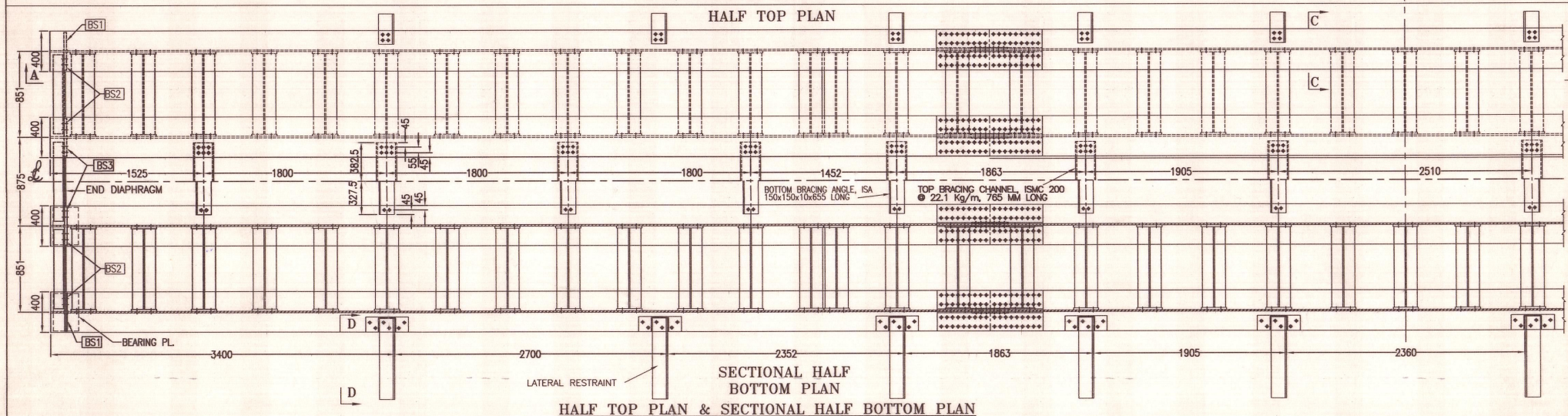
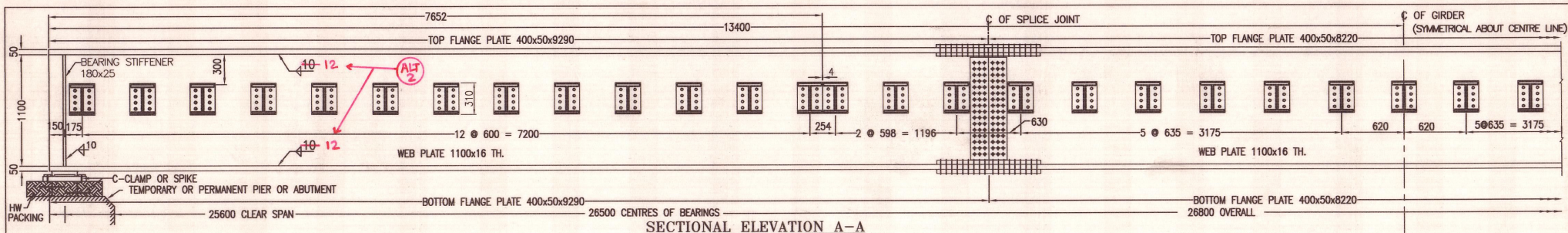


LIST OF DRAWINGS	
DESCRIPTION	REFERENCE
X-SECTION, SPLICE JOINT AND BEARING	RDSO/B- 11042/1
PART LIST AND SHIPPING NO.	RDSO/B- 11042/2

DESCRIPTION	SYMBOLS
FILLET WELD (ONE SIDE)	
FILLET WELD (BOTH SIDES)	
ANCHOR BOLTS	
HSFG BOLTS	
TURNED & FITTED BOLTS	

- FOR DETAILED NOTES, SEE DRAWING NO RDSO/B-11042/1
- THE TWO CHANNELS FOR LATERAL RESTRAINT SHALL BE SEPARATELY WELDED TO ANGLES/ PACKING PLATES RESPECTIVELY. THE ANGLES AND PACKING PLATES SHALL THEN BE WELDED TOGETHER.
- ALL DIMENSIONS ARE IN MILLIMETERS.

NOTES

HEXAGON HEAD FIT BOLT	IS: 3640
STEEL GR.B FULLY KILLED & NORMALISED	IS: 2062
SCHEME OF SYMBOLS FOR WELDING	IS: 813
METAL ARC WELDING	IS: 9595
SUB-MERGED ARC WELDING	IS: 4353
ELECTRODES	IRS M-28
WIRE FLUX COMBINATION FOR SAW	IRS M-39
FABRICATION SPECIFICATION	BT -2001

(SIZE A3)
MILLIMETRES
400 0 400 800 1200 1600
1:40

SPECIFICATION

SCALE

1 DIMENSION ALTERED

2. DIMENSION ALTERED

AL.T. DESCRIPTION

DATE

यह ड्राइंग अनुसन्धान अभिकल्प एवं मानक संगठन (रेल मंत्रालय) लखनऊ - 226011 (भारत) की संपत्ति है तथा बिना पूर्व लिखित अनुमति के इसका इस्तेमाल नहीं होना चाहिए अथवा इसकी /इसके किसी भाग की प्रतिलिपि नहीं बनायी जानी चाहिए.

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अ. अ. मा. सं. R. D. S. O.

"25T LOADING-2008" "25 टन भार 2008" TEMPORARY DOUBLE-I PLATE GIRDER- WELDED TYPE 26.8m OVERALL LENGTH

अस्थायी दो - I सेक्शन प्लेट गर्डर - वेल्डेड प्रकार 26.8 मी. ओवरऑल लम्बाई

GENERAL ARRANGEMENT AND DETAILS OF MAIN GIRDER सामान्य व्यवस्था तथा मुख्य गर्डर का विवरण

PROVISIONAL DATE-26.02.2015

RDSO/B-11042

डिजाइन रजिस्टर सं. DD/2015/5

पृष्ठ डिजाइन-UMA SHANKER (J.E.)
1-57 जांच-PRAKASH KUMAR RANJAN (J.E.)

रेखांकन-MOHD. AZHAR (S.S.E.)
जांच-UMA SHANKER (J.E.)

मिलान एवं जांच - ADE/SB-II

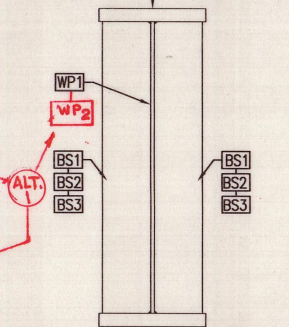
मिलान एवं जांच - DBS/SB-II
26/2/15

अनुमोदन - EDBS
26/2/15

ऑटो कैड फाइल सं - B11042
नोटिफिकेशन सं -

S. NO.	DIMENSIONS			PART LIST / PART NAME	NOS PAR SHIPPING MARK	SHIPPING MARK/NAME	DIMENSION L*B*H	TOTAL NOS PAR SPAN ARRANGEMENT	WEIGHT IN TONNE
	LENGT H	WIDT H	THICKNE SS						
1.1	9290	400	50	TF1 /TOP FLANGE	1	ZA/GIRDER COMPLETE	400*1250*9290	2	2.917
1.2	9290	400	50	BF1/BOTTOM FLANGE	1				2.917
1.3	9290	16	1100	WP1/WEB PLATE	1				2.567
1.4	1100	180	25	BS1/ BEARING STIFFENER	1				0.078
1.5	1100	180	25	BS2/BEARING STIFFENER	1	ZB/GIRDER COMPLETE	400*1200*8220	2	0.078
1.6	370	250	50	BEARING PLATE	1				0.073
2.1	8220	400	50	TF2 /TOP FLANGE	1				2.581
2.2	8220	400	50	BF2/BOTTOM FLANGE	1				2.581
2.3	8220	16	1100	WP2/WEB PLATE	1	ZC/GIRDER COMPLETE	400*1250*9290	2	2.271
3.1	9290	400	50	TF3 /TOP FLANGE	1				2.917
3.2	9290	400	50	BF3/BOTTOM FLANGE	1				2.917
3.3	9290	16	1100	WP1/WEB PLATE	1				2.567
3.4	1100	180	25	BS3/ BEARING STIFFENER	1	ZD/GIRDER COMPLETE	400*1200*8220	2	0.078
3.5	1100	180	25	BS2/BEARING STIFFENER	1				0.078
3.6	370	250	50	BEARING PLATE	1				0.073
4.1	8220	400	50	TF4 /TOP FLANGE	1				2.581
4.2	8220	400	50	BF4/BOTTOM FLANGE	1	ZE/GIRDER COMPLETE	400*1250*9290	2	2.581
4.3	8220	16	1100	WP2/WEB PLATE	1				2.271
5.1	9290	400	50	TF5/TOP FLANGE	1				2.917
5.2	9290	400	50	BF5/BOTTOM FLANGE	1				2.917
5.3	9290	16	1100	WP1/WEB PLATE	1	ZF/GIRDER COMPLETE	400*1200*8220	2	2.567
5.4	1100	180	25	BS3/ BEARING STIFFENER	1				0.078
5.5	1100	180	25	BS2/BEARING STIFFENER	1				0.078
5.6	370	250	50	BEARING PLATE	1				0.073
6.1	8220	400	50	TF6 /TOP FLANGE	1	ZG/GIRDER COMPLETE	400*1250*9290	2	2.581
6.2	8220	400	50	BF6/BOTTOM FLANGE	1				2.581
6.3	8220	16	1100	WP2/WEB PLATE	1				2.271
7.1	9290	400	50	TF7 /TOP FLANGE	1				2.917
7.2	9290	400	50	BF7/BOTTOM FLANGE	1	ZH/GIRDER COMPLETE	400*1200*8220	2	2.917
7.3	9290	16	1100	WP1/WEB PLATE	1				2.567
7.4	1100	180	25	BS1/BS2/BEARING STIFFENER	1				0.078
7.5	1100	180	25	BS2/ BEARING STIFFENER	1				0.078
7.6	370	250	50	BEARING PLATE	1	ZI/GIRDER COMPLETE	400*1200*8220	2	0.073
8.1	8220	400	50	TF8 /TOP FLANGE	1				2.581
8.2	8220	400	50	BF8/BOTTOM FLANGE	1				2.581
8.3	8220	16	1100	WP2/WEB PLATE	1				2.271
9.1	781	120	25	DTF/ DIAPHRAGM TOP/BOTTOM FLANGE	2	DP1/END DIAPHRAGM OUTER	781*120*896	4	0.147
9.2	781	840	12	DWP/ DIAPHRAGM WEB PLATE	1				0.247
9.3	100	120	6	JP/JACKING PLATE	1				0.002
10.1	781	120	25	DTF/ DIAPHRAGM TOP/BOTTOM FLANGE	2				0.074
10.2	781	840	12	DWP/ DIAPHRAGM WEB PLATE	1	DP2/END DIAPHRAGM INNER	781*120*890	2	0.124
11.1	795	230	20	RTF / DIAPHRAGM TOP FLANGE	1				2.594
11.2	795	150	12	RBF/ DIAPHRAGM BOTTOM FLANGE	1				1.685
11.3	795	230	12	RWP/ DIAPHRAGM WEB PLATE	1	RB/RAIL BEARER	835*250*310	90	1.650
11.4	250	310	20	REP/RAIL BEARER END PLATE	2				2.190
12	765	-	ISMC 200	TBC/TOP BRACING CHANNEL	1	0.237			
13	655	-	ISA 150x10	BBA/BOTTOM BRACING ANGLE	1	0.235			
14.1	300	-	ISA 150x15	LRT/LATERAL RESTRAINT TOP ANGLE	1	LR/LATERAL RESTRAINT	1040*400*32	8	0.202
14.2	800	-	ISA 150x15	LRB/LATERAL RESTRAINT BOTTOM ANGLE	1				0.538
14.3	1100	-	ISMC 150	LRC/LATERAL RESTRAINT CHANNEL	2				0.361
14.4	420	150	20	LBP/LATERAL RESTRAINT BOTTOM PLATE	1				0.198
14.5	290	140	16	LCP/LATERAL RESTRAINT CHANNEL PLATE	2	FCP1/SPICE PLATE	1040*400*32	8	0.102
15.1	1040	400	32	FCP1/TOP FLANGE OUTER COVER PLATE	1				0.836
15.2	1040	400	32	FCP2/TOP FLANGE INNER COVER PLATE	2				1.679
15.3	1040	400	40	FCP3/BOTTOM FLANGE OUTER COVER PLATE	1				1.045
15.4	1040	400	40	FCP4/BOTTOM FLANGE INNER COVER PLATE	2	FCP4/ SPICE PLATE	1040*180*40	8	2.090
15.5	1010	360	16	WCP/WEB COVER PLATE	2				WP/SPICE PLATE
TOTAL (T)									81.079
ADD 2% FOR BOLTS/ WELDS (T)									1.622
TOTAL WEIGHT OF COMPLETE GIRDER WITHOUT TRACK (T)									82.701
NO OF HSFG BOLTS 20 MM DIA PROPERTY CLASS 8.8									1440
NO OF TURNED BOLTS 21.2 MM ACTUAL DIA PROPERTY CLASS 4.6									3328
22 MM DIA BOLTS PROPERTY CLASS 4.6 FOR HOLDING PART SLEEPERS WITH RAIL BEARERS									360

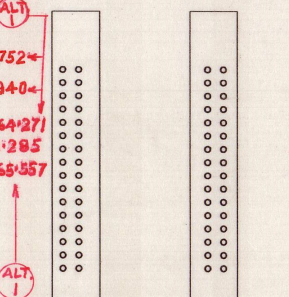
TF1-TF2-TF3-TF4-TF5-TF6-TF7-TF8



BF1-BF2-BF3-BF4-BF5-BF6-BF7-BF8
PART LIST OF MAIN GIRDER LEAVES

685 ZA-ZB-ZC-ZD-ZE-ZF-ZG-ZH

NOTE:
1. THE GIRDERS HAVE DIFFERENT HOLES (NOT SHOWN HERE) IN TOP FLANGE WHICH MAY BE SEEN IN DRAWING NO B-11042. HOLES IN BEARING STIFFENERS ARE SHOWN BELOW
2. BEARING STIFFENERS ARE NOT THERE IN (ZB) (ZD) (ZF) AND (ZH)



BEARING STIFFENER BS3 BEARING STIFFENER BS2 BEARING STIFFENER BS1

(SIZE A3)
NOT TO SCALE

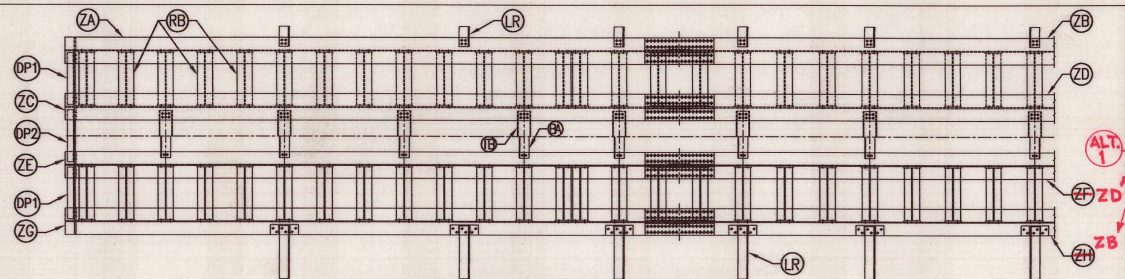
NOTE

SPECIFICATION

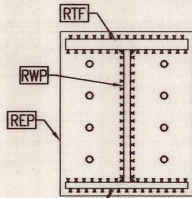
SCALE

ALT. DESCRIPTION

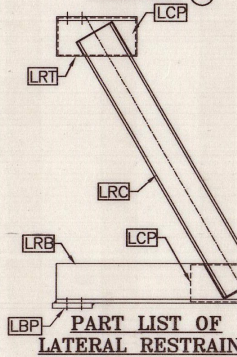
DATE



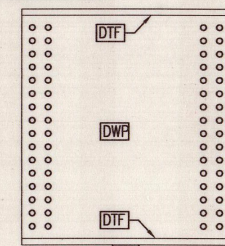
PLAN SHOWING SHIPPING LIST NOS



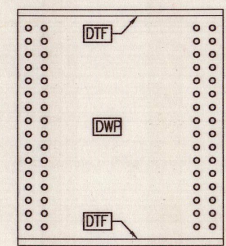
PART LIST OF RAIL BEARERS (RB)



PART LIST OF LATERAL RESTRAINT



PART LIST OF OUTER END DIAPHRAGMS (DP1)



PART LIST OF INNER END DIAPHRAGMS (DP2)

PART LIST OF TOP BRACING CHANNEL (TB)

PART LIST OF BOTTOM BRACING ANGLE (BA)

MAIN DRAWING

DESCRIPTION	REFERENCE
GENERAL ARRANGEMENT AND DETAILS OF MAIN GIRDER	RDSO/B-11042

यह ड्राइंग अनुसन्धान अभिकल्प एवं मानक संगठन (रेल मंत्रालय) लखनऊ - 226011 (भारत) की संपत्ति है तथा बिना पूर्व लिखित अनुमति के इसका इस्तेमाल नहीं होना चाहिए अथवा इसकी/इसके किसी भाग की प्रतिलिपि नहीं बनायी जानी चाहिए.

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अ. अ. मा. सं. R. D. S. O.

"25T LOADING-2008" "25 टन भार 2008"
TEMPORARY DOUBLE-I PLATE GIRDER- WELDED
TYPE 26.8m OVERALL LENGTH
इसका दो - I सेक्शन प्लेट गार्डर - वेल्डेड प्रकार
26.8 मी. ओवरऑल लम्बाई
PART LIST AND SHIPPING NO.
पार्ट लिस्ट और शिपिंग नं.

PROVISIONAL DATE-26.02.2015

RDSO/B-11042/2