

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:3806
ANSWERED ON:22.03.2001
GAUGE CONVERSION
KANTILAL BHURIA

Will the Minister of RAILWAYS be pleased to state:

- (a) the total length of railway lines converted so far, zone-wise;
(b) the details of progress made so far regarding completion of on-going gauge conversion of railway lines subject-wise;
(c) the expenditure incurred thereon so far alongwith estimated cost thereof, project-wise; and
(d) the funds allocated to each project during 1999-2000, 2000-2001 and 2001-2002 ?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI DIGVIJAY SINGH)

(a): Zone-wise length of railway liens converted since Project Unigague was launched on 01.04.1992 are as under:

Zone	Length (in Kms)
Central Railway	150
Eastern Railway	Nil
Northern railway	1572
North Eastern Railway	964
Northeast Frontier railway	836
Southern Railway	2346
South Central Railway	1539
South Eastern Railway	278
Western Railway	1104
Total	8789

(b) to (d): The details of progress made regarding on-going gauge conversion works, expenditure incurred thereon, cost of the project and funds allocated during the last three years are given in the enclosed statement.

Statement

Ongoing gauge Conversion works (Rs. In Crs.)

Zone	Project	Cost Out- lay	Out- lay	Expe- Out-	Out-	Remarks	
	99- 2000 01 Mar. 2001	cted exp. up to	lay 2001-02				
CR	Miraj-Latur	329	46.5	15.00	105.3	20	The work is being progressed in phases. In the first phase, gauge conversion work from kurduwadi to Pandharpur (52 km) has been completed. Residual works in the section are in progress. On Latur road-latur (42 km) earthwork and major and minor bridges have been

completed. Ballast and collection is nearing completion.

Work on Kurduwadi-Latur (143 km) has been taken up between kurduwadi and Yedshi (113 km) section. 29 out of 173 minor bridges and 5 out of 8 major bridges have been. No work on Osmanabad diversion (30 km) has been taken up. Miraj-Pandharpur (137 km) ph.IV work will be taken up as last phase of the project.

NER Gonda-Bahraich- 48 01.00 0.10 0
Sitapur-Lucknow
Ph.I##

1 The work will be taken up after the necessary clearances have been obtained.

Samastipur- 70 01.00 0.10 0
Khagaria##

5 The work will be taken up after the necessary clearances have been obtained.

Jayanagar- 335.77 10 8.00 8.55
Darbhanga-
Narkatiaganj

10 Jayanagar-Dharbhanga is to be done in first phase. Work is in progress. Earthwork for 32 km completed. Tenders for earthwork and ballast supply have been finalized.

For Ph.II work from Darbhanga to Narkatiaganj. Tenders for earthwork are under finalization.

Recently material modification for gague conversion of Narkatiaganj- Bhikanatori branch line has been sanctioned as a part of this project.

Railway asked to submit material modification estimate accordingly.

Mansi-Saharsa 89.49 10 3.00 23.51
incl. MM for
extension upto
Dauram-Madhepur
major bridge out of 10

3 Work is in progress. Earthwork has been completed in 29.17 km. 9 out of 13 minor bridges completed. 1

completed. 2 bridges on Bagmati river are in progress.

Tender for 2 major bridges on river Kosi (Br. No.44, 45) are under finalization.

Open line is constructing 2 important bridges.

Completion of these bridges would take 2-3 years period. Work of extension from Saharsa

to Dauram Madhepur GC (21 km)

included in the Budget 2001-02 as a Material Modification.

The work would be completed in the coming years as per availability of resources.

Hajipur-Bachwara 75.56 1 3.00 74.33

0.1 Work completed and commissioned. Shortfall in ballast is being made good. Work of LWR has been completed.

Mathura-Achnera 33.67 01.00 1.00 0.1
alongwith Kanpur-Kasganj-Mathura.

2 It is planned to do this work

Khadda-Gorakhpur 102.49 2.5 1.00 93.49

9 The work has been completed. Residual work of increasing ballast cushion and LWR conversion is expected to be completed shortly.

Kanpur-Kasganj- 609.04 26 26.00 52.44
Mathura-Bareilly
incl. MM for

26 Work is planned to be completed in 4 phases. Phase-I: Kanpur Farukhabad (140 km).

extension from Bareilly to Lalkuan						Earthwork is nearing completion and 103 out of 169 minor bridges have been completed. Work is in progress in 2 out of 5 major bridges.
						Ph.II Farukhabad-Kasganj (108 km). Earthwork and bridges have been taken up.
						Ph.III Kasganj-Mathura (105 km): No work has been taken up in this stretch so far.
						Ph.IV Kasganj-Bareilly (107 km): Earthwork and bridges are in progress.
Gonda-Gorakhpur Loop with Anand nagar Nautwna##	250	01.00	0.10	0	1	The work would be taken up after the requisite clearances have been obtained.
Indara-Phephana	35	1	0.10	34.48	0.1	The work has been completed and commissioned.
Narkatiaganj- Valmikinagar	67.87	1.5	3.00	61.88	5	The work has been completed and commissioned. Residual work of increasing ballast cushion and LWR conversion is expected to be completed shortly.
Samastipur- Darbhanga	41.54	-	0.10	37.88	0.1	Work completed and commissioned.
Kashipur-Lalkuan	58.89	20	9.98	55.43	2	The work has been completed and commissioned.
Chhapra-Aunrihar	170.93	1	0.10	169.91	0.1	Work completed and commissioned.
Muzaffarpur- Raxaul Raxaul- Birganj)	121.86	4	2.00	121.76	0.1	The work has been completed and commissioned. The work for Birganj to Raxaul (5 km) which is sanctioned as a material modification has also been completed.
Kaptanganj-Thave- Sivan-Chhapra##	268	01.00	0.10	0	1.1	The work will be taken up after necessary clearances have been obtained.
Katihar-Jogbani (including Katihar- Radhikapur)##	257	0.00	10.00	10	15	The work will be taken up after the requisite clearances have been obtained. The gauge conversion of Katihar- Radhikapur will be taken up as a material modification to main work.
Lumding-Silchar with MM to extension from Badarpur to Bhariagram plan and papers has been taken up.	696	40.	40.00	69.77	40	Final location survey completed except some geotechnical investigation which are in progress. Preparation of land acquisition RITES have already completed the paper alignment for entire length and staking of the alignment has been completed in 150 km. Earthwork and bridges are now in progress between Lumding and Silchar in 90 km length (40 km from Lumding end and 50 km from Silchar end). 40% for the earthwork in this 90 km length has been completed, and 60 minor bridges out of 138 in this length have also been completed. Work of Silchar-Jiribam gauge conversion is being carried out as a material modification of this work. Work of gauge conversion of Badarpur to

Baraigram (44 km) included in the Budget 2001-02 as a Material modification.

New Guwahati- 194.1 0.00 01.20 192.49 1.61 Work has been completed and commissioned.

Katakhal-Bairabh 200 2 0.10 0.1 5 Requisite clearances have since been received. Preliminary arrangements are being made for starting the work.

New Jalpaiguri- 535.88 69 80.00 128.74 80 The work is in very good progress and is being accorded high priority. It is planned to be completed by Dec.2003 subject to availability of resources.

Lumding-Dibrugarh 738.54 2 10.00 687.34 2 The work of main line from with linked Lumding to Dibrugarh. fingers @ Tinsukhia-Lekhapani and branch lines from Furkating to Mariani and Simalguri-Moranhat has been completed. Gauge Conversion work on Amguri-Tuli and Makrum-Dangari is in progress and will be completed in 2001-02.

NR Bhildi-Samdri 244.92 5 5.50 3.69 4.5 This work was sanctioned in 1990-91 as a part of Kandla-Bhatinda rail link. The work have been recently defrozen. Funds have been allotted. Preliminary, arrangements are being made to take up the work.

Luni-Barmer- 283.94 30 25.00 42.14 25.4 Earthwork between Luni-Samdari Munabao @ (50 km) has been completed and is in progress between Samdari and Barmer. 61 minor bridges out of 104 have also been completed and 4 out of 9 major bridges also completed. Ballast collection is in progress. 2.1 lakh cum out of 6.25 lakh cum ballast has been received.

It is proposed to take up work inphases from Luni to Samdari, Samdari to Jasai and then Jasai onward.

The work will be completed in the next 3 years as per availability or resources.

Luni-Marwar & 118.77 2 0.10 111.76 0.6 The work has been completed Jodhpur-Luni Financial adjustments are being made. The residual work of block proving with axle counters is in progress and will be completed in 2001-02.

Sriganganagar- 68.71 01.00 0.10 0.08 0.1 The work will be taken up Sarupsar## after the necessary clearances have been obtained.

Rewari-Sadulpur## 282.76 01.00 0.10 0.01 2 The work will be taken up including MM after the necessary clearances have been obtained. New work from Hissar to Sadulpur to Hissar GC included in the Budget 2001-02 as a Material modification.

Phulera-Jodhpur- 21.46 1 0.10 0 0.01 The work from Phulera-Pipar Road-Bilara Jodhpur has been completed and commissioned. The rest of section from Pipar Road to Bilara has been sanctioned as

a material Modification.
 Due to low operational
 priority and very light
 traffic on Pipar Road-
 Bilara section, work
 is temporarily pended and
 will be progressed as
 per availability of resources.

SCR Guntur-Guntakal 516.09 10 10.59 440.05 20 Guntur to Guntakal completed.
 and Guntakal- In Guntakal-Kalluru
 Kalluru @ New modification to alignment
 line from and gradients are being
 Pendakallu of worked out. Now with the
 Gooty sanction of Dharmavaram-
 Pakala, for which CCEA
 clearance is yet to be
 obtained, gauge conversion at
 Guntakal-Pakala would
 be done in one phase.

Work is in good progress
 on new line portion from
 Pendekallu-Gooty and work will be
 completed in 2001-02, subject
 to availability of resources.

Secunderabad- 287.83 20 20.00 35 19.87 The work has been taken up
 Mudkhed & in first phase from Mudkhed-
 Jankampet-Bodhan Nizamabad (96 km). Supply
 of ballast 1,50,650 cum
 out of 2,34,000 cum has been
 collected at site. On
 Mudkhed-Nizamabad section,
 earthwork in seven reaches
 has been completed and
 in balance 13 reaches works
 are in progress. Work
 has also been taken up in
 the remaining sections. The
 possibility of getting private
 funding for part of the
 work is being explored, with
 a view to expedite its
 completion.

Mudkhed-Adilabad 170.51 1 2.00 37.6 20 The work has been taken up
 under BOLT scheme.
 Agency has not been able to
 progress the work due to
 financing problems.
 Agency has tied up with
 M/s HUDCO for financing. In
 case finances are made available
 project is expected to be
 completed in 18 months time.

Solapur-Gadag 263.91 7 10.00 130.04 10 The work is being done in
 phases. The work on
 Solapur-Hotgi and Hotgi to
 Bijapur has been completed.

Work is in progress on
 rest of fosection form Bijapur
 to Gadag which will be
 completed in the coming
 years as per availability
 of resources. Funding
 through KRIDES is being tried
 with a view to expedite early
 completion of this work.

Katpadi-Pakala- 173.5 20 12.00 41.69 20 Out of 19 major bridges,
 Tirupati 15 have been completed and
 4 are in progress.
 Earthwork and ballast supply
 is also in progress (60%)
 in the entire section. Work
 is proceeding well and will
 be completed in the coming
 years as per availability
 of resources.

Akola-Purna 228 - 10.00 10 10 Final Location Survey is in

progress. Arrangements are being made to take up earthwork and bridges in first section from Purna to Hingoli (95 km).

Secunderabad- Dronachellam	351.05	5	5.00	334.45	0.55	The work has been completed.
Dharmavaram- Pakala##	251.22	10.00	0.10	0.1	1	The work would be taken up after the requisite clearances have been obtained.
Gondia-Chandafort	242.82	6	1.26	242.32	0.1	The work has been completed. Financial adjustments are being made.
Naupada-Gunupur##	66.35	100.00	5.10	5.14	0.1	CCEA clearance not yet received. The work will be taken up after the necessary clearances have been obtained.
Rupsa-Bangariposi	80	14	1.00	9.64	4	Earthwork and bridges are in progress on the entire length. Work upto cess level has been completed in the first two sections from km 0 to 51 km. Rest of section is in progress. Precast box segments for minor bridges from Rupsa to Baripada (51 km) has been completed.
Ranchi-Lohardaga with extension to Tori	185.31	10	3.00	15.97	4	The earthwork and minor bridges have been taken up on the Phase-I Ranchi-Lohardaga section. Work of 14 arch bridges & casting RCC Box is in progress. Tenders have been awarded for one major bridge and are being called for the remaining 3 major bridges. Tori-Lohardaga (New Line):- Final Location Survey has been completed.
Bankura-Damodar River Project including MM for extension of New line from Bowaichandi to Khanna	266.23	5	40.00	40.45	50	Tenders for earthwork and minor bridges have been finalized from km 0.6 to 57.1 and have been invited for the rest of the section. Extension of new line work from Bowaichandi to Khana (22 km) included in the Budget 2001-02 as a Material Modification.
Jabalpur-Gondia including Balaghat-Katangi	386.3	22	16.80	16.02	15	Final Location survey from Gondia to Balaghat including Balaghat-Katangi has been completed including geo-technical investigations of major bridges. The survey between Balaghat-Jabalpur is in progress. Land has been acquired upto Balaghat Formation work, bridge work and ballast supply are in progress between Gondia and Balaghat.
SR Dindigul-Trichy	131.07	9	5.50	95.85	0.5	The work has been completed and commissioned.
Trichy-Manmadurai	175	-	7.00	4	10	New work included in the Budget 2000-01. Detailed planning has been taken up.
Cuddalore-Salem via Vridhachalam## @	198.68	0.00	1.00	1	6	The work would be taken up after obtaining the requisite clearances.
Yelahanka- Chickballur and	57.54	2	0.10	57.44	0.1	The work sanctioned has been completed and commissioned.

Kolar-Bangarpet

Yashwantpur-Salem 176.29 2.99 0.10 175.34 0.5 Work has been completed.
 Section from Banyapannahalli to Salem has been commissioned.
 However, Banyapannahall-Yashwantpur is not getting commission due to public agitation to get ROB at Hebbal and Lingraypuram. State Govt. is being approached for its early commissioning.

Thanjavur- 331 10 10.00 6.03 10 The work would be taken up
 Villupuram main after
 line ## obtaining requisite clearances.

Madurai- 240 5 5.00 5.39 10 Necessary clearances
 Rameshwaram have been obtained.
 Earthwork and bridges have been taken up. No target date has yet been fixed.

Villupuram- 30 005.00 10.00 9 5 The necessary clearances
 Pondicherry have been obtained.
 Preliminary arrangements are being made for starting the work.

Trichchirappali- 146.11 2 3.00 81.23 13 The section from Trichy to
 Nagore-Karaikal Thanjavur (50 km) has been
 completed and commissioned.
 Work on rest of the section is in progress. No target date has been fixed. Nagpattinam-Vallankani

has been sanctioned as

a material modification to this work but alignment is under modification is consultation with the State Govt.

Chennai Beach- 696.83 67.5 35.50 409.52 0.5 Work has been completed and
 Tiruchchirappali commissioned. However, 12
 and crossing stations remain to be
 Arakonnam_Chengal provided of which 5 will
 pattu be completed in 2000-01 and
 the rest in 2001-02.

Villupuram- 175 - 5.00 2.23 5 FLS is in progress.
 Katpadi Detailed planning has
 been taken up.

Quilon- 327.61 10 15.00 21.97 20 In Virudhnagar-Tenkasi and
 Tirunelveli- Tirunelveli-Tiruchendur,
 Tiruchendur & bridge work and earthwork
 Tenkasi- has been taken up. Final
 Virudhnagar location survey has
 been taken up in the ghat section between Punalpur and Tenkasi to ease gradient and curves to suit BG. The work is being progressed as per availability of resources.

Mysore- 175 10.00 0.10 0.01 1 This work will be taken up
 Chamarajnagar## after the necessary
 clearances have been obtained.

Mysore-Hassan 193.99 10 10.00 184.39 0.5 The work has been completed
 except on Lakshman Tirtha bridge, which is being built on a diversion. The bridge will be completed by March, 2001.

Arsikere-Hassan- 325.98 28 26.00 136.38 58.1 Arsikere-Hassan-
 Mangalore Sakleshpur has been completed
 & commissioned.

Earthwork bridges, ballast collection on the rest of the section are in progress. Formation is ready between Mangalore and

Kabakaputtur (44 km) and Kabakaputtur to Subramanya road will be completed this year. Lowering of tunnels and widening of bank in ghat section has been taken up together with geonet treatment to prevent slip and slope failure in ghat section. The work will be completed in the coming years as per availability of resources. Funding through KRDC is being tried to expedite the completion of the work.

Bangalore-Hubli- Birur-Shimoga	427.7	3	2.00	397.66	0.5	The work on the line from Bangalore-Hubli & between Birur & Shimoga has been completed. Work is in progress on Shimoga Talguppa. Earthwork has been taken up from Shimoga-Kamsi (25 km) and Sagara-Talguppa (15 km) where progress is 90%. This section has light traffic and work is being progressed as per availability of resources.
WR Phulera-Marwar- Ahmedabad@	632.38	39	15.00	618.85	13.5	Work has been completed and commissioned. Residual works are in progress.
Ajmer-Udaipur Chittaurgarh including MM for extn from Udaipur to Umra	294.69	25	10.00	19.18	15	The work is progressing between Udaipur and Chittaurgarh in first phase in first phase 4.57 lac cum of earthwork has been completed out of 17.41 lac cum, substructure of 86 minor bridges have been completed and other 12 bridges out of the total 202 minor bridges is in progress. Out of total of 8 major bridges, one has been completed in all respect and substructure of 4 more bridges have been completed. No target date has yet been fixed. New work from Udaipur to Umra (11 km) included in the Budget 2001-02 as a Material modification.
Agra-Bandikui	178.03	10	9.09	20.6	10	Earthwork and bridges are in progress. 60 minor bridges out of 193 nos, substructure of 4 major bridges out of 9 nos. and 8 minor bridges have been completed an 1.3 lacs cum earthwork out of 3.07 lac cum has been completed. The work is being progressed as per availability of resources.
Bhildi (Mehsana- Patan)-Viramgam @	134.75	7	6.90	15.4	15	Mehsana-Patan MG section has been restored. Tenders for Earthwork, minor & major bridges have been awarded. Substructure of all 3 major bridges and all 77 minor bridges have been completed. 78000 out of 1.12 lakh cum earthwork has also been completed. The target for completion of this work has not yet been fixed. Work on new line for Patan-Bhildi is frozen.
Dharangadhara-	10.17	1	0.01	0.01	2	This work is being done on

Kuda siding 1/3 cost sharing basis

with co-sharers are Ministry of Railways. Gujarat Government and the Ministry of Industry. Earthwork has been completed and full ballast supply has been taken. Second hand Rails are being arranged from CR. The co-sharers have deposited their full shares. Work is expected to be completed during 2001-02.

Surendernagar- 441.63 30 40.00 46.66 34.4 The work is in good progress.
Bhavnagar-Rajula- 57 major bridges out of
Mahuwa with the total 59 major
extn. Upto bridges and 264 minor
Pipavav of Sihor- bridges out of 280 minor
Palitana @ bridges is in progress. Out

of total 25.11 lac cum of earthwork, contracts for 9.37 lac cum of earthwork have been awarded.

Substructures of 185 minor, 54 major and 6.27 lac cum of earthwork has been completed. Papers for Land Acquisitions for New line portion from Rajula city to Pipavav have been submitted to State Govt. The formation and bridge work are in good progress. Track, signaling work etc. are to be done by an SPV consisting of Ministry of Railways and GPPL. NOU has been signed. Further follow up action is being taken. Target date is Dec.2002.

Surender Nagar-Dharangadhara

GC has been sanctioned as a material modification.

Wankaner-Maliya 100.85 35 30 88.42 5.5 The work is in good progress.
Miyana The first phase from

Maliya Mayana to Navlakhi via Dahinsara has been completed and opened for traffic on 30.09.1999. Mega block for the project has started. Track linking has been completed. Work on the rest of section is targeted for completion during 2001-02.

Gandhidham-Bhuj 50.75 20 20.00 43.32 1 The work has been completed.

Rajkot-Veraval 291.61 3 10.00 25.58 20 Earthwork minor bridges and including MM strengthening of major bridges for extension from Wansjalia to Jetalsar have been taken up and are in progress. 2.82 lacs cum earthwork out of 4.71 lacs

cum, substructure of 27 major bridges out of 32 major bridges, 136 minor bridges out of total 156 nos. and 1.38 lacs cum of Ballast, out of 3.94 lacs cum have been completed. Contracts for superstructure of all Bridges has been awarded and is in progress. The work is expected to be completed during the coming years as per availability of resources. New work from Jetalser to Wansjaliya (90km) included in the Budget 2001-02 as a Material Modification.

Gandhidham- 370.74 10 3.00 0.05 15 Necessary clearances have been
Palanpur obtained. Preparation of plans
and estimate has been taken up.