9.15m		BG	MBG		A1
Pier	1	BA-10333	<b>MBG</b>	<b>6.1</b>	<b>M-25</b>	Mass Concrete (M-25) Pier for Precast PSC Slab		BG	6.1m span (Seismic Zone I to III)		A1

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	Drg No			Description					
<b>Road Over Bridges</b>		<b>IRC- SP84- 2014</b>	<b>72</b>	<b>Bow String Girder NHA1 Confrigation</b>					
	1	RDSO/B-10418		General Arrangement				11/3/2017	A1
	2	RDSO/B-10418/1		Details of steel frame				5/31/2017	A1
	3	RDSO/B-10418/2		Details of arch & top joint				5/31/2017	A1
	4	RDSO/B-10418/3		Details of arch & top tie beam				5/31/2017	A1
	5	RDSO/B-10418/4		Details of hangers & joint L0				5/31/2017	A1
	6	RDSO/B-10418/5		Details of bottom long beam				5/31/2017	A1
	7	RDSO/B-10418/6		Details of bottom cross beam				5/31/2017	A1
	8	RDSO/B-10418/7		Details of concrete deck slab				5/31/2017	A1
	9	RDSO/B-10418/8		Splicing locations				5/31/2017	A1
<b>Road Over Bridges</b>			<b>72</b>	<b>Bow String Girder for zone V</b>					
	1	RDSO/B-10421		General Arrangement				11/30/2017	A1
	2	RDSO/B-10421/1		Details of steel frame				11/30/2017	A1
	3	RDSO/B-10421/2		Details of arch & top joint				11/30/2017	A1
	4	RDSO/B-10421/3		Details of arch & top tie beam				11/30/2017	A1
	5	RDSO/B-10421/4		Details of hangers & joint L0				11/30/2017	A1
	6	RDSO/B-10421/5		Details of bottom long beam				11/30/2017	A1
	7	RDSO/B-10421/6		Details of bottom cross beam				11/30/2017	A1
	8	RDSO/B-10421/7		Details of concrete deck slab				11/30/2017	A1
	9	RDSO/B-10421/8		Splicing location				11/30/2017	A1
<b>Road Over Bridges</b>			<b>72</b>	<b>Bow String Girder</b>					
	1	RDSO/B-10412		General Layout				11/3/2017	A1
	2	RDSO/B-10412/1		Details of Steel frame				9/16/2016	A1
	3	RDSO/B-10412/2		Details of arch & top joints				9/16/2016	A1
	4	RDSO/B-10412/3		Details of top tie beam				9/16/2016	A1
	5	RDSO/B-10412/4		Details of hangers & joint L0				9/16/2016	A1
	6	RDSO/B-10412/5		Details of bottom long beam.				9/16/2016	A1
	7	RDSO/B-10412/6		Details of bottom cross beam.				8/25/2017	A1
	8	RDSO/B-10412/7		Details of concrete deck slab				9/16/2016	A1
	9	RDSO/B-10412/8		Splicing locations				9/25/2017	A1
	10	RDSO/B-10412/9		Details of PTFE POT Bearing.				8/24/2017	A1
<b>Road Over Bridges</b>		<b>IRC- SP84- 2014</b>	<b>60</b>	<b>Bow String Girder NHA1 Confrigation</b>					
	1	RDSO/B-10415		General Arrangement				11/3/2017	A1
	2	RDSO/B-10415/1		Details of steel frame				2/17/2017	A1
	3	RDSO/B-10415/2		Details of arch & top joint				2/17/2017	A1
	4	RDSO/B-10415/3		Details of arch & top tie beam				2/17/2017	A1
	5	RDSO/B-10415/4		Details of hangers & joint L0				5/2/2017	A1
	6	RDSO/B-10415/5		Details of bottom long beam				2/17/2017	A1
	7	RDSO/B-10415/6		Details of bottom cross beam				2/17/2017	A1
	8	RDSO/B-10415/7		Details of concrete deck slab				2/17/2017	A1
	9	RDSO/B-10415/8		Splicing locations				2/17/2017	A1

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**Road Over Bridges**

1	RDSO/B-10420	General Arrangement	11/3/2017	A1
2	RDSO/B-10420/1	Details of steel frame	7/21/2017	A1
3	RDSO/B-10420/2	Details of arch & top joint	7/21/2017	A1
4	RDSO/B-10420/3	Details of arch & top tie beam	7/21/2017	A1
5	RDSO/B-10420/4	Details of hangers & joint L0	7/21/2017	A1
6	RDSO/B-10420/5	Details of bottom long beam	7/21/2017	A1
7	RDSO/B-10420/6	Details of bottom cross beam	7/21/2017	A1
8	RDSO/B-10420/7	Details of concrete deck slab	7/21/2017	A1
9	RDSO/B-10420/8	Splicing location	7/21/2017	A1

**60 Bow String Girder for zone V**

**Road Over Bridges**

1	RDSO/B-10411/R	General Layout	11/3/2017	A1
2	RDSO/B-10411/1R	Details of Steel frame	2/17/2017	A1
3	RDSO/B-10411/2R1	Details of arch & top joints	1/5/2017	A1
4	RDSO/B-10411/3R	Details of top tie beam	1/5/2017	A1
5	RDSO/B-10411/4R1	Details of hangers & joint L0	1/5/2017	A1
6	RDSO/B-10411/5R1	Details of bottom long beam.	1/5/2017	A1
7	RDSO/B-10411/6R	Details of bottom cross beam.	1/5/2017	A1
8	RDSO/B-10411/7R	Details of concrete deck slab	10/6/2016	A1
9	RDSO/B-10411/8R2	Splicing locations	9/25/2017	A1

**60 Bow String Girder**

**Road Over Bridges**

1	RDSO/B-10417	General Arrangement	11/3/2017	A1
2	RDSO/B-10417/1	Details of steel frame	5/2/2017	A1
3	RDSO/B-10417/2	Details of arch & top joint	5/2/2017	A1
4	RDSO/B-10417/3	Details of arch & top tie beam	5/2/2017	A1
5	RDSO/B-10417/4	Details of hangers & joint L0	5/2/2017	A1
6	RDSO/B-10417/5	Details of bottom long beam	5/2/2017	A1
7	RDSO/B-10417/6	Details of bottom cross beam	5/2/2017	A1
8	RDSO/B-10417/7	Details of concrete deck slab	5/2/2017	A1
9	RDSO/B-10417/8	Splicing locations	5/2/2017	A1

**IRC-  
SP84-  
2014**

**54 Bow String Girder NHA1  
Confriguration**

**Road Over Bridges**

1	RDSO/B-10422	General Arrangement	2/2/2018	A1
2	RDSO/B-10422/1	Details of steel frame	2/2/2018	A1
3	RDSO/B-10422/2	Details of arch & top joint	2/2/2018	A1
4	RDSO/B-10422/3	Details of arch & top tie beam	2/2/2018	A1
5	RDSO/B-10422/4	Details of hangers & joint L0	2/2/2018	A1
6	RDSO/B-10422/5	Details of bottom long beam	2/2/2018	A1
7	RDSO/B-10422/6	Details of bottom cross beam	2/2/2018	A1
8	RDSO/B-10422/7	Details of concrete deck slab	2/2/2018	A1
9	RDSO/B-10422/8	Splicing location	2/2/2018	A1

**54 Bow String Girder for zone V**

**Road Over Bridges**

1	RDSO/B-10410/R	General Layout	11/3/2017	A1
2	RDSO/B-10410/1R	Details of Steel frame	10/6/2016	A1
3	RDSO/B-10410/2R	Details of arch & top joints	10/6/2016	A1
4	RDSO/B-10410/3R	Details of top tie beam	10/6/2016	A1
5	RDSO/B-10410/4R	Details of hangers & joint L0	10/6/2016	A1
6	RDSO/B-10410/5R	Details of bottom long beam.	10/6/2016	A1
7	RDSO/B-10410/6R	Details of bottom cross beam.	8/25/2017	A1
8	RDSO/B-10410/7R	Details of concrete deck slab	10/6/2016	A1
9	RDSO/B-10410/8R1	Splicing locations	9/25/2017	A1

**54 Bow String Girder**

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<b>Road Over Bridges</b>		<b>IRC-SP84-2014</b>	<b>48</b>	<b>Bow String Girder NHA1 Confrigation</b>						
	1	RDSO/B-10416			General Arrangement				11/3/2017	A1
	2	RDSO/B-10416/1			Details of steel frame				3/31/2017	A1
	3	RDSO/B-10416/2			Details of arch & top joint				3/31/2017	A1
	4	RDSO/B-10416/3			Details of arch & top tie beam				3/31/2017	A1
	5	RDSO/B-10416/4			Details of hangers & joint L0				3/31/2017	A1
	6	RDSO/B-10416/5			Details of bottom long beam				3/31/2017	A1
	7	RDSO/B-10416/6			Details of bottom cross beam				3/31/2017	A1
	8	RDSO/B-10416/7			Details of concrete deck slab				3/31/2017	A1
	9	RDSO/B-10416/8			Splicing locations				3/31/2017	A1
<b>Road Over Bridges</b>			<b>48</b>	<b>Bow String Girder for zone V</b>						
	1	RDSO/B-10419			General Arrangement				11/3/2017	A1
	2	RDSO/B-10419/1			Details of steel frame				7/4/2017	A1
	3	RDSO/B-10419/2			Details of arch & top joint				7/4/2017	A1
	4	RDSO/B-10419/3			Details of arch & top tie beam				7/4/2017	A1
	5	RDSO/B-10419/4			Details of hangers & joint L0				7/4/2017	A1
	6	RDSO/B-10419/5			Details of bottom long beam				7/4/2017	A1
	7	RDSO/B-10419/6			Details of bottom cross beam				7/4/2017	A1
	8	RDSO/B-10419/7			Details of concrete deck slab				7/4/2017	A1
	9	RDSO/B-10419/8			Splicing location				9/25/2017	A1
<b>Road Over Bridges</b>			<b>48</b>	<b>Bow String Girder</b>						
	1	RDSO/B-10406/R			General Layout				11/3/2017	A1
	2	RDSO/B-10406/1R			Details of Steel frame				8/6/2016	A1
	3	RDSO/B-10406/2R			Details of arch & top joints				8/6/2016	A1
	4	RDSO/B-10406/3R			Details of top tie beam				8/6/2016	A1
	5	RDSO/B-10406/4R			Details of hangers & joint L0				8/6/2016	A1
	6	RDSO/B-10406/5R			Details of bottom long beam.				8/6/2016	A1
	7	RDSO/B-10406/6R			Details of bottom cross beam.				8/25/2017	A1
	8	RDSO/B-10406/7R			Details of concrete deck slab				8/6/2016	A1
	9	RDSO/B-10406/8R1			Splicing locations				9/25/2017	A1
<b>Road Over Bridges</b>		<b>IRC-SP84-2014</b>	<b>42</b>	<b>Bow String Girder NHA1 Confrigation</b>						
	1	RDSO/B-10414			General Arrangement				11/3/2017	A1
	2	RDSO/B-10414/1			Details of steel frame				12/29/2016	A1
	3	RDSO/B-10414/2			Details of arch & top joint				12/29/2016	A1
	4	RDSO/B-10414/3			Details of arch & top tie beam				12/29/2016	A1
	5	RDSO/B-10414/4			Details of hangers & joint L0				12/29/2016	A1
	6	RDSO/B-10414/5			Details of bottom long beam				12/29/2016	A1
	7	RDSO/B-10414/6			Details of bottom cross beam				3/31/2017	A1
	8	RDSO/B-10414/7			Details of concrete deck slab				12/29/2016	A1
	9	RDSO/B-10414/8			Splicing locations				12/29/2016	A1

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**Road Over Bridges**

1	RDSO/B-10408/R	General Layout	11/3/2017	A1
2	RDSO/B-10408/1R	Details of Steel frame	8/6/2016	A1
3	RDSO/B-10408/2R	Details of arch & top joints	8/6/2016	A1
4	RDSO/B-10408/3R	Details of top tie beam	8/6/2016	A1
5	RDSO/B-10408/4R	Details of hangers & joint L0	8/6/2016	A1
6	RDSO/B-10408/5R	Details of bottom long beam.	8/6/2016	A1
7	RDSO/B-10408/6R	Details of bottom cross beam.	8/25/2017	A1
8	RDSO/B-10408/7R	Details of concrete deck slab	8/6/2016	A1
9	RDSO/B-10408/8R1	Splicing locations	9/25/2017	A1

**42 Bow String Girder**

**Road Over Bridges**

**IRC-14**

**36 Composite(NHAI confugration)**

Welded

1	RDSO/B-11775	General Layout	12/30/2016	A3
2	RDSO/B-11775/1	Notes for loading	12/30/2016	A3
3	RDSO/B-11775/2	Details of main girder	12/30/2016	A3
4	RDSO/B-11775/3	Details of camber	12/30/2016	A3
5	RDSO/B-11775/4	Plan for 5&6 girder arrangement	12/30/2016	A3
6	RDSO/B-11775/5	X-section Details for 5 girder leaves	2/10/2017	A3
7	RDSO/B-11775/6	X-section Details for 6 girder leaves	2/10/2017	A3
8	RDSO/B-11775/7	Details of bent gussets & studs shear connector	12/30/2016	A3
9	RDSO/B-11775/8	Pedestal arrangement for 5&6 girder leaves	12/30/2016	A3
10	RDSO/B-11775/9	Details of elastomeric bearings	12/30/2016	A3
11	RDSO/B-11775/10	Details of seismic bearing & notes	12/30/2016	A3
12	RDSO/B-11775/11	Assembly Drawings	2/10/2017	A3
13	RDSO/B-11775/12	Part of shipping list	12/30/2016	A3

**Road Over Bridges**

**IRC-06**

**36 Composite**

Welded

1	RDSO/B-11758/R	General Layout		A0
2	RDSO/B-11758/1R	Details of main girder		A0
3	RDSO/B-11758/2R	Details of splice joint & stud shear connector		A0
4	RDSO/B-11758/3R	X-section Details for 5girder leaves	5/6/2015	A0
5	RDSO/B-11758/4R	X-section Details for 4&6 girder leaves	5/6/2015	A0
6	RDSO/B-11758/5R	Details of deck slab		A0
7	RDSO/B-11758/6R1	Details of pot PTFE bearings		A1
8	RDSO/B-11758/7R	Assembly drawing.		A0
9	RDSO/B-11758/8R	Part list & shipping list	5/6/2015	A1
10	RDSO/B-11758/9R1	Welding sequence		A3
11	RDSO/B-11758/10R	Drawing notes.		A2

**Road Over Bridges**

**36 Bow String Girder**

1	RDSO/B-10407/R	General Layout	11/3/2017	A1
2	RDSO/B-10407/1R	Details of Steel frame	7/6/2016	A1
3	RDSO/B-10407/2R	Details of arch & top joints	7/6/2016	A1
4	RDSO/B-10407/3R	Details of top tie beam	7/6/2016	A1
5	RDSO/B-10407/4R	Details of hangers & joint L0	7/6/2016	A1
6	RDSO/B-10407/5R	Details of bottom long beam.	7/6/2016	A1
7	RDSO/B-10407/6R	Details of bottom cross beam.	8/25/2017	A1
8	RDSO/B-10407/7R	Details of concrete deck slab	7/6/2016	A1
9	RDSO/B-10407/8R1	Splicing locations	9/25/2017	A1



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<b>Road Over Bridges</b>	<b>IRC-14</b>	<b>30 Composite(NHAI confugration)</b>	<b>Welded</b>	
1	RDSO/B-11774	General Layout		12/30/2016 A3
2	RDSO/B-11774/1	Notes for loading		12/30/2016 A3
3	RDSO/B-11774/2	Details of main girder		12/30/2016 A3
4	RDSO/B-11774/3	Details of camber		12/30/2016 A3
5	RDSO/B-11774/4	Plan for 5&6 girder arrangement		12/30/2016 A3
6	RDSO/B-11774/5	X-section Details for 5 girder leaves		2/10/2017 A3
7	RDSO/B-11774/6	X-section Details for 6 girder leaves		2/10/2017 A3
8	RDSO/B-11774/7	Details of bent gussets & studs shear connector		12/30/2016 A3
9	RDSO/B-11774/8	Pedestal arrangement for 5&6 girder leaves		12/30/2016 A3
10	RDSO/B-11774/9	Details of elastomeric bearings		12/30/2016 A3
11	RDSO/B-11774/10	Details of seismic bearing & notes		12/30/2016 A3
12	RDSO/B-11774/11	Assembly Drawings		2/10/2017 A3
13	RDSO/B-11774/12	Part of shipping list		12/30/2016 A3
<b>Road Over Bridges</b>	<b>IRC-06</b>	<b>30 Composite</b>	<b>Welded</b>	
1	RDSO/B-11755/R	General Layout		A0
2	RDSO/B-11755/1R	Details of main girder		4/5/2013 A0
3	RDSO/B-11755/2R	Details of splice joint & stud shear connector		A0
4	RDSO/B-11755/3R	X-section Details for 5girder leaves		1/12/2015 A0
5	RDSO/B-11755/4R	X-section Details for 4&6 girder leaves		1/12/2015 A0
6	RDSO/B-11755/5R	Details of deck slab		A0
7	RDSO/B-11755/6R2	Details of pot PTFE bearings		3/3/2015 A1
8	RDSO/B-11755/7R	Assembly drawing.		A0
9	RDSO/B-11755/8R	Part list & shipping list		3/3/2015 A1
10	RDSO/B-11755/9R1	Welding sequence		A3
11	RDSO/B-11755/10R	Drawing notes.		A2
<b>Road Over Bridges</b>		<b>30 Bow String Girder</b>		
1	RDSO/B-10409/R	General Layout		11/3/2017 A1
2	RDSO/B-10409/1R	Details of Steel frame		10/6/2016 A1
3	RDSO/B-10409/2R	Details of arch & top joints		10/6/2016 A1
4	RDSO/B-10409/3R	Details of top tie beam		10/6/2016 A1
5	RDSO/B-10409/4R	Details of hangers & joint L0		10/6/2016 A1
6	RDSO/B-10409/5R	Details of bottom long beam.		10/6/2016 A1
7	RDSO/B-10409/6R	Details of bottom cross beam.		10/6/2016 A1
8	RDSO/B-10409/7R	Details of concrete deck slab		10/6/2016 A1
9	RDSO/B-10409/8R1	Splicing locations		9/25/2017 A1
<b>Road Over Bridges</b>	<b>IRC-14</b>	<b>24 Composite(NHAI confugration)</b>	<b>Welded</b>	
1	RDSO/B-11773	General Layout		12/30/2016 A3
2	RDSO/B-11773/1	Notes for loading		12/30/2016 A3
3	RDSO/B-11773/2	Details of main girder		12/30/2016 A3
4	RDSO/B-11773/3	Details of camber		12/30/2016 A3
5	RDSO/B-11773/4	Plan for 5&6 girder arrangement		12/30/2016 A3
6	RDSO/B-11773/5	X-section Details for 5 girder leaves		2/10/2017 A3
7	RDSO/B-11773/6	X-section Details for 6 girder leaves		2/10/2017 A3
8	RDSO/B-11773/7	Details of bent gussets & studs shear connector		12/30/2016 A3
9	RDSO/B-11773/8	Pedestal arrangement for 5&6 girder leaves		12/30/2016 A3
10	RDSO/B-11773/9	Details of elastomeric bearings		12/30/2016 A3
11	RDSO/B-11773/10	Details of seismic bearing & notes		12/30/2016 A3
12	RDSO/B-11773/11	Assembly Drawings		2/10/2017 A3
13	RDSO/B-11773/12	Part of shipping list		12/30/2016 A3

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<b>Road Over Bridges</b>	<b>IRC-06</b>	<b>24 Composite</b>	<b>Welded</b>	
1	RDSO/B-11757/R	General Layout		A0
2	RDSO/B-11757/1R	Details of main girder		A0
3	RDSO/B-11757/2R	Details of splice joint & stud shear connector		A1
4	RDSO/B-11757/3R	X-section Details for 5girder leaves	5/6/2015	A0
5	RDSO/B-11757/4R	X-section Details for 4&6 girder leaves	5/6/2015	A0
6	RDSO/B-11757/5R	Details of deck slab		A0
7	RDSO/B-11757/6R	Details of pot PTFE bearings		A1
8	RDSO/B-11757/7R	Assembly drawing.		A0
9	RDSO/B-11757/8R	Part list & shipping list	5/6/2015	A1
10	RDSO/B-11757/9R1	Welding sequence		A3
11	RDSO/B-11757/10R	Drawing notes.		A2

<b>Road Over Bridges</b>	<b>IRC-14</b>	<b>18.3 Composite(NHAI confugration)</b>	<b>Welded</b>	
1	RDSO/B-11772	General Layout		12/30/2016 A3
2	RDSO/B-11772/1	Notes for loading		12/30/2016 A3
3	RDSO/B-11772/2	Details of main girder		12/30/2016 A3
4	RDSO/B-11772/3	Details of camber		12/30/2016 A3
5	RDSO/B-11772/4	Plan for 5&6 girder arrangement		12/30/2016 A3
6	RDSO/B-11772/5	X-section Details for 5 girder leaves		2/10/2017 A3
7	RDSO/B-11772/6	X-section Details for 6 girder leaves		2/10/2017 A3
8	RDSO/B-11772/7	Details of bent gussets & studs shear connector		12/30/2016 A3
9	RDSO/B-11772/8	Pedestal arrangement for 5&6 girder leaves		12/30/2016 A3
10	RDSO/B-11772/9	Details of elastomeric bearings		12/30/2016 A3
11	RDSO/B-11772/10	Details of seismic bearing & notes		12/30/2016 A3
12	RDSO/B-11772/11	Assembly Drawings		2/10/2017 A3
13	RDSO/B-11772/12	Part of shipping list		12/30/2016 A3

<b>Road Over Bridges</b>	<b>IRC-06</b>	<b>18 Composite</b>	<b>Welded</b>	
1	RDSO/B-11756/R	General Layout		A0
2	RDSO/B-11756/1R	Details of main girder		A0
3	RDSO/B-11756/2R	Details of splice joint & stud shear connector		A1
4	RDSO/B-11756/3R	X-section Details for 5girder leaves	3/3/2015	A0
5	RDSO/B-11756/4R	X-section Details for 4&6 girder leaves	3/3/2015	A0
6	RDSO/B-11756/5R	Details of deck slab		A0
7	RDSO/B-11756/6R1	Details of pot PTFE bearings	3/3/2015	A1
8	RDSO/B-11756/7R	Assembly drawing.		A0
9	RDSO/B-11756/8R	Part list & shipping list	3/3/2015	A1
10	RDSO/B-11756/9R1	Welding sequence		A3
11	RDSO/B-11756/10R	Drawing notes.		A2

<b>Road Over Bridges</b>	<b>IRC</b>	<b>HSFG</b>	<b>800</b>	<b>High Strength Friction Grip</b>
1	RDSO/B-11760/R	Note for use of HSFG bolt in composite ROB		5/21/2014 A3

<b>Road Over Bridges</b>	<b>IRC-14</b>	<b>Composite(NHAI confugration)Related 18m,24m,30m,36m,</b>	<b>Welded</b>	
1	RDSO/B-11776	Related drawings and General notes		12/30/2016 A3
2	RDSO/B-11776/1	Details of slab for 12.3m deck width		12/30/2016 A3
3	RDSO/B-11776/2	Details of slab for 15.3m deck width		12/30/2016 A3
4	RDSO/B-11776/3	Details of slab for 15.6m deck width		12/30/2016 A3
5	RDSO/B-11776/4	Details of crash barrier		12/30/2016 A3
6	RDSO/B-11776/5	Schedule for bar bending		12/30/2016 A3
7	RDSO/B-11776/6	Notes for deck slab		12/30/2016 A3
8	RDSO/B-11776/7	Details of drawing and railing arrangement		12/30/2016 A3
9	RDSO/B-11776/8	Notes for uses of high streght frictiongrip (HSFC) bold in bridge		12/30/2016 A3
10	RDSO/B-11776/9	Details of skew arrangement		12/30/2016 A1
11	RDSO/B-11776/10	Welding sequence		12/30/2016 A3

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Structure	SN	Loading Std	Span	Type	Description	Sub Type	Gauge	Suitable For	Alt date	Size
<b>Road Over Bridges</b>		<b>IRC-06</b>		<b>Composite</b>		<b>Welded</b>		Skew arrangement Of Composite girder welded type 18.0m,24.0m,30.0m, & 36.0m span IRC-06 loading		
	1	RDSO/B-11759/R			Skew arrangement					A0
<b>Road Over Bridges</b>				<b>Bow String Girder</b>						
	1	RDSO/B-10413			splicing arrangement for the bending of cross girder.				10/4/2017	A1

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Structure	SN	Loading Std	Span	Type	Sub Type	Gauge	Suitable For	Alt date	Size
	Drg No			Description					
<b>Foot Over Bridge</b>				<b>6.0 m wide, 4 Track</b>	4 track	BG			
	1	RDSO/B-10403		General Arrangement					A1
	2	RDSO/B-10403/1		Details of roofing, hand railing & deck slab for main spans staircase					A0
	3	RDSO/B-10403/2		Details of main girders					A0
	4	RDSO/B-10403/3		Details of cross girders					A0
	5	RDSO/B-10403/4		Details of main column & trestle					A0
	6	RDSO/B-10403/5		Details of stair case					A0
	7	RDSO/B-10403/6		Details of foundation for main columns					A0
	8	RDSO/B-10403/7		Details of foundation for staircase					A1
<b>Foot Over Bridge</b>				<b>6.0 m wide, 3 Track</b>	3 track	BG			
	1	RDSO/B-10401		General Arrangement					A1
	2	RDSO/B-10401/1		Details of roofing hand railing & deck slab for main span & stair case.				9/25/2015	A0
	3	RDSO/B-10401/2		Details of main girder					A0
	4	RDSO/B-10401/3		Details of cross girder					A0
	5	RDSO/B-10401/4		Details of main column & trestle					A0
	6	RDSO/B-10401/5		Details of stair case					A0
	7	RDSO/B-10401/6		Details for foundation for main column					A0
	8	RDSO/B-10401/7		Details of Foundation of stair case					A1
<b>Foot Over Bridge</b>				<b>6.0 m wide, 2 Track</b>	2 track	BG			
	1	RDSO/B-10404		General Arrangement					A1
	2	RDSO/B-10404/1		Details of roofing, hand railing & deck slab for main spans staircase					A0
	3	RDSO/B-10404/2		Details of main girders					A0
	4	RDSO/B-10404/3		Details of cross girders					A0
	5	RDSO/B-10404/4		Details of main column & trestle					A0
	6	RDSO/B-10404/5		Details of stair case					A0
	7	RDSO/B-10404/6		Details of foundation for main columns					A0
	8	RDSO/B-10404/7		Details of foundation for staircase					A1
<b>Foot Over Bridge</b>				<b>3.0 m wide, 4 Track</b>	4 track	BG			
	1	RDSO/B-10405		General Arrangement				5/1/2014	A1
	2	RDSO/B-10405/1		Details of roofing, hand railing & deck slab for main spans & staircase					A0
	3	RDSO/B-10405/2		Details of main girders					A1
	4	RDSO/B-10405/3		Details of cross girders					A1
	5	RDSO/B-10405/4		Details of main column & trestle					A1
	6	RDSO/B-10405/5		Details of stair case					A0
<b>Foot Over Bridge</b>				<b>3.0 m wide, 3 Track</b>	3 track	BG			
	1	RDSO/B-10402		General Arrangement					A1
	2	RDSO/B-10402/1		Details of roofing hand railing & deck slab for main spans staircase					A0
	3	RDSO/B-10402/2		Details of main girders					A0
	4	RDSO/B-10402/3		Details of cross girders					A0
	5	RDSO/B-10402/4		Details of main column & trestle					A0
	6	RDSO/B-10402/5		Details of stair case					A0
	7	RDSO/B-10402/6		Details of foundation for main columns					A0
	8	RDSO/B-10402/7		Details of foundation for staircase					A1

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Structure	SN	Loading Std	Span	Type	Sub Type	Gauge	Suitable For	Alt date	Size
				Description					
<b>Bridge Sleeper</b>				<b>Steel Channel Sleeper</b>					
	1	BA-1636 R2		Steel Channel Sleepers for Bridges (BG & MG)				1/13/2012	A1
	2	BA-1636 /1/R2		Steel Channel Sleeper for Bridges Seating Arrangement for Rivetted/Welded Plate Girders /Stringers and for Fixing Gangway				11/27/2012	A1
	3	BA-1636 /2		175mm high steel channel sleeper to avoid thicker pacing plates on plate girder bridges (BG & MG)				1/13/2012	A1
	4	RDSO/B-1636/3		Steel channel sleepers for bridges (N.G.)					A1
	5	RDSO/B-1636/4		For bridges (BG) details of H-beam steel sleeper for field trial only.				1/13/2012	A1
	6	RDSO/B-1739/R		Steel Channel Sleeper for 30.5m underslung bridges & 45.7m underslung Bridges (MBG Loading-1987)					A1
	7	RDSO/B-1745		Steel Channel Sleeper for Bridges (For MG-BG Conversion)				7/22/1994	A1
	8	RDSO/B-1636/7		Steel Channel Sleeper for Bridges 32.5t axle load (DFC Loadig)				1/13/2012	A1
<b>Bridge Sleeper</b>				<b>H Beam</b>					
	1	RDSO/B-1636/4R		Details of H beam steel sleeper (B.G) (For field trial only)				4/14/2014	A1
	2	RDSO/B-1636/5		Steel H-beam sleeper's for bridges seating arrangement for rivetted/welded plate girder's stringer's and arrangement for fixing gangway (For field trial only)				11/27/2012	A1
	3	RDSO/B-1636/8		Details of H-beam steel sleeper for welded girder bridge.				1/13/2012	A1
	4	RDSO/B-1636/9		Details of H-beam steel sleeper with switch expansion joint.				4/14/2014	A1

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Structure	Loading Std	Span	Type	Sub Type	Gauge	Suitable For	Alt date	Size
SN	Drg No	Description						
<b>Temporary Arrangement</b>		<b>26.6 Temporary Double-I Plate Girder-Welded</b>						
1	RDSO/B-11042/2	Part list and shipping List					9/11/2015	A3
2	RDSO/B-11042/1	Details of X-section, Splice joints and bearing					9/11/2015	A3
3	RDSO/B-11042	General Arrangement & Details of Main Girder					9/11/2015	A3
<b>Temporary Arrangement</b>		<b>20.4 Temporary Duplicated Plate Girder-Welded</b>						
1	RDSO/B-11041/R	General Arrangement & Details of main girder					2/26/2015	A3
2	RDSO/B-11041/2R	Part list and shipping List					2/26/2015	A3
3	RDSO/B-11041/1R	Details of X-section, Splice joint and bearing					2/26/2015	A3
<b>Temporary Arrangement</b>		<b>Temporary</b>						
1	RDSO/B-11043	Temporary box crib arrangement for support of relieving girders of length upto 26.8m (Trial basis) maximum permissible speed upto 40 kmph)					3/15/2018	A1
<b>Temporary Arrangement</b>		<b>Railway Bridge Construction Unit</b>						
1	BA-11801	U.C. Railway bridges,155' & 103' – 4" span (MG & BG) heavy type- Typical arrangement						A3
2	BA-11802	258'-4" and 206'-8" span (MG & BG) heavy type – Typical arrangement.						A3
3	BA-11803	Key diagram						A4
4	BA-11804	150' span – Positioning on existing standard piers.						A4
5	BA-11805	100' span – Positioning on existing standard piers.						A3
6	BA-11806	200' span – Positioning on existing standard piers.						A3
7	BA-11807	259' span – Positioning on existing standard piers.						A4
8	BA-11808/1	(Heavy type) schedule of parts 103'-4" span BG.						A3
9	BA-11808/2	- do – schedule of bolts						A3
10	BA-11809/1	103'-4" span MG (heavy type), schedule of parts.						A3
11	BA-11809/2	103'-4" spans, MG (heavy type) schedule of bolts.						A3
12	BA-11810/1	155'-0" span BG (Heavy type) Schedule of parts						A3
13	BA-11810/2	155'-0" span BG (Heavy type) Schedule of bolts						A3
14	BA-11811/1	155' span MG (Heavy type) Schedule of parts						A3
15	BA-11811/2	155' span MG (Heavy type) Schedule of bolts						A3
16	BA-11812/1	206'-0" span BG (Heavy type) schedule of parts.						A3
17	BA-11812/2	Schedule of bolts.						A4
18	BA-11813/1	206'-8" span MG (Heavy type ) schedule of parts						A4
19	BA-11813/2	206'-8" span (MG) schedule of bolts						A4
20	BA-11814/1	258'-4" span BG (Heavy type) schedule of parts						A4
21	BA-11814/2	Schedule of bolts						A4
22	BA-11815/1	258'-4" span (MG) heavy type, schedule of parts.						A4
23	BA-11815/2	258'-4" span (MG) heavy type, schedule of bolts.						A4
24	BA-11816	Through & semi-through span (MG-BG) heavy type, bearings.						A4
25	BA-11817	Heavy type lock-pin for 5'-7/8" dia bearing pin.						A4
26	BA-11818	(MG & BG heavy type, standard angle top chord & batten plate.						A4
27	BA-11819	(MG & BG) heavy type, standard angle bottom chord.						A4
28	BA-11820	(MG & BG) heavy type, diagonals						A4
29	BA-11821	(MG & BG) heavy type, End post and end post stay.						A4
30	BA-11822	(MG & BG) heavy type, bottom end main gusset.						A4

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SN	Drg No	Description						
31	BA-11823	(MG & BG) heavy type, bottom end special gusset (for 100' & 150' spans)						A4
32	BA-11824	(MG & BG) heavy type, bottom intermediate main gusset.						A4
33	BA-11825	(MG & BG) heavy type, top end main gusset.						A4
34	BA-11826	(MG & BG) heavy type, top intermediate main gusset.						A4
35	BA-11827	(MG & BG) heavy type, bent connector plate & diaphragm between gusset.						A4
36	BA-11828	(MG & BG) heavy type, cover plate and angle cleat.						A4
37	BA-11829	(MG & BG) heavy type, angle cleat special						A4
38	BA-11830	(MG & BG) heavy type, junction plate						A4
39	BA-11831	(MG & BG) heavy type, junction plate special						A4
40	BA-11832	(MG & BG) heavy type, cross bearer.						A4
41	BA-11833	(MG & BG) heavy type, stringer & stringer cleat.						A4
42	BA-11834	(MG & BG) heavy type, stringer-diaphragms and end cleats.						A4
43	BA-11835	(MG & BG) heavy type, cross bearer & cleat.						A4
44	BA-11836	(MG & BG) heavy type, bracket connecting cross bearer & end post.						A4
45	BA-11837	(MG & BG) heavy type, bracket connecting cross bearer & diagonal.						A4
46	BA-11838	(MG & BG) heavy type, portal & sway bracing, double diagonal & horizontal.						A4
47	BA-11839	(MG & BG) heavy type, portal bracing, short diagonal & top portal gusset.						A4
48	BA-11840	(MG & BG) heavy type, portal and sway bracing verticals.						A4
49	BA-11841	(MG & BG) heavy type, upper portal or sway end gusset.						A4
50	BA-11842	(MG & BG) heavy type, lower portal or sway end gusset.						A4
51	BA-11843	(MG & BG) heavy type, portal & sway centre & top gusset.						A4
52	BA-11844	(MG & BG) heavy type, wind bracing angle.						A4
53	BA-11845	(MG & BG) heavy type, wind bracing gusset.						A4
54	BA-11846	(MG & BG) heavy type, wind bracing gusset special						A4
55	BA-11847	(MG & BG) heavy type, chord angle splice, one angle to one angle						A4
56	BA-11848	(MG & BG) heavy type, chord angle splice, 2 angle to 2 angle.						A4
57	BA-11849	(MG & BG) heavy type, chord angle splice 3 angle to 3 angle.						A4
58	BA-11850	(MG & BG) heavy type, chord angle splice, 4 angle to 4 angle.						A4
59	BA-11851	(MG & BG) heavy type bolts, 2" (50mm), 1 (25mm) dia & washer.						A4
60	BA-11852	(MG & BG) heavy type, additional material for 16'-3" centre of girders.						A4
61	BA-11853	(MG & BG) heavy type, additional materials for 16'-3" centre of girders.						A4
62	BA-11854	Cross bearer for 16'-3" centre of girders.						A4
63	BA-11855	Additional wind bracing gusset for 16'-3' centre of girders.						A4
64	BA-11856	Additional wind bracing gusset special for 16'-3" centre of girder.						A3
65	BA-11857	Wind bracing angles for 16'-3" centre of girders.						A3
66	BA-11858	(MG) portal & sway bracing double diagonal and horizontal for 16'-3" centre of girders.						A3
67	BA-11859	(MG) heavy type, portal bracing short diagonal & top portal gusset for 16'-3" centre of girders.						A3
68	BA-11860	(MG) heavy type, U-portal or sway & gusset for 16'-3" centre of girders.						A3
69	BA-11861	(MG) heavy type, L-portal or sway & gusset for 16'-3" centre of girders.						A3
70	BA-11862	(MG) heavy type, portal & sway centre gusset for 16'-3" centre of girders.						A3
71	BA-11863	(MG), Pinch bars & turned barrel drifts						A3
72	BA-11864	Box spanners, 1" (25mm)						A3
73	BA-11865	Box spanners, 2" (50mm)						A3

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74	BA-11866	Reversible ratchet wrench & single ended spanner.	A3
75	BA-11867	Capacity, table chord members ISA-200 x 200 x 18	A3
76	BA-11868	Capacity table web members ISA-200 x 200 x 18	A3
77	BA-11869	Capacity table web members ISA-200 x 200 x 18	A3
78	BA-11870	(MG & BG) heavy type, 103'-4" span-stress sheet.	A3
79	BA-11871	(BG) & (MG) heavy type, 155' span-stress sheet.	A3
80	BA-11872	(MG) heavy type, 206'-8" span stress sheet.	A3
81	BA-11873	BG (Heavy type) 206'-8" span stress sheet.	A3
82	BA-11874	BG (Heavy type) 258'-4" span stress sheet.	A3
83	BA-11875	(MG) heavy type, 258'-4" span stress sheet.	A3
84	BA-11876	(BG & MG) heavy type, cross bearer (Rivetted)	A3
<b>Temporary Arrangement</b>		<b>CC Crib</b> Abutment	
1	RDSO/B-1589	RBG 18.3m Span Temporary Arrangement for Abutment Using Christ Church Cribs (For max. base pressure of 1.6 kg/cm2)	4/25/2000 A2
2	RDSO/B-1726	MGML 12.2m Span Temporary Arrangement for Abutment Using Christ Church Cribs (For max. base pressure of 1.0 kg/cm2)	4/25/2000 A2
<b>Temporary Arrangement 25T</b>		<b>Emergency Girder, RH PG,</b> restricted	
		<b>20.4m</b>	
1	RDSO/B-11040	General arrangement	5/26/2016 A1
2	RDSO/B-11040/1	Details of splice joint, diaphragms, bearing & part list.	2/12/2015 A1
3	RDSO/B-11040/2	Assembly drawing & dispatch list.	2/26/2014 A1
<b>Temporary Arrangement 25T</b>		<b>Emergency Girder, RH PG</b> Restricted	
		<b>26.8m</b>	
1	RDSO/B-11039R	General arrangement	5/26/2016 A1
2	RDSO/B-11039/1R	Details of splice joint, diaphragms, X-frame bearings & part dispatch list.	9/9/2014 A1
3	RDSO/B-11039/2R	Assembly drawing	3/25/2014 A3
4	RDSO/B-11039/3	Welded sequence	3/25/2014 A3
<b>Temporary Arrangement 25T</b>		<b>Emergency Girder, RH PG</b> Restricted	
		<b>14.4m</b>	
1	RDSO/B-11038	General arrangement	12/10/2014 A1
2	RDSO/B-11038/1	Details of splice joint, diaphragms, bearing & part list.	12/10/2014 A1
3	RDSO/B-11038/2	Assembly drawing & dispatch list.	A1
<b>Temporary Arrangement 25T</b>		<b>CC Crib</b>	
1	RDSO/B-1484/1R	Piers key diagrams for 4.8m to 7.8m Height	8/17/2017 A1
2	RDSO/B-1484/2R	Plain Arrangement 4.8m to 7.8m Height	8/17/2017 A1
3	RDSO/B-1484/3R	Key arrangement & plan for 0.6m to 4.2m height	8/17/2017 A1
4	RDSO/B-1484/4R1	Details of Cribs & Clamps to be used for temporary arrangement	8/17/2017 A1
5	RDSO/B-1484/5	Key diagram & plan for abutment	8/17/2017 A1
6	RDSO/B-1486/1	RBG Standard 12.2m Span Key Diagrams for Piers 3.6m to 7.8m Height Christ Church Cribs	A1
7	RDSO/B-1486/2	RBG Standard 12.2m Span key diagram for pier 0.6m to 3.0m Height	A1
8	RDSO/B-1486/3	RBG Standard 12.2m Span Plan Arrangement for pier 3.6 to 7.8m Height	8/17/2012 A1
<b>Temporary Arrangement MGML</b>		<b>12.2 Sleeper Cribs (1.0)</b> Abutment	
1	RDSO/B-1727	MGML 12.2m Span Temporary Arrangement for Abutment Using Sleeper Cribs (For max. base pressure of 1.0 kg/cm2)	A2
<b>Temporary Arrangement MGML</b>		<b>12.2 Sleeper Cribs</b> Abutment	
1	RDSO/B-1720	MGML 12.2m Span Temporary Arrangement for Abutment Using Sleeper Cribs (For max. base pressure of 1.4 kg/cm2)	6/30/1993 A2
<b>Temporary Arrangement MGML</b>		<b>12.2 CC Crib (1.55)</b> Abutment	
1	RDSO/B-1594	MGML 12.2m Span Temporary Arrangement for Abutment Using Christ Church Cribs (For max. base pressure of 1.55 kg/cm2)	4/25/2000 A2

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<b>Continuous Girder</b>	<b>BGML</b>	<b>18.3 3X18.3 m</b>	<b>BG</b>	<b>MBG</b>	
1	CSO/C-1851	General Arrangement (Girders ZA & ZB)			A0
2	CSO/C-1852	General Arrangement (Girders ZC & ZD)			A0
3	CSO/C-1853	General Arrangement (Girders ZE & ZF)			A0
4	CSO/C-1854	Cross frame & Parts List			A1
5	CSO/C-1856	Erection Drawing & Shipping List			A0
6	BA-1744	MBG Loading 1987 3x60' Continuous Span-Bearing Details			A1
<b>Continuous Girder</b>	<b>BGML</b>	<b>9.2 3X9.2 m</b>	<b>BG</b>	<b>MBG</b>	
1	RDSO/B-606	General Arrangement			A1
2	RDSO/B 607	Cross frame Joint and Bearings			3/2/1993 A1
3	RDSO/B-608	Erection Drawing			A1
4	RDSO/B-609	Part and Shipping List			A1

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Structure	SN	Loading Std	Span	Type	Description	Sub Type	Gauge	Suitable For	Alt date	Size
<b>Towers &amp; Structures</b>				<b>RCC, 7.0m wide</b>		7.0 m wide	BG	BG PASSENGER PLATFORM ROOFS 7.0 M WIDE SINGLE BAY		
	1	RA-10621			General Arrangement					A1
	2	RA-10622			Cantilever truss					A1
	3	RA-10623			RCC column and under reamed pile foundation					A1
	4	RA-10624			welded purlin					A1
	5	RA-10625			angle Iron Runner for roof and side sheeting					A1
	6	RA-10626			Gable end covering					A1
	7	RA-10627			C.I. pipe and valley gutter					A1
<b>Towers &amp; Structures</b>				<b>RCC Passenger Platform Shelter 9.45m</b>		9.45 m wide	BG			
	1	BA-10230			General Arrangement					A1
	2	BA-10230/1			Detail of Reinforcement				5/6/1992	A1
<b>Towers &amp; Structures</b>				<b>RCC Passenger Platform Shelter 10.67m</b>		10.67 m wide	BG			
	1	RDSO/R-10641			Partly using RHS/SHS General arrangement (for basic wind speed upto 47 m/sec)					A1
	2	RDSO/R-10641/1			Partly using RHS/SHS – Stanchion					A1
	3	RDSO/R-10641/2			Cantilever truss					A1
	4	RDSO/R-10641/3			Welded purlin					A1
	5	RDSO/R-10641/4			Angle iron runner for roof & side sheeting					A1
	6	RDSO/R-10641/5			Gable end covering					A1
	7	RDSO/R-10641/6			C.I. Pipe & valley gutter					A1
	8	RDSO/R-10641/7			Typical design of foundation					A2
<b>Towers &amp; Structures</b>				<b>PSC Passenger Platform Shelter, 10.67m wide</b>		10.67 m wide	BG	with Provision for first floor		
	1	BA-10231			General Arrangement					A1
	2	BA-10231/1			Detail of Staircase					A1
	3	BA-10231/2			Detail of Column Beam & Gable End Fascia					A1
	4	BA-10231/3			Detail of Under Reamed Pile and Pile Cap					A1
	5	BA-10231/4			Detail of Shelter					A1
	6	RDSO/B-1616			Under Reamed Pile Foundation					A1
<b>Towers &amp; Structures</b>				<b>Passenger Platform Roofs, GAD 2 MG</b>			MG	For Meter Gauge-Double Butterfly Type (For Wind Pressure 200 Kg/M2)m		
	1	RA-10550			M.G. Passenger Platform Roofs Standard Type Sections					A1
<b>Towers &amp; Structures</b>				<b>Passenger Platform Roofs, GAD 2 BG</b>			BG	For Broad Gauge-Double Butterfly Type (For Wind Pressure 200 Kg/M2)m		
	1	RA-10501			B.G. Passenger Platform Roofs Standard Type Sections				3/29/1984	A1
<b>Towers &amp; Structures</b>				<b>Passenger Platform Roofs, GAD 1 MG</b>			MG	For Meter Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m		
	1	RA-10550			M.G. Passenger Platform Roofs Standard Type Sections					A1
<b>Towers &amp; Structures</b>				<b>Passenger Platform Roofs, GAD 1 BG</b>			BG	For Broad Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m		
	1	RA-10501			B.G. Passenger Platform Roofs Standard Type Sections				3/29/1984	A1

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Structure	Loading Std	Span	Type	Sub Type	Gauge	Suitable For	Alt date	Size
SN	Drg No	Description						
<b>Towers &amp; Structures</b>								
			<b>Passenger Platform Roofs, 9.45m wide MG</b>	9.45 m wide	MG	For Meter Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m		
1	RA-10562	9.45m	Wide General Arrangement				11/23/1993	A1
2	RA-10511		Cantilever Truss				11/23/1993	A1
3	RA-10513		Angle Iron Runner for Roof Sheeting				11/23/1993	A1
4	RA-10552		Angle Iron Runners for Roof & Side Sheeting				11/23/1993	A1
5	RA-10563		Gable End Covering				11/23/1993	A1
6	RA-10503		Passenger Platform Roofs Stanchion				11/23/1993	A1
7	RA-10521		Passenger Platform Roofs-Welded Purlin				11/23/1993	A1
8	RA-10514		C.I. Pipe and Valley Gutter				11/23/1993	A1
<b>Towers &amp; Structures</b>								
			<b>Passenger Platform Roofs, 9.45m wide BG</b>	9.45 m wide	BG	For Broad Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m		
1	RA-10526	9.45m	Wide General Arrangement				11/23/1993	A1
2	RA-10511		Cantilever Truss				11/23/1993	A1
3	RA-10516		Gable End Covering				11/23/1993	A1
4	RA-10521		Passenger Platform Roofs-Welded Purlin				11/23/1993	A1
5	RA-10514		C.I. Pipe and Valley Gutter				11/23/1993	A1
6	RA-10503		Passenger Platform Roofs Stanchion				11/23/1993	A1
<b>Towers &amp; Structures</b>								
			<b>Passenger Platform Roofs, 9.14m wide MG</b>	9.14 m wide	MG	For Meter Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m		
1	RA-10560	9.14m	Wide General Arrangement				11/23/1993	A1
2	RA-10511		Cantilever Truss				11/23/1993	A1
3	RA-10513		Angle Iron Runner for Roof Sheeting				11/23/1993	A1
4	RA-10552		Angle Iron Runners for Roof & Side Sheeting				11/23/1993	A1
5	RA-10561		Gable End Covering				11/23/1993	A1
6	RA-10503		Passenger Platform Roofs Stanchion				11/23/1993	A1
7	RA-10521		Passenger Platform Roofs-Welded Purlin				11/23/1993	A1
8	RA-10514		C.I. Pipe and Valley Gutter				11/23/1993	A1
<b>Towers &amp; Structures</b>								
			<b>Passenger Platform Roofs, 9.14m wide BG</b>	9.14 m wide	BG	For Broad Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m		
1	RA-10523	9.14m	Wide General Arrangement				11/23/1993	A1
2	RA-10511		Cantilever Truss				11/23/1993	A1
3	RA-10524		Angle Iron Runner for Side sheeting				11/23/1993	A1
4	RA-10525		Gable End Covering				11/23/1993	A1
5	RA-10513		Angle Iron Runners for Roof and Side Sheeting				11/23/1993	A1
6	RA-10514		C.I. Pipe and Valley Gutter				11/23/1993	A1
7	RA-10503		Passenger Platform Roofs Stanchion				11/23/1993	A1
8	RA-10521		Passenger Platform Roofs-Welded Purlin				11/23/1993	A1
<b>Towers &amp; Structures</b>								
			<b>Passenger Platform Roofs, 8.23m wide MG</b>	8.23 m wide	MG	For Meter Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m		
1	RA-10558	8.23m	Wide General Arrangement				11/23/1993	A1
2	RA-10518		Cantilever Truss				11/23/1993	A1
3	RA-10513		Angle Iron Runners for Roof Sheeting				11/23/1993	A1
4	RA-10559		Gable End Covering				11/23/1993	A1
5	RA-10503		Passenger Platform Roofs Stanchion				11/23/1993	A1
6	RA-10521		Passenger Platform Roofs-Welded Purlin				11/23/1993	A1
7	RA-10514		C.I. Pipe and Valley Gutter				11/23/1993	A1
8	RA-10552		Angle Iron Runner for Roof & Side Sheeting				11/23/1993	A1

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<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 8.23 m wide BG</b>		For Broad Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m
1 RA-10517	8.23m Wide General Arrangement		11/23/1993 A1
2 RA-10518	Cantilever Truss		11/23/1993 A1
3 RA-10519	Angle Iron Runners for Roof and Side Sheeting		11/23/1993 A1
4 RA-10520	Gable End Covering		11/23/1993 A1
5 RA-10521	Passenger Platform Roofs –Welded Purlin		11/23/1993 A1
6 RA-10513	Angle Iron Runners for Roof and Side Sheeting		11/23/1993 A1
7 RA-10514	C.I. Pipe and Valley Gutter		11/23/1993 A1
8 RA-10503	Passenger Platform Roofs Stanchion		11/23/1993 A1

<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 7.32 m wide MG</b>		For Meter Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m
1 RA-10554	7.32m Wide General Arrangement		11/23/1993 A1
2 RA-10532	Cantilever Truss		11/23/1993 A1
3 RA-10552	Angle Iron Runner for Roof & Side Sheeting		11/23/1993 A1
4 RA-10555	Gable End Covering		11/23/1993 A1
5 RA-10503	Passenger Platform Roofs Stanchion		11/23/1993 A1
6 RA-10521	Passenger Platform Roofs-Welded Purlin		11/23/1993 A1
7 RA-10522	C.I. Pipe and Valley Gutter		11/23/1993 A1

<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 7.0 m wide BG</b>		For Broad Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m
1 RA-10531	7.0m Wide General Arrangement		11/23/1993 A1
2 RA-10532	Cantilever Truss		11/23/1993 A1
3 RA-10533	Angle Iron Runners for Roof and Side Sheeting		11/23/1993 A1
4 RA-10534	Gable End Covering		11/23/1993 A1
5 RA-10503	Passenger Platform Roofs Stanchion		11/23/1993 A1
6 RA-10521	Passenger Platform Roofs –Welded Purlin		11/23/1993 A1
7 RA-10522	C.I. Pipe and Valley Gutter		11/23/1993 A1

<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 7.01 m wide MG</b>		For Meter Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m
1 RA-10551	7.01m Wide General Arrangement		11/23/1993 A1
2 RA-10532	Cantilever Truss		11/23/1993 A1
3 RA-10552	Angle Iron Runner for Roof & Side Sheeting		11/23/1993 A1
4 RA-10553	Gable End Covering		11/23/1993 A1
5 RA-10503	Passenger Platform Roofs Stanchion		11/23/1993 A1
6 RA-10521	Passenger Platform Roofs-Welded Purlin		11/23/1993 A1
7 RA-10522	C.I. Pipe and Valley Gutter		11/23/1993 A1

<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 6.15 m wide MG</b>		For Meter Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m
1 RA-10564	6.15m Wide General Arrangement		11/23/1993 A1
2 RA-10532	Cantilever Truss		11/23/1993 A1
3 RA-10552	Angle Iron Runner for Roof & Side Sheeting		11/23/1993 A1
4 RA-10565	Gable End Covering		11/23/1993 A1
5 RA-10503	Passenger Platform Roofs Stanchion		11/23/1993 A1
6 RA-10521	Passenger Platform Roofs-Welded Purlin		11/23/1993 A1
7 RA-10522	C.I. Pipe and Valley Gutter		11/23/1993 A1

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**Passenger Platform Roofs, 18.60 m wide BG** For Broad Gauge-Double Butterfly  
**18.60m wide BG** Type (For Wind Pressure 200 Kg/M2)m

1	RA-10548	18.60m Wide General Arrangement	11/23/1993	A1
2	RA-10539	End Cantilever Truss	11/23/1993	A1
3	RA-10545	Intermediate Cantilever Truss	11/23/1993	A1
4	RA-10506	Angle Iron Runners for Roof and Side Sheeting	11/23/1993	A1
5	RA-10546	Angle Iron Rafters and Runners	11/23/1993	A1
6	RA-10508	End Gable End Covering	11/23/1993	A1
7	RA-10547	Intermediate Gable End Covering	11/23/1993	A1
8	RA-10503	Passenger Platform Roofs Stanchion	11/23/1993	A1
9	RA-10521	Passenger Platform Roofs-Welded Purlin	11/23/1993	A1
10	RA-10522	C.I. Pipe and Valley Gutter	11/23/1993	A1
11	RA-10574	Passenger platform roofs typical drawing of foundation MG		A1

**Towers & Structures**

**Passenger Platform Roofs, 18.50 m wide MG** For Meter Gauge-Double Butterfly  
**18.50m wide MG** Type (For Wind Pressure 200 Kg/M2)m

1	RA-10573	18.50m Wide General Arrangement	11/23/1993	A1
2	RA-10539	End Cantilever Truss	11/23/1993	A1
3	RA-10547	Intermediate Cantilever Truss	11/23/1993	A1
4	RA-10546	Angle Iron Rafters & Runners	11/23/1993	A1
5	RA-10552	Angle Iron Runners for Roof & Side Sheeting	11/23/1993	A1
6	RA-10557	End Gable End Covering	11/23/1993	A1
7	RA-10547	Intermediate Gable End Covering	11/23/1993	A1
8	RA-10503	Passenger Platform Roofs Stanchion	11/23/1993	A1
9	RA-10521	Passenger Platform Roofs-Welded Purlin	11/23/1993	A1
10	RA-10522	C.I. Pipe and Valley Gutter	11/23/1993	A1

**Towers & Structures**

**Passenger Platform Roofs, 18.29 m wide BG** For Broad Gauge-Double Butterfly  
**18.29m wide BG** Type (For Wind Pressure 200 Kg/M2)m

1	RA-10544	18.29m Wide General Arrangement	11/23/1993	A1
2	RA-10539	End Cantilever Truss	11/23/1993	A1
3	RA-10545	Intermediate Cantilever Truss	11/23/1993	A1
4	RA-10529	Angle Iron Runners for Roof and Side Sheeting	11/23/1993	A1
5	RA-10546	Angle Iron Rafters and Runners	11/23/1993	A1
6	RA-10530	End Gable End Covering	11/23/1993	A1
7	RA-10547	Intermediate Gable End Covering	11/23/1993	A1
8	RA-10503	Passenger Platform Roofs Stanchion	11/23/1993	A1
9	RA-10521	Passenger Platform Roofs-Welded Purlin	11/23/1993	A1
10	RA-10522	C.I. Pipe and Valley Gutter	11/23/1993	A1

**Towers & Structures**

**Passenger Platform Roofs, 16.46 m wide MG** For Meter Gauge-Double Butterfly  
**16.46m wide MG** Type (For Wind Pressure 200 Kg/M2)m

1	RA-10572	16.46m Wide General Arrangement	11/23/1993	A1
2	RA-10511	End Cantilever Truss	11/23/1993	A1
3	RA-10510	Intermediate Cantilever Truss	11/23/1993	A1
4	RA-10513	Angle Iron Runners for Roof Sheeting	11/23/1993	A1
5	RA-10552	Angle Iron Runners for Roof & Side Sheeting	11/23/1993	A1
6	RA-10563	End Gable End Covering	11/23/1993	A1
7	RA-10515	Intermediate Gable End Covering	11/23/1993	A1
8	RA-10503	Passenger Platform Roofs Stanchion	11/23/1993	A1
9	RA-10521	Passenger Platform Roofs-Welded Purlin	11/23/1993	A1
10	RA-10514	C.I. Pipe and Valley Gutter	11/23/1993	A1

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**Towers & Structures**

**Passenger Platform Roofs, 16.46 m wide BG**  
**16.46m wide BG** For Broad Gauge-Double Butterfly  
Type (For Wind Pressure 200  
Kg/M2)m

- |   |          |   |               |
|---|----------|---|---------------|
| 1 | RA-10509 | 16.46m Wide General Arrangement               | 11/23/1993 A1 |
| 2 | RA-10511 | End Cantilever Truss                          | 11/23/1993 A1 |
| 3 | RA-10510 | Intermediate Cantilever Truss                 | 11/23/1993 A1 |
| 4 | RA-10513 | Angle Iron Runners for Roof and Side Sheeting | 11/23/1993 A1 |
| 5 | RA-10516 | End Gable End Covering.                       | 11/23/1993 A1 |
| 6 | RA-10515 | Intermediate Gable End Covering               | 11/23/1993 A1 |
| 7 | RA-10503 | Passenger Platform Roofs Stanchion            | 11/23/1993 A1 |
| 8 | RA-10521 | Passenger Platform Roofs-Welded Purlin        | 11/23/1993 A1 |
| 9 | RA-10514 | C.I. Pipe and Valley Gutter                   | 11/23/1993 A1 |

**Towers & Structures**

**Passenger Platform Roofs, 16.15 m wide MG**  
**16.15m wide MG** For Meter Gauge-Double Butterfly  
Type (For Wind Pressure 200  
Kg/M2)m

- |    |          |   |               |
|----|----------|---|---------------|
| 1  | RA-10571 | 16.15m Wide General Arrangement             | 11/23/1993 A1 |
| 2  | RA-10511 | End Cantilever Truss                        | 11/23/1993 A1 |
| 3  | RA-10510 | Intermediate Cantilever Truss               | 11/23/1993 A1 |
| 4  | RA-10513 | Angle Iron Runners for Roof Sheeting        | 11/23/1993 A1 |
| 5  | RA-10552 | Angle Iron Runners for Roof & Side Sheeting | 11/23/1993 A1 |
| 6  | RA-10561 | End Gable End Covering                      | 11/23/1993 A1 |
| 7  | RA-10515 | Intermediate Gable End Covering             | 11/23/1993 A1 |
| 8  | RA-10503 | Passenger Platform Roofs Stanchion          | 11/23/1993 A1 |
| 9  | RA-10521 | Passenger Platform Roofs-Welded Purlin      | 11/23/1993 A1 |
| 10 | RA-10514 | C.I. Pipe and Valley Gutter                 | 11/23/1993 A1 |

**Towers & Structures**

**Passenger Platform Roofs, 16.15 m wide BG**  
**16.15m wide BG** For Broad Gauge-Double Butterfly  
Type (For Wind Pressure 200  
Kg/M2)m

- |    |          |   |               |
|----|----------|---|---------------|
| 1  | RA-10527 | 16.15 Wide General Arrangement                | 11/23/1993 A1 |
| 2  | RA-10510 | End Cantilever Truss                          | 11/23/1993 A1 |
| 3  | RA-10511 | Intermediate Cantilever Truss                 | 11/23/1993 A1 |
| 4  | RA-10513 | Angle Iron Runners for Roof and Side Sheeting | 11/23/1993 A1 |
| 5  | RA-10524 | Angle Iron Runner for Side Sheeting .         | 11/23/1993 A1 |
| 6  | RA-10525 | End Gable End Covering                        | 11/23/1993 A1 |
| 7  | RA-10515 | Intermediate Gable End Covering               | 11/23/1993 A1 |
| 8  | RA-10503 | Passenger Platform Roofs Stanchion            | 11/23/1993 A1 |
| 9  | RA-10521 | Passenger Platform Roofs-Welded Purlin        | 11/23/1993 A1 |
| 10 | RA-10514 | C.I. Pipe and Valley Gutter                   | 11/23/1993 A1 |

**Towers & Structures**

**Passenger Platform Roofs, 15.24 m wide MG**  
**15.24m wide MG** For Meter Gauge-Double Butterfly  
Type (For Wind Pressure 200  
Kg/M2)m

- |    |          |   |               |
|----|----------|---|---------------|
| 1  | RA-10570 | 15.24m Wide General Arrangement             | 11/23/1993 A1 |
| 2  | RA-10511 | End Cantilever Truss                        | 11/23/1993 A1 |
| 3  | RA-10541 | Intermediate Cantilever Truss               | 11/23/1993 A1 |
| 4  | RA-10513 | Angle Iron Runners for Roof Sheeting        | 11/23/1993 A1 |
| 5  | RA-10552 | Angle Iron Runners for Roof & Side Sheeting | 11/23/1993 A1 |
| 6  | RA-10561 | End Gable End Covering                      | 11/23/1993 A1 |
| 7  | RA-10542 | Intermediate Gable End Covering             | 11/23/1993 A1 |
| 8  | RA-10503 | Passenger Platform Roofs Stanchion          | 11/23/1993 A1 |
| 9  | RA-10521 | Passenger Platform Roofs-Welded Purlin      | 11/23/1993 A1 |
| 10 | RA-10514 | C.I. Pipe and Valley Gutter                 | 11/23/1993 A1 |

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**Towers & Structures**

**Passenger Platform Roofs, 15.24 m wide BG**  
**15.24m wide BG** For Broad Gauge-Double Butterfly Type (For Wind Pressure 200 Kg/M2)m

1	RA-10543	15.24m Wide General Arrangement	11/23/1993	A1
2	RA-10511	End Cantilever Truss	11/23/1993	A1
3	RA-10541	Intermediate Cantilever Truss	11/23/1993	A1
4	RA-10513	Angle Iron Runners for Roof and Side Sheeting	11/23/1993	A1
5	RA-10525	End Gable End Covering	11/23/1993	A1
6	RA-10542	Intermediate Gable End Covering	11/23/1993	A1
7	RA-10524	Angle Iron Runner for Side Sheeting	11/23/1993	A1
8	RA-10521	Passenger Platform Roofs – Welded Purlin	11/23/1993	A1
9	RA-10503	Passenger Platform Roofs Stanchion	11/23/1993	A1
10	RA-10514	C.I. Pipe and Valley Gutter	11/23/1993	A1

**Towers & Structures**

**Passenger Platform Roofs, 14.33 m wide MG**  
**14.33m wide MG** For Meter Gauge-Double Butterfly Type (For Wind Pressure 200 Kg/M2)m

1	RA-10569	14.33m Wide General Arrangement	11/23/1993	A1
2	RA-10518	End Cantilever Truss	11/23/1993	A1
3	RA-10541	Intermediate Cantilever Truss	11/23/1993	A1
4	RA-10513	Angle Iron Runners for Roof Sheeting	11/23/1993	A1
5	RA-10552	Angle Iron Runners for Roof & Side Sheeting	11/23/1993	A1
6	RA-10559	End Gable End Covering	11/23/1993	A1
7	RA-10542	Intermediate Gable End Covering	11/23/1993	A1
8	RA-10503	Passenger Platform Roofs Stanchion	11/23/1993	A1
9	RA-10521	Passenger Platform Roofs-Welded Purlin	11/23/1993	A1
10	RA-10514	C.I. Pipe and Valley Gutter	11/23/1993	A1

**Towers & Structures**

**Passenger Platform Roofs, 14.33 m wide BG**  
**14.33m wide BG** For Broad Gauge-Double Butterfly Type (For Wind Pressure 200 Kg/M2)m

1	RA-10540	14.33m Wide General Arrangement	11/23/1993	A1
2	RA-10518	End Cantilever Truss	11/23/1993	A1
3	RA-10541	Intermediate Cantilever Truss	11/23/1993	A1
4	RA-10520	End Gable End Covering	11/23/1993	A1
5	RA-10542	Intermediate Gable End Covering	11/23/1993	A1
6	RA-10519	Angle Iron Runner for Side Sheeting	11/23/1993	A1
7	RA-10521	Passenger Platform Roofs-Welded Purlin	11/23/1993	A1
8	RA-10503	Passenger Platform Roofs Stanchion	11/23/1993	A1
9	RA-10514	C.I. Pipe and Valley Gutter	11/23/1993	A1

**Towers & Structures**

**Passenger Platform Roofs, 12.5 m wide MG**  
**12.5m wide MG** For Meter Gauge-Double Butterfly Type (For Wind Pressure 200 Kg/M2)m

1	RA-10568	12.50m Wide General Arrangement	11/23/1993	A1
2	RA-10532	End Cantilever Truss	11/23/1993	A1
3	RA-10536	Intermediate Cantilever Truss	11/23/1993	A1
4	RA-10537	Angle Iron Runners	11/23/1993	A1
5	RA-10552	Angle Iron Runners for Roof & Side Sheeting	11/23/1993	A1
6	RA-10555	End Gable End Covering	11/23/1993	A1
7	RA-10538	Intermediate Gable End Covering	11/23/1993	A1
8	RA-10503	Passenger Platform Roofs Stanchion	11/23/1993	A1
9	RA-10521	Passenger Platform Roofs-Welded Purlin	11/23/1993	A1
10	RA-10522	C.I. Pipe and Valley Gutter	11/23/1993	A1

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<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 12.2 m wide MG</b>	<b>12.2m wide MG</b>	<b>For Meter Gauge-Double Butterfly Type (For Wind Pressure 200 Kg/M2)m</b>
1 RA-10567	12.20m Wide General Arrangement		11/23/1993 A1
2 RA-10532	End Cantilever Truss		11/23/1993 A1
3 RA-10536	Intermediate Cantilever Truss		11/23/1993 A1
4 RA-10537	Angle Iron Runners		11/23/1993 A1
5 RA-10552	Angle Iron Runners for Roof & Side Sheeting		11/23/1993 A1
6 RA-10553	End Gable End Covering		11/23/1993 A1
7 RA-10538	Intermediate Gable End Covering		11/23/1993 A1
8 RA-10503	Passenger Platform Roofs Stanchion		11/23/1993 A1
9 RA-10521	Passenger Platform Roofs-Welded Purlin		11/23/1993 A1
10 RA-10522	C.I. Pipe and Valley Gutter		11/23/1993 A1

<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 12.19 m wide BG</b>	<b>12.19m wide BG</b>	<b>For Broad Gauge-Double Butterfly Type (For Wind Pressure 200 Kg/M2)m</b>
1 RA-10535	12.19m Wide General Arrangement		11/23/1993 A1
2 RA-10532	End Cantilever Truss		11/23/1993 A1
3 RA-10536	Intermediate Cantilever Truss		11/23/1993 A1
4 RA-10533	Angle Iron Runners for Roof & Side sheeting		11/23/1993 A1
5 RA-10534	End Gable End Covering		11/23/1993 A1
6 RA-10538	Intermediate Gable End Covering		11/23/1993 A1
7 RA-10521	Passenger Platform Roofs – Welded Purlin		11/23/1993 A1
8 RA-10522	C.I. Pipe and Valley Gutter		11/23/1993 A1
9 RA-10503	Passenger Platform Roofs Stanchion		11/23/1993 A1

<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 11.34 m wide MG</b>	<b>11.34m wide MG</b>	<b>For Meter Gauge-Double Butterfly Type (For Wind Pressure 200 Kg/M2)m</b>
1 RA-10566	11.34m Wide General Arrangement		11/23/1993 A1
2 RA-10532	End Cantilever Truss		11/23/1993 A1
3 RA-10536	Intermediate Cantilever Truss		11/23/1993 A1
4 RA-10537	Angle Iron Runners		11/23/1993 A1
5 RA-10552	Angle Iron Runners for Roof & Side Sheeting		11/23/1993 A1
6 RA-10565	End Gable End Covering		11/23/1993 A1
7 RA-10538	Intermediate Gable End Covering		11/23/1993 A1
8 RA-10503	Passenger Platform Roofs Stanchion		11/23/1993 A1
9 RA-10521	Passenger Platform Roofs-Welded Purlin		11/23/1993 A1
10 RA-10522	C.I. Pipe and Valley Gutter		11/23/1993 A1

<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 10.67 m wide BG</b>	<b>10.67m wide BG, wind speed 47m/s</b>	<b>PASSENGER PLATFORM ROOFS (FOR BASIC WIND SPEED UPTO 47 m/sec.)</b>
1 RA-10631	General Arrangement		A1
2 RA-10632	Stanchion		A1
3 RA-10633	Cantilever Truss		A1
4 RA-10634	Welded Purlin		A1
5 RA-10635	Angle Iron Runner for Roof & Side Sheeting		A1
6 RA-10636	Gable End Covering		A1
7 RA-10637	C.I. Pipe and Valley Gutter		A1
8 RA-10638	Typical Design of Foundation		A1



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<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 10.67 m wide BG</b>	For Broad Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m
1 RA-10502	10.67m Wide General Arrangement	11/23/1993 A1
2 RA-10539	Cantilever Truss	11/23/1993 A1
3 RA-10506	Angle Iron Runner for Side sheeting	11/23/1993 A1
4 RA-10508	Gable End Covering	11/23/1993 A1
5 RA-10503	Passenger Platform Roofs Stanchion	11/23/1993 A1
6 RA-10521	Passenger Platform Roofs – Welded Purlin	11/23/1993 A1
7 RA-10522	C.I. Pipe and Valley Gutter	11/23/1993 A1

<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 10.57 m wide MG</b>	For Meter Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m
1 RA-10556	10.57m Wide General Arrangement	11/23/1993 A1
2 RA-10539	Cantilever Truss	11/23/1993 A1
3 RA-10552	Angle Iron Runners for Roof & Side Sheetting	11/23/1993 A1
4 RA-10557	Gable End Covering	11/23/1993 A1
5 RA-10503	Passenger Platform Roofs Stanchion	11/23/1993 A1
6 RA-10521	Passenger Platform Roofs-Welded Purlin	11/23/1993 A1
7 RA-10522	C.I. Pipe and Valley Gutter	11/23/1993 A1

<b>Towers &amp; Structures</b>	<b>Passenger Platform Roofs, 10.36 m wide BG</b>	For Broad Gauge-Single Butterfly Type (For Wind Pressure 200 Kg/M2)m
1 RA-10528	10.36m Wide General Arrangement	11/23/1993 A1
2 RA-10539	Cantilever Truss	11/23/1993 A1
3 RA-10529	Angle Iron Runner for Side sheeting	11/23/1993 A1
4 RA-10530	Gable End Covering	11/23/1993 A1
5 RA-10521	Passenger Platform Roofs-Welded Purlin	11/23/1993 A1
6 RA-10522	C.I. Pipe and Valley Gutter	11/23/1993 A1
7 RA-10503	Passenger Platform Roofs Stanchion	11/23/1993 A1

<b>Towers &amp; Structures</b>	<b>OHE Mast</b>	
1 RDSO/B-1746F	Prestressed Concrete (Pre-tensioned) OHE Mast Type I For Supporting 24 KV A.C. Overhead Traction Equipment (Alternative to B-125 Steel Mast and TM-125 Steel Mast)	A2
2 RDSO/B-1747	Prestressed Concrete (Pre-tensioned) OHE Mast Type II For Supporting 24 KV A.C. Overhead Traction Equipment (Alternative to B-150 Steel Mast and TM-150 Steel Mast)	A1
3 RDSO/B-1748	Prestressed Concrete (Pre-tensioned) OHE Mast Type III For Supporting 24 KV A.C. Overhead Traction Equipment (Alternative to B-200 Steel Mast and TM-200 Steel Mast)	A1
4 RDSO/B-1749	Prestressed Concrete (Pre-tensioned) OHE Mast Type IV for Supporting 24 KV A.C. Overhead Traction Equipment (Alternative to B-250 Steel Mast and TM-250 Steel Mast)	A1
5 RDSO/B-1751	PSC Spun OHE Mast for BMS 4200 kg/m, 5400 kg/m and 7100 kg/m respectively	A1
6 RDSO/B-1753	Spun Prestressed Concrete to OHE Mast Type P 442 for Supporting 25 KV A.C. Overhead Traction Equipment	A1
7 RDSO/B-1754	Spun Prestressed Concrete to OHE Mast Type P 454 for Supporting 25 KV A.C. Overhead Traction Equipment	A1
8 RDSO/B-1755	Spun Prestressed Concrete to OHE Mast Type P 471 for Supporting 25 KV A.C. Overhead Traction Equipment	A1
9 RDSO/B-1756	RCC Bored Pile Foundation for Different Type of OHE Mast Supporting 25 KV A.C. Overhead Traction Equipment	A1

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<b>Towers &amp; Structures</b>	<b>Microwave Tower, 88m</b>	88 m	88m Tower From 100 m Tower MWPA to Drg.No.BA-1365	
1 RDSO/B-1366	Base Connection			A1
<b>Towers &amp; Structures</b>	<b>Microwave Tower, 70m</b>	70 m	70m Tower From 80m Tower MWPA to Drg.No.BA-1367	
1 RDSO/B-1368	Base Connection			A1
<b>Towers &amp; Structures</b>	<b>Microwave Tower, 48m</b>	48 m	48m Tower From 60m Tower MWPA to Drg.No.BA-1369	
1 RDSO/B-1370	Base Connection			A1
<b>Towers &amp; Structures</b>	<b>Microwave Tower 80m</b>	80 m	80m Microwave Antenna Tower Medium Wind Pressure Type M-80 M2	
1 RDSO/B-1367/1	Main Members Configuration, Forces and Connections			7/14/1993 A1
2 RDSO/B-1367/2/1	Bracings			3/27/1980 A1
3 RDSO/B-1367/2/2	Bracings			3/27/1980 A1
4 RDSO/B-1367/3/1	Main Joints			3/27/1980 A1
5 RDSO/B-1367/3/2	Main Joints			3/27/1980 A1
6 RDSO/B-1367/3/3	Main Joints			7/11/1982 A1
7 RDSO/B-1367/3/4	Hip Bracings			3/27/1980 A1
8 RDSO/B-1367/3/5	RDSO/Base Connections			5/14/1980 A1
9 RDSO/B-1367/4	Splices			7/11/1982 A1
10 RDSO/B-1367/5	Ladder & Platforms			4/3/1980 A1
11 RDSO/B-1365/6/1	Antenna Fixing Arrangement			7/14/1993 A1
12 RDSO/B-1365/6/1A	Antenna Fixing Arrangement			A1
13 RDSO/B-1365/6/2	Antenna Fixing Arrangement (Intermediate Levels)			9/22/1995 A1
14 RDSO/B-1367/7	Idealisation Diagram for 80m Tower for MWP Zone as per BA-1367			A2
<b>Towers &amp; Structures</b>	<b>Microwave Tower 60m</b>	60 m	60m Microwave Antenna Tower Medium Wind Pressure Type M-60 M2	
1 RDSO/B-1369/1	Main Members Configuration, Forces and Connections			A1
2 RDSO/B-1369/2/1	Bracings			A1
3 RDSO/B-1369/3/1	Main Joints			A1
4 RDSO/B-1369/3/2	Hip Bracings			A1
5 RDSO/B-1369/3/3	RDSO/Base Connections			A1
6 RDSO/B-1369/4	Splices			A1
7 RDSO/B-1369/5	Ladder & Platforms			4/3/1980 A1
8 RDSO/B-1365/6/1	Antenna Fixing Arrangement			7/14/1993 A1
9 RDSO/B-1365/6/1A	Antenna Fixing Arrangement			A1
10 RDSO/B-1365/6/2	Antenna Fixing Arrangement (Intermediate levels)			9/22/1995 A1
11 RDSO/B-1371	Strengthening of Diagonal Members of M.W. Tower to BA-1368 & 1371			A2
<b>Towers &amp; Structures</b>	<b>Microwave Tower 40m</b>	40 m	40m Microwave Antenna Tower Medium Wind Pressure Type M-40 M.	
1 RDSO/B-1371/1	Main Members Configuration, Forces and Connections			1/31/1985 A1
2 RDSO/B-1371/2/1	Bracings			A1
3 RDSO/B-1371/3/1	Main Joints (M2)			11/4/1980 A1
4 RDSO/B-1371/3/2	Hip Bracings (M2)			3/27/1980 A1
5 RDSO/B-1371/3/3	RDSO/Bse Connections			5/14/1980 A1
6 RDSO/B-1371/4	Splices (M1)			4/11/1980 A1
7 RDSO/B-1371/5	Ladder & Platform (M2)			4/3/1980 A1
8 RDSO/B-1365/6/1	Antenna Fixing Arrangement			7/14/1993 A1
9 RDSO/B-1365/6/1A	Antenna Fixing Arrangement			A1
10 RDSO/B-1365/6/2	Antenna Fixing Arrangement (Intermediate levels)			9/22/1995 A1
11 RDSO/B-1371/7	Strengthening of Angles for Use with MS Bolts			A3

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**Towers & Structures**

**Microwave Tower 100m, M 100 m**

100m Microwave Antenna Tower  
Medium Wind Pressure Type M-100  
M5

1	RDSO/B-1365/1	Main Members Configuration, Forces and Connections	7/14/1993	A1
2	RDSO/B-1365/2/1	Bracings	7/21/1982	A1
3	RDSO/B-1365/2/2	Bracings	10/8/1982	A1
4	RDSO/B-1365/3/1	Main Joints	7/29/1986	A1
5	RDSO/B-1365/3/2	Main Joints	7/21/1982	A1
6	RDSO/B-1365/3/3	Main Joints	7/21/1982	A1
7	RDSO/B-1365/3/4	Hip Bracings	7/21/1982	A1
8	RDSO/B-1365/3/5	Base Connections	7/21/1982	A1
9	RDSO/B-1365/4/1	Splices	10/8/1982	A1
10	RDSO/B-1365/5	Ladder & Platforms	9/5/1986	A1
11	RDSO/B-1365/6/1	Antenna Fixing Arrangement	7/14/1993	A1
12	RDSO/B-1365/6/1A	Antenna Fixing Arrangement		
13	RDSO/B-1365/6/ 2	Antenna Fixing Arrangement (Intermediate Levels)	9/22/1995	A1
14	RDSO/B-1365/7	Idealisation Diagram (for STRUDL Analysis)		A2

**Towers & Structures**

**Microwave Tower 100m, H 100 m**

100 m Microwave Antenna Tower  
High Wind Pressure Areas Type H-  
100 M3

1	RDSO/B-1447/1	Main Members Configuration, Forces and Connections		A1
2	RDSO/B-1447/2/1	Bracings		A1
3	RDSO/B-1447/2/2	Bracings	8/1/1885	A1
4	RDSO/B-1447/3/1	Joint Type J0 to J15 (Series 1)	8/1/1885	A1
5	RDSO/B-1447/3/2	Joint Type J16 to J30 (Series 2)	8/1/1885	A1
6	RDSO/B-1447/4	Splices	8/1/1885	A1
7	RDSO/B-1447/5	Base Connections	8/1/1885	A1
8	RDSO/B-1447/5/1	Base Connections (70m – Type H70M)		A1
9	RDSO/B-1447/5/2	Base Connections (60m – Type H60M)		A1
10	RDSO/B-1447/5/3	Base Connections (40m – Type H40M)		A1
11	RDSO/B-1447/6	Ladder & Platform		A1
12	RDSO/B-1447/7	Antenna Fixing Arrangement	1/14/1993	A1
13	RDSO/B-1447/7/1	Antenna Fixing Arrangement panel 13 & 14		
14	RDSO/B-1447/8	Detail of joints		A1

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Structure	SN	Drg No	Loading Std	Span	Type	Description	Sub Type	Gauge	Suitable For	Alt date	Size
<b>Towers &amp; Structures</b>					<b>Low level Tubular Shelter over benches</b>		4.0 m wide		LOW LEVEL SHELTER OVER PASSENGER BENCHES ON PLATFORM OF WAY SIDE STATION (FOR BASIC WIND SPEED UPTO 47 m/sec.)		
	1	RDSO/B-1758				Detail of Structure					A1
	2	RDSO/B-1758/1				Key Plan and Despatch List					A1
<b>Towers &amp; Structures</b>					<b>Low level Normal Shelter over benches</b>		4.0 m wide		LOW LEVEL SHELTER OVER PASSENGER BENCHES ON PLATFORM OF WAY SIDE STATION (FOR BASIC WIND SPEED UPTO 47 m/sec.)		
	1	RDSO/B-1760				Detail of Structure					A1
	2	RDSO/B-1760/1				Key Plan & Despatch List					A1
<b>Towers &amp; Structures</b>					<b>Flood Tower MWP</b>		30 m MWP		Flood Light Tower upto 30m Height for Medium Wind Pressure Area		
	1	MA-10805				General Arrangement Stress Sheet & Parts List (Welded)					A1
	2	MA-10806				Members & Joints (Welded)					A1
	3	MA-10807				Base & Landing Platforms (Welded)				1/28/1981	A1
<b>Towers &amp; Structures</b>					<b>Flood Tower LWP</b>		30 m LWP		Flood Light Tower upto 30m Height for Low Wind Pressure Area		
	1	MA-10801				General Arrangement Stress Sheet & Parts List (Welded)					A1
	2	MA-10802				Members & Joints (Welded)					A1
	3	MA-10803				Base & Landing Platforms (Welded)					A1
	4	MA-10804				Ladder & Top Platform (Welded)					A1
<b>Towers &amp; Structures</b>					<b>Flood Tower HWP</b>		30 m HWP		Flood Light Tower upto 30m Height for High Wind Pressure Area		
	1	MA-10808				General Arrangement Stress Sheet & Parts List (Welded)				8/23/1978	A1
	2	MA-10809				Members & Joints (Welded)					A1
	3	MA-10810				Details of Base and Landing Platforms (Welded )					A1

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Structure	SN	Loading Std	Span	Type	Sub Type	Gauge	Suitable For	Alt date	Size
<b>Miscellaneous</b>				<b>Watering Arrangement BG</b>		BG	Carriage watering arrangement		
	1	HA-10602		Carriage watering arrangement on electrified section(BG)					A1
<b>Miscellaneous</b>				<b>Washing Pit, ICM</b>			Integrated Coach Maintenance Facilities		
	1	RDSO/M-00006/R2/1 of 2		Integrated coach maintenance facilities required for washing pit (General Arrangement of washing pit)				11/8/2017	A1
	2	RDSO/M-00006/R2/2 of 2		Integrated coach maintenance facilities required for washing pit (General Arrangement of washing pit)				10/16/2014	A1
<b>Miscellaneous</b>				<b>Turn Table, Dia 65 feet MG</b>	Dia 65 feet	MG	Turn table (MGML Dia 65 feet)		
	1	M-8015		Turntable, M.G.M.L., Dia 65 feet. General arrangement				11/23/1965	A3
	2	M-8016		Foundation				11/23/1965	A3
	3	M-8017		Platform				11/23/1965	A3
	4	M-8018		Girders				11/23/1965	A3
	5	M-8019		Centre frames				11/23/1965	A3
	6	M-8020		Locking gear etc.				11/23/1965	A3
	7	M-8021		Balance roller and bearings				11/23/1965	A3
	8	M-8022		Cast details No.1				11/23/1965	A3
	9	M-8023		Wrought details				11/23/1965	A3
	10	M-8024		Cast details No.2				11/23/1965	A3
<b>Miscellaneous</b>				<b>Turn Table, Dia 22.86m BG</b>	Dia 22.86 m	BG	Turn table (BGML point support)	Dia 22.86m (3	
	1	M-10901		Turntable BGML, dia 22.86 m – (3 Point support). General arrangement				10/29/1971	A1
	2	M-10902		Foundations				10/29/1971	A1
	3	M-10903		Details of girders				10/29/1971	A1
	4	M-10904		Platform details				10/29/1971	A1
	5	M-10905		Details of diaphragm etc.				10/29/1971	A1
	6	M-10906		Central diaphragms & column				12/1/1971	A1
	7	M-10907		Cap and pivot				12/1/1971	A1
	8	M-10908		Locking arrangement; assembly				10/29/1971	A1
	9	M-10909		Locking arrangement details.				10/29/1971	A1
	10	M-10910		Driving arrangement; assembly				10/29/1971	A1
	11	M-10911		Driving arrangement; details				10/29/1971	A1
	12	M-10912		Driving arrangement; platform				10/29/1971	A1
	13	M-10913		Driving trailing race wheels				10/29/1971	A1
	14	M-10914		Race wheel beams				10/29/1971	A1
	15	M-10915		Race wheel axle bearings				10/29/1971	A1
	16	M-10915/1		Rail wheel axle bearings				10/29/1971	A1
	17	M-10916		Marking plan				12/1/1971	A1
	18	M-10917		Parts List				12/1/1971	A1
	19	M-10918		Shipping list				12/1/1971	A1
	20	M-10919		Proposed arrangement					A1
<b>Miscellaneous</b>				<b>Side pathway on steel Plate Girder</b>					
	1	CBS-0042/3		Details at Trolley refuge location				9/25/2014	A3
	2	CBS-0042/2		Bracket connection details				9/25/2014	A3
	3	CBS-0042/1		Side elevation of trusses				9/25/2014	A3
	4	CBS-0042		Plate and Cross-section view				9/25/2014	A3

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<b>Miscellaneous</b>		<b>Service Cable SCHEMATIC SKETCH FOR PASSING SERVICE CABLE PARALLEL TO TRACK</b>	
1	RDSO/M-00010	Passing of seismic cable through PSC slab & PSC girder ( schematic sketch)	A1
2	CBS-0039R	Service cable passing (PLATE GIRDER.)	2/26/2014 A3
<b>Miscellaneous</b>		<b>PTHWAY COMPOSITE GIRDERT PLAN OF SIDE PATHWAY IN STANDARD</b>	
1	CBS-0046	Typical arrangement for pathway in std. composite girder	12/1/2017 A1
<b>Miscellaneous</b>		<b>Permanent arrangement</b>	
1	CBS-0044	Permanent arrangement for inspection of deck type plate/composite Girders and all bearings	11/4/2016 A3
<b>Miscellaneous</b>		<b>Paver Blocks, RCC</b> RCC	
1	RDSO/M-00003	Road surface with precast RCC blocks on level crossing for light and heavy vehicles	A1
<b>Miscellaneous</b>		<b>Man refuge</b> OWG	Typical Arrangement for man refuge one through open web girder bridge
1	CBS-0045	Typical arrangement for pathway for O.W.G.	12/29/2017 A1
<b>Miscellaneous</b>		<b>Intze Tank, on Cylindrical Shaft</b> On Cylindrical	RCC Intze tank on cylindrical shaft, zones I to IV
1	RDSO/B-1378	General Arrangement. Capacity 250 Kiloliter with cylindrical shaft 20m high for seismic zones I to IV.	A1
2	RDSO/B-1379	Details of Tank	A1
3	RDSO/B-1380	Staging and landing platform	A1
4	RDSO/B-1381	General Arrangement. Capacity 100 Kiloliter with cylindrical shaft 20m high for seismic zones I to IV.	A1
5	RDSO/B-1382	Details of Tank	A1
6	RDSO/B-1383	Staging and landing platform	A1
7	RDSO/B-1388	General Arrangement. Capacity 50 Kiloliter with cylindrical shaft 15m high for seismic zones I to IV.	A1
8	RDSO/B-1389	Details of Tank	A1
9	RDSO/B-1390	Staging and landing platform	A1
10	RDSO/B-1514	Typical drawing of raft foundation for different bearing capacities of soil and seismic zone I to IV.	A1
<b>Miscellaneous</b>		<b>Intze Tank, on Column staging</b> on Column RCC Intze tank on column staging, zone I to IV	
1	RDSO/B-1235	General Arrangement, capacity 450 kl	A1
2	RDSO/B-1236	Details of tank (M-20)	A1
3	RDSO/B-1237	Staging (M-15)	A1
4	RDSO/B-1238	Landing platform (M-15)	A1
5	RDSO/B-1239	General Arrangement, capacity 225 kl	A1
6	RDSO/B-1240	Details of tank (M-20)	A1
7	RDSO/B-1241	Staging & Landing platform (M-15)	A1
<b>Miscellaneous</b>		<b>Height Gauge, RUB</b> RUB	
1	RDSO/M-0001	Road-under-bridge & level crossing for (5.5m & 8.0m clear span)	7/1/2014 A1
<b>Miscellaneous</b>		<b>Fencing, RCC Panel</b> Boundary Wall	
1	RDSO/M-00007	Boundary Wall along the Track on Identified High Speed Routes	A1
<b>Miscellaneous</b>		<b>Fencing, Barbed wire</b> Barbed wire	Provision for panel, high speed routes
1	RDSO/M-00007/1	Barbed wire fencing (cattle fence), along the track with provision of panel for future, on identified high speed routes	A1
<b>Miscellaneous</b>		<b>Expansion joint</b> Concrete Deck	
1	RDSO/B-1757R	Expansion Joint for Railway Concrete Bridge Deck	A1
<b>Miscellaneous</b>			
1	M-10920	Arrangement for proving LWR on steel using anchor arrangent (General arrangement and conditions)(on trial basis)	12/5/2018 A1
2	M-10920/1	Arrangement for proving LWR on steel using anchor arrangent (Details of anchor arrangement )(on trial basis) Only for trial on tunnels in J&K Project	12/5/2018 A1

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**RC Slab Ballastless**

1	RDSO/B-10061	Sleeper MRT-1673 W60M Drg.No.PVRS-01 (Rheda 2000 MRT) Patil Vossloh Rail System Pvt. Ltd (Design by firm) Vossloh 300 sleeper	A2
2	RDSO/B-10061/1	Sleeper MRT-1673 W60M Drg.No.PVRS-02 (Rheda 2000 MRT Single Track) Patil Vossloh Rail System Pvt. Ltd (Design by firm) Vossloh 300 sleeper	A2

<b>RC Slab Ballastless</b>	<b>MBG</b>	<b>3.05</b>	BG	after prior clearance of RDSO	
1	BA-10058	Precast RC Ballastless Slab Span 3.05m	(Concrete Grade M-25)		A1
<b>RC Slab Ballastless</b>	<b>MBG</b>	<b>2.44</b>	BG	after prior clearance of RDSO	
1	BA-10057	Precast RC Ballastless Slab Span 2.44m	(Concrete Grade M-25)		A1
<b>RC Slab Ballastless</b>	<b>MBG</b>	<b>1.83</b>	BG	after prior clearance of RDSO	
1	BA-10056	Precast RC Ballastless Slab Span 1.83m	(Concrete Grade M-25)		A1
<b>RC Slab Ballastless</b>	<b>MBG</b>	<b>1.22</b>	BG	after prior clearance of RDSO	
1	BA-10055	Precast RC Ballastless Slab Span 1.22m	(Concrete Grade M-25)		A1
<b>RC Slab Ballastless</b>	<b>MBG</b>	<b>0.91</b>	BG	after prior clearance of RDSO	
1	BA-10054	Precast RC Ballastless Slab Span 0.91m	(Concrete Grade M-25)		A1
<b>RC Slab Ballastless</b>	<b>MBG</b>	<b>0.61</b>	BG	after prior clearance of RDSO	
1	BA-10053	Precast RC Ballastless Slab Span 0.61m	(Concrete Grade M-25)		A1

**1.0 Rates of supply of IRS drawing – w.e.f 05-02-2015 :-**

Size	Cost Per drawing	GST
A-0	Rs. 2800/-	GST 12% to be added.
A-1	Rs. 2200/-	
A-2	Rs. 1400/-	
A-3	Rs. 800/-	
A-4	Rs. 600/-	

2.0 For purchase of drawing please contract SSE/SB-I Record (9795107991), and send an email at bsrecsb1@rdso.railnet.gov.in along with a request letter addressing Executive Director (B&S), RDSO, Manak Nagar, Lucknow, UP -226011, for supply of the drawing.

3.0 After receiving requisition, A form of invoice (GST) & appropriate details (cost of drawings/process of deposit of payment) will be sent to you by this directorate/by hand.

4.0 Payment should not be made until invoice number issued to firm by this office.

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