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भारत सरकार - रेल मंत्रालय
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कार्यालय कोषाध्यक्ष Office	12/9/14
निदेशक Direc:	2/15
Adm Fms	
Sr. Instr/Tr	
RDSE	
Sr. Instr/Comp	

Lib.

No. CT/IM/LWR

Dated: 12.06.2014

23

As per list enclosed.

Sub: Manual of Instructions on Long Welded Rails 1996-Correction slip.

Ref: Railway Board's letter no.2011/CE-II/TK/LWR dated 17.04.2014.

Please find enclosed herewith a copy of Addendum & Corrigendum Slip no.16 of 2014 to Para 4.3.3(i) and Fig. 4.2.1(a), Fig. 4.2.1(b), Fig. 4.2.1(c) & Fig. 4.2.1(d) of Manual of Instructions on Long Welded Rails- 1996 for information and further necessary action. The Correction Slip is approved by Railway Board vide letter under reference.

(S. Sahu)
Director/Track-1
for Director General /Track

DA: As above.

• The Chief Administrative Officer (Construction):	मुख्य प्रशासनिक अधिकारी (निर्माण)
1. Central Railway, Mumbai CST - 400 001.	1. मध्य रेलवे, मुम्बई सीएसटी-400001
2. Eastern Railway, Fairlie Place, Kolkata-700 001.	2. पूर्व रेलवे, फेयरली प्लेस, कोलकाता-700001
3. East Central Railway, Hajipur – 844 101.	3. पूर्व मध्य रेलवे, हाजीपुर-844101
4. East Coast Railway, Bhubaneshwar – 751016	4. पूर्व तटीय रेलवे, भुवनेश्वर-364001
5. Northern Railway, Baroda House, New Delhi-110 001.	5. उत्तर रेलवे, बड़ौदा हाउस, नई दिल्ली-110001
6. North Central Railway, Allahabad – 211 001.	6. उत्तर मध्य रेलवे, इलाहाबाद-211001
7. N.E.Railway, Gorakhpur-273 012	7. पूर्वोत्तर रेलवे, गोरखपुर-273012
8. N.F.Railway, Maligaon, Guwahati – 781011.	8. पूर्व सीमान्त रेलवे, मॉलीगाँव, गुवाहाटी-781011
9. North Western Railway, Jaipur – 302001.	9. उत्तर पश्चिम रेलवे, जयपुर-755001
10. Southern Railway, Park Town, Chennai-600 003.	10. दक्षिण रेलवे, पार्क टाउन, चेन्नई-600003
11. South Central Railway, Rail Nilayam, Secunderabad- 500 371.	11. दक्षिण मध्य रेलवे, रेल निलायम, सिकन्दराबाद-500371
12. South Eastern Railway, Garden Reach, Kolkata-700043	12. दक्षिण पूर्व रेलवे, गार्डनरिच, कोलकाता-700043
13. South East Central Railway, Bilaspur- 495004.	13. दक्षिण पूर्व मध्य रेलवे, बिलासपुर-495004
14. South Western Railway, Hubli – 589020.	14. दक्षिण पश्चिम रेलवे, हुबली-589020
15. Western Railway, Churchgate, Mumbai-400 020.	15. पश्चिम रेलवे, चर्चगेट, मुम्बई-400020
16. West Central Railway, Jabalpur – 482001.	16. पश्चिम मध्य रेलवे, जबलपुर-482001

Principal Chief Engineer/Chief Engineer (Co-ordination),	प्रधान मुख्य अभियन्ता/ मुख्य अभियन्ता (समन्वय)
1. Central Railway, Mumbai CST - 400 001.	1. मध्य रेलवे, मुंबई सीएसटी-400001
2. Eastern Railway, Fairlie Place, Kolkata-700 001.	2 पूर्व रेलवे, फेरली प्लेस, कोलकाता-700001
3. East Central Railway, Hajipur – 844 101.	3 पूर्व मध्य रेलवे, हाजीपुर-844101
4. East Coast Railway, Bhubaneshwar – 751016	4 पूर्व तटीय रेलवे, भुवनेश्वर-364001
5. Northern Railway, Baroda House, New Delhi-110 001.	5 उत्तर रेलवे, बड़ौदा हाउस, नई दिल्ली-110001
6. North Central Railway, Allahabad – 211 001.	6 उत्तर मध्य रेलवे, इलाहाबाद-211001
7. N.E.Railway, Gorakhpur-273 012.	7 पूर्वोत्तर रेलवे, गोरखपुर-273012
8. N.F.Railway, Maligaon, Guwahati – 781011.	8 पूर्व सीमान्त रेलवे, मॉलीगाँव, गुवाहाटी-781011
9. North Western Railway, Jaipur – 302001.	9 उत्तर पश्चिम रेलवे, जयपुर-755001
10. Southern Railway, Park Town, Chennai-600 003.	10 दक्षिण रेलवे, पार्क टाउन, चेन्नई-600003
11. South Central Railway, Rail Nilayam, Secunderabad- 500 371.	11 दक्षिण मध्य रेलवे, रेल निलायम, सिकन्दराबाद-500371
12. South Eastern Railway, Garden Reach, Kolkata-700043.	12 दक्षिण पूर्व रेलवे, गार्डनरिच, कोलकाता-700043
13. South East Central Railway, Bilaspur- 495004.	13 दक्षिण पूर्व मध्य रेलवे, बिलासपुर-495004
14. South Western Railway, Hubli – 589020.	14 दक्षिण पश्चिम रेलवे, हुबली-580023
15. Western Railway, Churchgate, Mumbai-400 020.	15 पश्चिम रेलवे, चर्चगेट, मुंबई-400020
16. West Central Railway, Jabalpur – 482001.	16 पश्चिम मध्य रेलवे, जबलपुर-482001
17. Metro Railway, Metro Bhawan, Kolkata-700 071	17. मेट्रो रेलवे, मेट्रो भवन, कोलकाता-700071

1. GM (Const.), N.F.Railway, Guwahati. 781011	महाप्रबन्धक/निर्माण, पूर्व सीमान्त रेलवे, मॉलोगॉव, गुवाहाटी-781011
2. The Executive Director/(Civil) (P), Railway Board, Rail Bhawan, New Delhi 110001.	कार्यकारी निदेशक/सिविल (प्लानिंग), रेलवे बोर्ड, रेल भवन, नई दिल्ली -110 001
3. Executive Director, Track (P), Railway Board, Rail Bhawan, New Delhi 110001.	कार्यकारी निदेशक/रेलपथ (पी), रेलवे बोर्ड, रेल भवन, नई दिल्ली -110 001
4. Executive Director, Track (M), Railway Board, Rail Bhawan, New Delhi 110001.	कार्यकारी निदेशक/रेलपथ (एम), रेलवे बोर्ड, रेल भवन, नई दिल्ली -110 001
5. Director General, Railway Staff College, Vadodara.	निदेशक, रेलवे स्टाफ कॉलेज, बड़ोदरा
6. Director, IRICEN, Pune-411001.	निदेशक, भारतीय रेलवे, सिविल इंजीनियरिंग संस्थान, पुणे 411001
7. Director, IRCAMTECH, Maharajpur, Gwalior-474020.	निदेशक, इरकेमटेक, महाराजपुर, ग्वालियर 474020
8. The Chief Commissioner of Railway Safety, NE Railway Compound, Ashok Marg, Lucknow- 226001.	मुख्य संरक्षा आयुक्त रेलवे, पूर्वोत्तर रेलवे, कम्पाउन्ड, अशोक मार्ग, लखनऊ - 226001

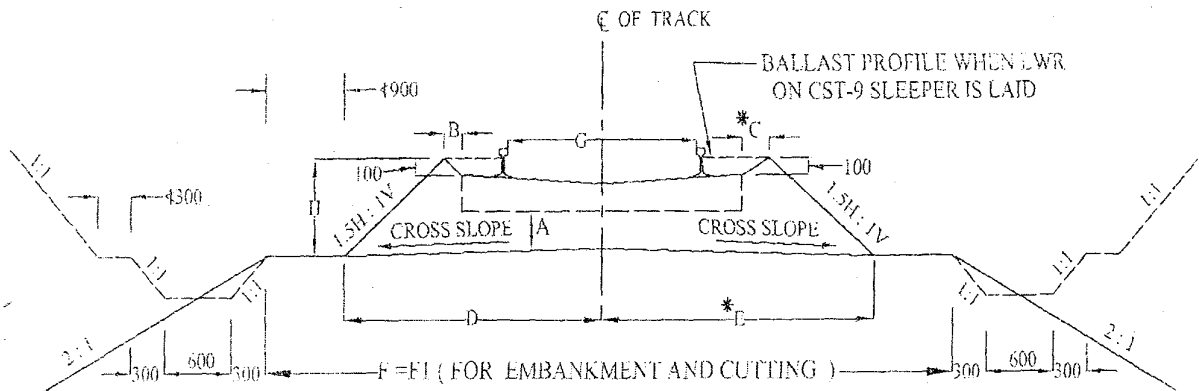
MANUAL OF INSTRUCTIONS ON LONG WELDED RAILS – 1996
ADDENDUM AND CORRIGENDUM SLIP NO. 16 OF 2014.

ITEM NO.1: Para 4.3.3(i) of Manual Of Instructions On Long Welded Rails – 1996 shall be amended as under:-

Existing Para		Modified Para	
Para 4.3.3(i)		Para 4.3.3(i)	
Type of sleeper	Sleeper density(BG/MG)	Type of sleeper	Sleeper density(BG/MG)
PRC Sleeper	1310 in Temperature Zones I & II	PRC Sleeper	1340 in Temperature Zones I & II

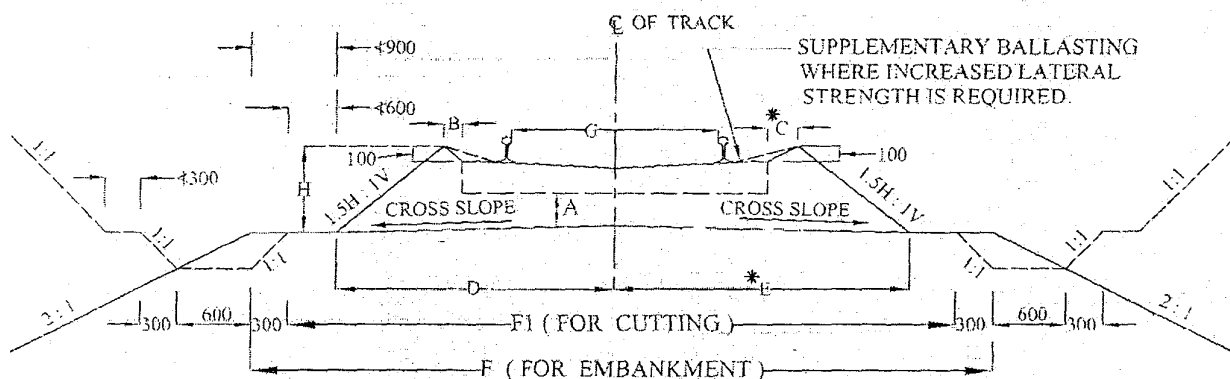
ITEM NO.2 : Fig. 4.2.1(a), Fig. 4.2.1(b), Fig. 4.2.1(c) & Fig. 4.2.1(d) of Manual of Instructions on Long Welded Rails –1996 shall be amended as under:-

(i) Ballast Profile (Single Line BG) Fig: 4.2.1 (a)



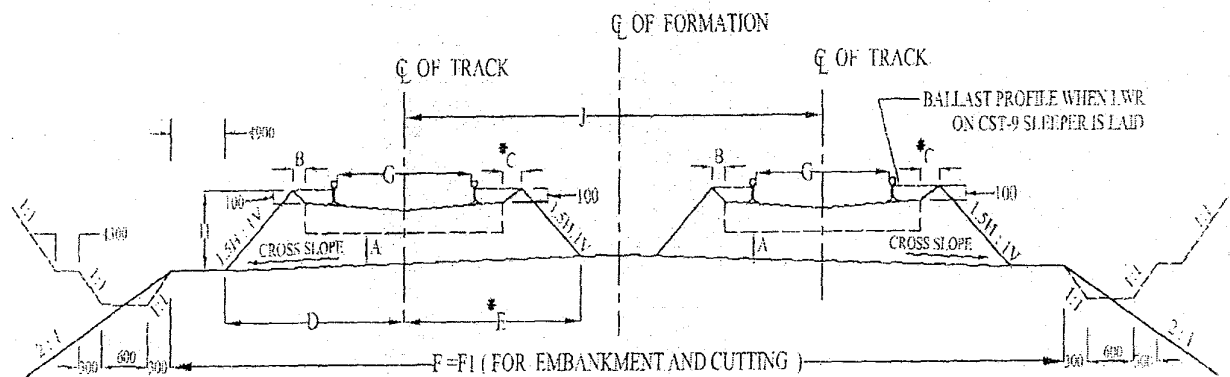
Existing Para	Modified Para
Fig. 4.2.1(a): Note 4-Suitable slope shall be given for side slope of ballast profile.	Fig. 4.2.1(a): Note 4-Ballast side slope shall be 1.5H : 1V.
For embankment : Width of formation (F) =6.85 m	For embankment : Width of formation (F) =7.85 m
For cutting : Width of formation (F1) =6.25 m	For cutting : Width of formation (F1) =7.85 m

(ii) **Ballast Profile (Single Line MG) Fig: 4.2.1 (b)**



Existing Para	Modified Para
Fig. 4.2.1(b): Note 4-Suitable slope shall be given for side slope of ballast profile.	Fig. 4.2.1(b): Note 4-Ballast side slope shall be 1.5H : 1V.

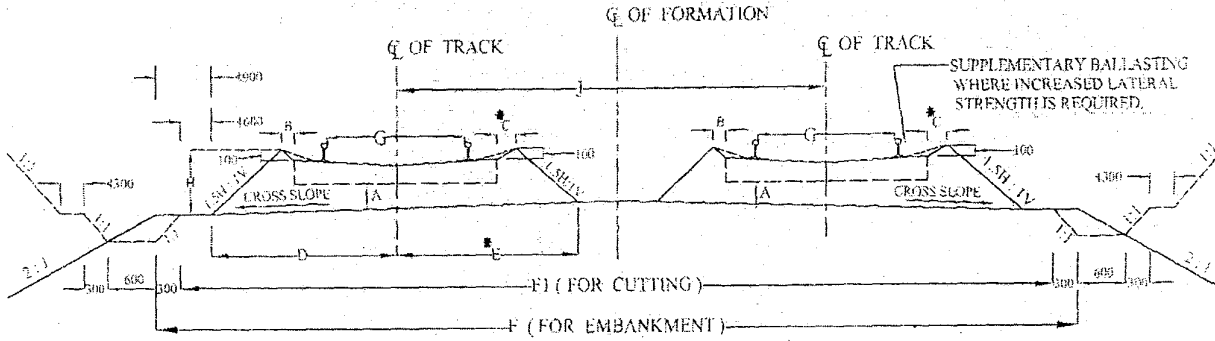
(iii) **Ballast Profile (Double Line BG) Fig: 4.2.1 (c)**



Existing Para	Modified Para
Fig. 4.2.1(c): Note 4-Suitable slope shall be given for side slope of ballast profile.	Fig. 4.2.1(c): Note 4-Ballast side slope shall be 1.5H : 1V.
For embankment : Width of formation (F) = 12.155 m	For embankment : Width of formation (F) = 13.16 m
For cutting : Width of formation (F1) = 11.555 m	For cutting : Width of formation (F1) = 13.16 m

(iv)

Ballast Profile (Double Line MG) Fig: 4.2.1 (d)



Existing Para	Modified Para
Fig. 4.2.1(d): Note 4-Suitable slope shall be given for side slope of ballast profile.	Fig. 4.2.1(d): Note 4-Ballast side slope shall be 1.5H : 1V.