WESTERN RAILWAY

Status of sanctioned Projects as on 01.09.2016

									(Rs in crores)
Sr. No		Year of sanction	Abstract/ Sanctioned Cost	Approx. Expendit ure up to 31.03.16	Budget Grant during 2016-17	Total length (in km)	Length commiss ioned (in km)	Balance length (in Km)	Remarks
	NEW LINES								
	Dahod - Indore via Sardarpur, Jhabua & Dhar (204.76 Km) (23 Km in Gujrat) (181.76 Km in M.P.)	2007-08	1640.04 (S)	332.20	100.00 (SF)	204.76	15.00	189.76	Gujarat: 23 Km - Phase-I -Detailed estimate costing Rs. 1640.04 Cr. has been sanctioned on 19.06.12. Land acquisition has been completed in Dahod-Katwara section. Earthwork, minor bridge & major bridges have also been completed in this section . Phase-II- Land acquisition proposals in remaining 9.68 Km are under process . Madhya Pradesh : 181.76 Km Phase I - In Indore-Sagore (38.40 Km) section, The contracts for earthwork,Monor/Major brides are in progress.There is a 2.8 Km tunnel between Tihi & Pithampur stations which yet to be started. Phase-II- The land aquisition activities has started in continuation of Sagore after sanction of detailed estimate. Work is in progres in Tihi-Pithampur-Sagore section , Land acquisition nearly completed in this section. Commissioned - Indore - Rau - 15 Kms. Targeted -(2016-17) - 08 Km. Rau-Tihi - 08 Km.
2	Chotta Udepur - Dhar(157.00 Km) (27 Km in Gujrat) (130.00 Km in MP)	2007-08	1347.26 (S)	270.63	100.00 (SF)	157.00	0.00	157.00	Gujarat: 27 Km -Part detailed estimate costing Rs. 102.95 Cr. was sanctioned on 19.11.08 for Chotaudepur to Alirajpur(40 Km).The consolidated detailed estimate costing Rs. 1347.26 Cr. sanctioned on 06.09.12.The work has been taken up to 40 Km from Chota Udepur side.The earth work,Minor bridges and Major bridges are in progress in 30 km portion . Madhya pradesh: 130.00 Km -The land acquisition from Km 27 to Km 50 in Madhya pradesh juridiction is completed. The paper for land acquisition from Km 50 to 65.40 has been completed submitted to State authority after sanction of consolidated detailed estimate.Work is in progress between Km 27 to 50 (Alirajpur).
3	Bhimnath-Dholera (28.00 Kms.)	2016-17	283.77 (U)	0.00	0.01 Cap + 0.01 (EBR(IF))	28.00	0.00	28.00	New work sanctioned in 2016-17. Detailed Project Report under process of sanction.

(A) - Abstract cost (S)- Sanctioned cost (U)- Unsanctioned cost

(Rs in crores)

									(Rs in crores)
Sr	. Name of Project	Year of	Abstract/	Approx.	Budget	Total length	Length	Balance	Remarks
		sanction	Sanctioned	Expendit	Grant	(in km)	commiss	length	
No			Cost	ure up to 31.03.16	during 2016-17		ioned (in km)	(in Km)	
				31.03.10	2010-17		(III KIII)		
	GAUGE CONVERSION								
1	Patan-Bhildi New line	1990-91		235.89	100.00	155.63	104.60		
	(Part of VG-MSH-				(SF)				
	Paten-Bhildi GC Project		66.32(S)		+ 100.00	64.81	64.81		Completed.
	a) VG-MSH		53.43(S)		EBR(IF)	39.79	39.79		Completed.
	b) MSH-Patan		237.12(S)			51.03	0.00	51.03	The Railway Board vide their letter in Mar 2007 advised to take up the work
	c)Patan-Bhildi								in hand. 135.75 hect out of 160.465 hect. land acquisition completed. In
									first 10 Kms., earthwork , minor bridges, major bridges, ballast supply and
									track linking completed except track linking near "Rani Ki Vav" an archeological monuments for which the NOC from National Monument
									Authority, New Delhi had been denied vide their letter in OCt 2013.Now
									NOC for alternate alignment near " Rani ki Vav" had been granted by ASI-
									Delhi in May 2015. Section-III for Land acquisition for an alternate alignment
									is yet to be issued by Collector- Patan District, Gujarat.Social impact
									assesment study is being carried out by Gujarat Govt
									Remaining 41.23 Km section : The substructure of all major bridges have been completed except one.
									Contracts awarded for Earthwork & Minor bridges, Structure and stations,
									transportation of P. Way materials .Work is in progress.
	Mahesana-Taranga	2011-12	194.64			57.40	0.00	57.40	Estimate costing 194.64 Cr. has been sanctioned by GM in Dec
	hill GC MM of VG-		(S)						2015.Contracts for earthwork,ballast supply and Arch lining have been
	MSH-Bhildi GC project								awarded.
Ļ		2008-09	1030.29	624.46	E0 00 (CE) :	298.6	128.00	170.60	Commissioned 400 Km (Bellem Indexs 8 Box Mhorr)
4	Ratlam-Mhow- Khandwa-Akola -	2008-09	1030.29 (part	624.46	50.00 (SF)+ 100.00	298.6	128.00	170.60	Commissioned - 128 Km (Ratlam-Indore & Rau-Mhow) Targeted (2016-17) - Indore-Rau-14 Km
	(472.60 Kms.) -		estimate		EBR(P)+				& Dhosawas Loop -5.70 Km- Commissioned.
	(298.60 Kms. in WR)		santioned		100.00+				Balance section : Part estimate for Khandwa-Sanawad (62.05 Km) costing
	(174.00 Kms. in SCR)		for 222.50		(EBR(IF))				427.25 Cr. has been sanctioned by Railway Board in Oct 2015 tenders are in
			Km)						process .Contracts awarded. Work is in progress.
									Sanawad-Mhow - Ghat section is under preparation. The section has a ghat section of approx. 33 km between Patalpani and Mukhtiyara-Balwada
									stations in MG with steep slope/gradient of 1 in 40, which is being eased
									out to 1 in 100 with diversion passing through forest land and would
									involve acquisition of forest land and tunneling work.Land acquisition
									proposals have been submitted to State Govt. in June 2016.
Ļ	Ab was dab a d	2000 02		20.40	400.00 (05)				The detailed estimate amounting 200 C.C. for Abuse date 1.11
3	Ahmedabad - Himmatnagar -	2008-09		36.46 (WR)	100.00 (SF) +				The detailed estimate amounting 385.6 Cr. for Ahmedabad -Himmatnagar- Udaipur(299.2 Km) (87.25 Km under juridiction of WR) gauge conversion
	Udaipur (GC) -		277.14	(*****)	166.26	87.25	0.00	87.25	along with Material Modification Shamlaji-Modasa New Line has been
	(299.20 Km)-		(S)		(EBR(IF))				sanctioned by Rly. BdThere was inadequate allotment of funds in the
	Ahmedabad -								previous years and the funds alloted were utilized by North Western
	Himmatnagar								Railway for GC in their juridiction. In 2016-17 Rs. 266.26 Cr. has been
	(87.5 Km. under WR) (211.7 Km under								alloted to this project. 13 Tenders for Earthwork , Ballast supply & Misc. structures between Ahemdabad to Kathiyal section have been awarded
	NWR)								.Work is in progress.Other tenders are in process.
	,								
	Modasa-Shamlaji		108.46	1		22.53	0.00	22.53	This project sanctioned as material modification of Ahmedabad-
	Road (NL) - (22.53		(S)						Himmatnagar-Udaipur GC project. Alignment for Modasa-Shamlaji (new
	Kms.)								line) section as approved by Gujarat Govt. is also approved by Rly. Board
									in Sep 2015. The land acquisition proposals along the approved route is in
									progress, submitted to state Govt. in March'16. FLS tender awarded. Work is in progress.
<u></u>			1	<u> </u>					

(Rs in crores)

_										(RS in crores)
	ŝr.	Name of Project	Year of	Abstract/	Approx.	Budget	Total length	Length	Balance	Remarks
			sanction	Sanctioned	Expendit	Grant	(in km)	commiss	length	
ı	lo			Cost	ure up to	during		ioned	(in Km)	
					31.03.16	2016-17		(in km)		
								` '		
T	4	Bhuj-Naliya(GC) with	2008-09	321.62(S) +	40.07	50	126.00	0.00	126.00	Detailed estimate for Bhuj-Naliya (101.35 Kms.) GC sanctioned by Rly.
		extension from		162.17(Ú)		(SF)+				Board in Aug 2014.
		Naliya to Vayor		(-,		50.00				For Nalia-Vayor (24.65 Km) New Line , estimate yet to be sanctioned.
		. ,				(EBR(IF))				Contracts for Earthwork, Major ,Minor bridge and Ballast supply etc. in
						· · · //				Bhuj-Naliya section have been awarded. Balance tenders for
										earthwork/minor bridges, major bridges, ballast & Buildings opened and
										are under finalization.
L										
		a) Rajkot-Verval (GC)-	2011-12	232.75 (S)	491.18	50.00	185.00	185.00	0.0	Completed.
		b) Wansjaliya-		202.69 (S)		(SF)	90.61	90.61	0.00	Completed.
		Jetalsar (GC)		29.06 (S)			5.02	5.02	0.00	Completed
		c) Veraval- Somanath		320.26(U)			46.00	0.00	46.00	Detailed estimate submitted to Railway Board in Dec 2014 for sanction.
		(NL)								
		d) Shapur-Saradiya								
		(GC)								
	- 1	e)Somnath-Kodinar	2011-12	394.46(S)	17.28		36.91	0.00	36.91	Detailed estimate has been sanctioned by Railway Board in Sep 2015 . Land
	ı	(NL) (part of RJT-								acquisition proposals for 20 villages has been submitted to District
	ŀ	Veraval)								collector Gir Somnath. Contracts for major bridges (4 Nos.)
		•								awarded. Tenders for remaining works will be invited after land acquisition.
Γ	6	Miyagam-Samlaya	2011-12	935.40	0.79	15.00	96.46	0.00	96.46	Detailed estimate under finalization for sending to Railway Board for
		(GC)		(U)		(SF)				sanction.
F	7	Ahemdabad-Botad	2012-13	975.62	77.00	52.00	170.48	0.00	170.48	Project is being executed by RVNL.
		(GC)	2012 10	(S)	77.00	(S.F.) +	170.40	0.00	170.40	Troject to boing excedited by terria.
		(00)		(0)		50.00				
						EBR(IF)				
						LDIX(II)				
H	8	Dhasa-Jetalsar (GC)	2012-13	6444.36	21.09	42.00	104.44	0.00	104.44	Project is being executed by RVNL.
	۲	Dilada detaleai (00)	2012-10	(S)	203	(S.F.)	10-1.4-1	0.00	10-7.77	Topot to boing oxecuted by terral
				(5)		(0,	1			
ŀ	9	Ahemdabad -	2015-16	477.56	0.00	50.00	70.00	0.00	70.00	Detailed estimate has been sanctioned by Railway Board in Feb 2016 . 10
1	-	Mahesana (GC)	_0.0.0	(S)	0.00	(S.F.) +		0.00	. 0.00	Contracts awarded and 5 tenders under finalization.
				(5)		50.00	1			
						EBR(IF)	1			
						0.00	1			
				i		0.00				

⁽A) - Abstract cost (S)- Sanctioned cost (U)- Unsanctioned cost

_	Name of Buston	V	Abatent	A	Devilent	Tatal Inner	Lawrett	Delever	(Rs in crores)
Sr.	Name of Project	Year of sanction	Abstract/ Sanctioned	Approx. Expendit	Budget Grant	Total length (in km)	Length commiss	Balance length	Remarks
No		Sanction	Cost	ure up to	during	(III KIII)	ioned	(in Km)	
			•••	31.03.16	2016-17		(in km)	(
ļ							, ,		
-	DOUBLING								
	Udhna-Jalgaon with	2008-09	1389.62	1513.53	225.00	306.93	148.00	158.93	Gujarat : 98.00 Km -
	electrification		(S)		(Cap.)				Commissioned - 72 Km.
ļ	(306.93 Km)		` ,		+ 1				Bardoli-Navapur - 72 Km
	(98 Km in Gujrat)				600				Targeted -(2016-17) - 16 Km.
ļ	(208.93 Km in				(EBR(IF))				Bardoli-Chalthan -16 Km -Commissioned.
ļ	Maharashtra)								
ļ									Maharashtra : 208.93 Km -
									Commissioned - 60 Km. Navapur-Chinchpda - 17 Km
									Amalner-Paldhi -43 Km
									Targeted -(2016-17) - 102 Km.
ļ									Chinchpada-Khandbara - 18 Km
									Khandbara-Nandurbar - 23 Km
									Amalner-Nardana - 28 Km
									Dondaicha-Sindhkheda - 20 km
									Sindhkheda-Nardana - 13 Km Remaining 56.93 Km will be commissioned by 31-03-2018 subjected to
									availability of adequate fund.
									aranasinty of adequate fund.
2	Viramgam-	2011-12	1037.15	258.54+	15.00	182.23	43.00	139.23	Completed - 43 Km.
ļ	Samakhiyali(182.23	-	(S)	236.50	(Cap.)				Viramgam-Sadla - 21.00 Km
ļ	Km)			EBR(IF)	+				Jatpipli-Vasadva - 11.50 Km
					350				Chuli-Sukhpur - 10.50 Km
					(EBR(IF))				Targeted -(2016-17) - 30.50 Km.
									Dharangadhra - Chuli - 15.00 Kms. Vasadva- Dharangadhra - 15.50 Km
									Remaining 108.73 Km will be completed in due course of time subjected to
									availability of adequate fund.
3	Viramgam-	2010-11	279.4	289.35+	0.01(Cap.)	65.26	65.26	0.00	Project completed.
	Surendranagar - (65.26 Km)		(S)	43.51 EBR(IF)	+ 76.00				
	(05.20 Kill)			EBK(IF)	(EBR(IF))				
	Vatva-Ahemdabad	2013-14	39.78	12.34	5.0(Cap.)	7.50	0.00	7.50	Detailed estimate sanctioned.Contracts have been awarded. The work is in
	(3rd Line)-(7.5 Km)		(S)	(EBR(IF))	+ 150.00				progress.
					(EBR(IF))				
					(==:(:: //				
5	Palanpur-Samakhiyali	2013-14	1266.89	0.00	1.0 (Cap.) +	274.73	0.00	274.73	Project is being executed by RVNL.
	-(274.73 Km)		(A)		150				
					EBR(IF)				
ļ									
6	Surat-Kosamba-	2000-01	133.00	0.00	0.0001	35.00	0.00	35.00	Project is freezed by Railway Board.
	(35.00 Km)	-	(U)		(Cap.)		-		
,	Surrendranagar-	2015-16	1002.39	0.00	10 (Cap.) +	116 17	0.00	116.17	Detailed estimate canctioned by Pailway Poord on in June 2045
	Rajkot (116.17 Km)	2010-10	(S)	0.00	230	116.17	0.00	110.17	Detailed estimate sanctioned by Railway Board on in June 2016. 6 tenders opened, 4 contracts for major bridges, station buildings, Ballasi
١	,		(3)		EBR(IF)	[supply and Misc. Structures awarded . Work is in progress. Tenders for
					V /				Daldi-Rajkot section are under finalization.
8	Nimach-Chittaurgarh	2015-16	389.98	0.00	5 (Cap.) +	55.73	0.00	55.73	Detailed estimate costing Rs.389.98 Crs. sanctioned by Railway Board on
	(55.73 Km)		(S)		120]			11.02.2016 .
					EBR(IF)				Five tenders for earthwork,major & minor bridges and ballast supply
									opened and under finalisation.
9	Vatva-Ahemdabad -	2015-16	179.53	0.00	10 (Cap.) +	15.00	0.00	15.00	Detailed estimate sanctioned by Railway Board in June 2016.Tenders are
ļ	Sabarmati -4th line -		(U)		75 EBR(IF)				being invited.
_	(15.00 Km) Indore-Dewas-Ujjain	2016-17	700.00	0.00	0.01 (Con.)	80.00	0.00	80.00	New work sanctioned in 2016-17. Detailed Project Report under
	Doubling of Broad	2010-17	(Abstract)	0.00	0.01 (Cap.) +	00.00	0.00	00.00	preparation.
- 1	-		(Albairati)		0.01				ppa
	gauge single line				(EBR(IF))				
	gauge single line section -				"				
						0.44	0.00	0.44	v
	section - (80.00 Kms.)	2016-17	31.28	0.00	0.01 (Can)	().44	0.00	V.TT	1.*
1	section - (80.00 Kms.) Nagda-Ujjain	2016-17	31.28 (Abstract)	0.00	0.01 (Cap.) +	0.44			
1	section - (80.00 Kms.)	2016-17	31.28 (Abstract)	0.00		0.44			
1	section - (80.00 Kms.) Nagda-Ujjain Doubling of Gambhir	2016-17		0.00	+	0.44			
1	section - (80.00 Kms.) Nagda-Ujjain Doubling of Gambhir bridge (0.44 Km)	2016-17		0.00	+ 0.01	0.44			
1	section - (80.00 Kms.) Nagda-Ujjain Doubling of Gambhir	2016-17		0.00	+ 0.01	0.44			

SURVEY COMPLETED IN LAST 5 YEARS (01-04-2011 TO 31-03-2016) IN GUJARAT

Sr. No.	Name of Survey	Length Kms.	Month & Year of	State	Project cost Rs. in	Rate of Return	Remarks
	(A) NEW LINE		completion		(crores)		
	(A) NEW LINE		T				
1	Traffic Survey for Bhavnagar- Pipavav-Una-Kodinar for New Line.	268.34	May 2011	Gujarat	1079.60	(-) 0.20%	Report under scrutiny of Railway Board.
2	Updating Survey for new BG line between Bhavnagar - Mahuva	117.60	Dec. 2011	Gujarat	592.63	(-) 2.32%	Report under scrutiny of Railway Board.
3	Updating Survey for new BG line between Kodinar - Pipavav Coastal Line	106.88	May 2011	Gujarat	481.47	(-) 0.20%	Report under scrutiny of Railway Board.
4	Updating Survey for new BG line between Bhavnagar - Tarapur	135.90	Dec. 2011	Gujarat	744.61	(+) 0.59%	Report under scrutiny of Railway Board.
5	Updating Survey for new BG line between Bhavnagar - Khambhat	130.60	Dec. 2011	Gujarat	737.01	(+) 0.73%	Report under scrutiny of Railway Board.
6	Reconnaissance Engineering Cum - Traffic Survey for new BG line between Botad - Gondal via Jasdan	108.50	Feb. 2012	Gujarat	1014.69	(-) 3.65%	Shelved vide Rly. Bd's letter No. 2012/W1/WR/Survey/BTD-GDL dated 25-04-2014
7	PET Survey for GC between Botad - Bhimnath & Extn. by new BG line upto Dholera.	57.26	Feb 2012	Gujarat	496.21	(+) 3.76 %	Report under scrutiny of Railway Board.
8	PET Survey for new BG line between Bhimnath-Dholera	27.60	Aug.2012	Gujarat	252.33	(+) 3.93%	Project sanctioned vide Pink Book 2016 17 Item No.3.
9	Bilimora - Waghai - GC and Extn.upto Manmad by New Line	253.65	<u>Dec.2012</u> June 2013	Gujarat & Maharashtra	3538.01 3525.27	(+) 2.27% (+) 2.29%	Report under scrutiny of Railway Board.
10	RET Survey for new BG line between Botad-Gondal via Jasdan.	108.50	<u>Apr.2013</u> Aug.2013	Gujarat	1076.65 1058.28	(-) 3.64% (-) 3.59%	Shelved vide Rly. Bd's letter No. 2012/W1/WR/Survey/BTD-GDL dated 25-04-2014
11	RETS for New BG line between Porbandar-Veraval	133.49	Dec.2013 Nov. 2014	Gujarat	1232.40 1205.35	(-) 3.43% (-) 3.46%	Report under scrutiny of Railway Board.
12	Traffic survey for new BG line between Botad - Gondal via Jasdan	108.50	Feb. 2014	Gujarat	1058.28	(+) 0.08%	Shelved vide Rly. Bd's letter No. 2012/W1/WR/Survey/BTD-GDL dated 25-04-2014
13	Updating of RETS for new BG line between Kharaghoda - Santalpur	111.02	Nov. 2014	Gujarat	710.13	(-) 4.23%	Report under scrutiny of Railway Board.
14	RETS for New BG line between Dahod - Banswara	123.45	Jan. 2015	Gujarat	1146.65	(-) 3.91%	Report under scrutiny of Railway Board.
15	RETS for New BG line between Nadiad - Dholka	50.90	Mar. 2015	Gujarat	976.60	(+) 0.93%	Report under scrutiny of Railway Board.
16	RETS for New BG line between Palitana - Gariyadhar	25.40	Oct 2015	Gujarat	339.72	(-) 4.11%	Report under scrutiny of Railway Board.
17	RETS for New BG line between Hapa - Dahinsara	90.88	Feb 2016	Gujarat	971.91	(-) 4.11%	Report under scrutiny of Railway Board.
18	RETS for New BG line between Porbandar - Porbandar Port	4.68	Feb 2016	Gujarat	69.55	(+) 7.39%	Report under scrutiny of Railway Board.
19	RETS for New BG line between Daman - Nasik	210.42	Feb 2016	Gujarat & Maharashtra	3818.01	(-) 1.22%	Report under scrutiny of Railway Board.
20	RETS for New BG line between Viramgam - Sankheshwar	59.30	Mar 2016	Gujarat	900.38	(-) 3.37%	Report under scrutiny of Railway Board.

SURVEY COMPLETED IN LAST 5 YEARS (01-04-2011 TO 31-03-2016) IN GUJARAT

Sr. No.	Name of Survey	Length Kms.	Month & Year of completion	State	Project cost Rs. in (crores)	Rate of Return	Remarks
	(B) GAUGE CONVERSION:						
1	Himmatnagar - Khedbrahma GC and Extn. upto Abu Road by new line	143.68	Sept 2011	Gujarat Rajasthan	1197.20	(-) 2.82%	Report under scrutiny of Railway Board.
2	RETS for GC between Khijadiya - Amreli - Visavdar - Junagadh	133.61	Dec 2011	Gujarat	580.12	(+) 0.34%	Report under scrutiny of Railway Board.
3	RETS for GC between PRTN-Jambusar-Samni & Jambusar-Kavi	102.72	Mar.2013 Sept.2013	Gujarat	792.39 778.54	(+) 2.63% (+) 2.74%	Report under scrutiny of Railway Board.
4	RETS for Khijadiya-Amreli- Visavadar-Junagarh Gauge Conversion	133.61	Aug.2013 Dec. 2013	Gujarat	<u>597.70</u> 583.24	(-) 1.51% (-) 1.41%	Report under scrutiny of Railway Board.
5	RETS for Jhaghadia-Netrange GC & extn upto Nandurbar via Sagbara-Khopar-Tawda - Shahda - Dondaicha by New Line	177.38	Dec. 2013	Gujarat & Maharashtra	1436.35	(-)3.88%	Report under scrutiny of Railway Board.
6	RETS for GC of Chhuchhapura- Tankhala and extnsion by new BG line upto Rajpipla	66.40	Sept. 2014	Gujarat	848.24	(-) 1.89%	Report under scrutiny of Railway Board.
7	RETS for GC between Champaner-Pani Mines	52.22	Mar. 2015	Gujarat	436.15	(-) 4.15%	Report under scrutiny of Railway Board.
8	PETS for Gauge Conversion of existing MG line in to BG line between Ambliyasan- Vijapur - Adraj Moti Section	81.28	Mar. 2015	Gujarat	571.89	(-) 5.84%	Report under scrutiny of Railway Board.
	(C) DOUBLING						
1	Final Location Survey for Doubling of Palanpur - Samakhiali	247.73	Nov. 2011	Gujarat	1320.22	(+) 17.33%	Project sanctioned vide Pink Book 2013- 14 Item No. 24. This project has been transferred to RVNL by Railway Board.
2	PETS for Surendranagar-	116.17	Feb. 2014	Gujarat	1332.97	(+)17.38%	Project sanctioned vide Pink Book 2015
	Rajkot Doubling		Sept. 2014		1315.22	(+) 17.53%	16 Item No. 26.
3	PETS for GC between Ahmedabad - Mahesana (68.78 Km) & Doubling between Mahesana - Palanpur (65.10 Km)	133.88	Mar. 2015	Gujarat	1251.92	(+) 18.36%	Under scrutiny of Railway Board. Project for Gauge Conversion of Ahmedabad - Mahesana has been sanctioned by Railway Board vide Pink Book for the year 2015-16, item No.15.
4	FLS for Doubling between Surendranagar - Rajkot	116.17	Sept. 2015	Gujarat	1002.40	(+) 8.64%	DPR and Detailed Estimate submitted to Railway Board on 15-09-2015.
5	FLS for Doubling between Ahmedabad - Mahesana GC	70.00	Oct. 2015	Gujarat	477.57	(+) 12.29%	DPR and Detailed Estimate submitted to Railway Board on 08-10-2015.
							Project sanctioned vide Pink Book 2015- 16 Item No. 15.
6	FLS for 4th line between Vatva - Ahmedabad - Sabarmati	13.30	Nov. 2015	Gujarat	231.43	(+) 19.29%	DPR and Detailed Estimate submitted to Railway Board on 30-11-2015.

SURVEY COMPLETED IN LAST 5 YEARS (01-04-2011 TO 31-03-2016) IN MAHARASHTRA

Sr. No.	Name of Survey	Length Kms.	Month & Year of completion	State	Project cost Rs. in (crores)	Rate of Return	Remarks
	(A) NEW LINE		1			l l	
1	Bilimora - Waghai - GC and Extn.upto Manmad by New Line	253.65	<u>Dec.2012</u> June 2013	Gujarat & Maharashtra	3538.01 3525.27	(+) 2.27% (+) 2.29%	Report under scrutiny of Railway Board.
	PETS for provision of Bye pass line between Naigaon - Juchandra	7.03	<u>Feb. 2014</u> May 2014	Maharashtra	<u>423.62</u> 423.28	(-) 2.29% (-) 2.28%	Report under scrutiny of Railway Board.
3	RETS for New BG line between Daman - Nasik	210.42	Feb 2016	Gujarat & Maharashtra	3818.01	(-) 1.22%	Report under scrutiny of Railway Board.
	(B) GAUGE CONVERSION :						
1	RETS for Jhaghadia-Netrange GC & extn upto Nandurbar via Sagbara-Khopar-Tawda - Shahda - Dondaicha by New Line	177.38	Dec. 2013	Gujarat & Maharashtra	1436.35	(-)3.88%	Report under scrutiny of Railway Board.
	(C) DOUBLING					,	
				NIL			

SURVEY COMPLETED IN LAST 5 YEARS (01-04-2011 TO 31-03-2016) IN MADYA PRADESH

Sr. No.	Name of Survey	Length Kms.	Month & Year of completion	State	Project cost Rs. in (crores)	Rate of Return	Remarks
	(A) NEW LINE						
1	Preliminary Engineering Cum - Traffic Survey for new BG line between Badisadri - Nimach	48.35	Dec. 2011	Rajasthan/ MP	303.46	(-) 3.25%	Report under scrutiny of Railway Board.
2	PET Survey for new BG line between Badisadri-Nimach	48.35	Feb 2013	Rajasthan / MP	399.38	(-)3.76%	Report under scrutiny of Railway Board.
3	PETS for New BG line between Badi Sadri - Nimach	48.35	April 2015	Rajasthan/ MP	417.93	(-) 4.00%	Report under scrutiny of Railway Board.
	(B) GAUGE CONVERSION :						
1	RETS for GC between FTD - Ujjain	22.96	Feb. 2016	MP	245.08	(+) 7.65%	Report under scrutiny of Railway Board.
	(C) DOUBLING		ļ		ļ		
1	FLS for Doubling between Nimach - Chittaurgarh	56.00	Sept. 2015	MP / Rajasthan	389.98	(+) 16.76%	DPR and Detailed Estimate submitted to Railway Board on 09-09-2015.
							Project sanctioned vide Pink Book 2016- 17 Item No. 28.

SUMMARY OF SURVEYS IN PROGRESS

Status as on 02-09-2016

SURVEYS TARGETED DURING CURRENT YEAR 2016-17

Sr. No./ BB No.	Section (Year of Sanction)	Length in Km	Target date	Progress %	Field Unit	Remarks
1	2	3	4	5	6	7
<u>1</u> 34	Pratapgarh - Mandsor RETS / New BG line (2013-14)	33.40	30-04-2016	100%	DY CE(C) - I / RTM	Survey completed. Project Report and Estimate sent to Railway Board on 04-06-2016.
<u>2</u> 41	Indore - Dewas - Ujjain FLS / Doubling (2015-16)	80.00	DPR 01-05-2016 30-06-2016	70%	DY CE (C) IND	Tender awarded on 09-10-2015 to get this work executed through contract. Survey is in progress.
3 25	New line for Provision of Broad Gauge linkages to minor ports of Gujrat i.e. Hazira, Dahej, Bedi and Porbander. RETS / New BG line				Dy.CE(C) P&D/ADI	Samni - Dahej section is already connected with BG line.
	(a) Porbandar - Porbandar Port New BG line	4.68	Completed 13-02-2016	100%		Survey completed. Project Report sent to Railway Board on 13-02-2016.
	(b) Wind Mill - Bedi Port new BG line (2012-13)	3.12	31-05-2016	80%		Abstract Estimate and ROR revised as per CTPM's observations and sent to accounts for vetting.
<u>4</u> 17	Rajkot - Junagarh PETS / Doubling (2011-12)	103.00	30-06-2016	40%		Concept Plans approved by all HOD's. Preparation of Reports and Estimates is in progress.
<u>5</u> 23	Rajkot - Okha PETS / Doubling (2012-13)	252.19	20-05-2016	80%	Dy.CE(C) P&D/ADI	Report & Abstract Estimate is under Accounts vetting.
<u>6</u> 10	Veraval-Talala-Visavadar RETS / Gauge Conversion (2011-12)	71.95	15-05-2016	100%		Survey completed. Report and Abstract Estimate sent to Railway Board on 12-05-2016.
<u>7</u> 30	Junagadh - Veraval PETS / Doubling (2013-14)	83.00	10-07-2016	40%		Concept Plans approved by all HOD's. Preparation of Reports and Estimates is in progress.
<u>8</u> 19	Arnej-Tarapur rail line in the ahead of Botad-ADI. RETS / New BG line (2012-2013)	52.00	20-06-2016	100%	Dy.CE(C) P&D/ADI	Survey completed. Project Report and Estimate sent to Railway Board on 19-07-2016.
<u>9</u> 20	Provision of New Bye Pass line at Luni Jn., Samdari, Bhildi Jn., Palanpur, Marwar and Pokaran Jn. Stations. RETS / New BG line (2012-13)		20-07-2016	40%		Concept Plans approved by all HOD's. Preparation of Reports and Estimates is in progress.
<u>10</u> 11	Mahesana-Harij Radhanpur RETS / GC / New BG line (2011-12)	108.00	10-08-2016	40%	DY CE(C) - II / ADI	Concept Plans approved by all HOD's. Preparation of Reports and Estimates is in progress.
11 32	Bhadran-Bochasan-Petlad- Nadiad PETS / Gauge Conversion (2013-14)	60.00	15-09-2016	40%	DY CE(C) - I / BRC	Concept Plans approved by all HOD's. Preparation of Reports and Estimates is in progress.

Sr. No./ BB No.	Section (Year of Sanction)	Length in Km	Target date	Progress %	Field Unit	Remarks
1	2	3	4	5	6	7
12 40	Makarpura - Vadodara 3rd & 4th line FLS / Doubling (2015-16)	8.50	20-11-2016	30%	DY CE (C) - I / BRC	Tender opened on 27-10-2015. Acceptance letter issued on 23-12-2015. Survey is in progress.
13 47	Anand - Godhra FLS / Doubling (2015-16)	79.00	25-10-2016	30%	DY CE (C) - I / BRC	Tender opened on 27-10-2015. Acceptance letter issued on 23-12-2015. Survey is in progress.
14 46	Utran - Ankleshwar 3rd and 4th line FLS / Doubling (2015-16)	46.00	31-01-2017	10%	DY CE (C) - II / BRC	Tender reinvited, opened on 21-04-2016 and is with TC.
1 <u>5</u> 39	Kosamba - Umarpada PETS / Gauge Conversion (2015-16)	65.00	10-05-2016	100%	DY CE (C) ST	Survey completed. Project Report and Estimate sent to Railway Board on 04-06-2016.
16 51	GC of Dabhoi - Chandod with extension by New line upto Rajpipla FLS / Gauge Conversion / New BG line (2016-17)	37.00	30-09-2016	80%	DY CE (C) - I / BRC	New Survey sanctioned vide Blue Book 2016-17, item No. 51. Concept Plans approved by all HODs. Reports and Estimates of Civil, S&T, Electrical & Mechanical received and complied, ROR worked out and file sent to Account department for vetting on 09-08-2016.
<u>17</u> 53	Chhuchhapura - Naswadi - Tankhala FLS / Gauge Conversion (2016-17)	38.00	30-09-2016	80%	DY CE (C) - I / BRC	New Survey sanctioned vide Blue Book 2016-17, item No. 53. Concept Plans received on 04-07-2016 and approved by CTPM on 02-08-2016. Reports and Estimates of Civil, S&T, Electrical & Mechanical received and complied, ROR worked out and file sent to Account department for vetting on 23-08-2016.
18 31	Nimach - Ratlam PETS / Doubling (2013-14)	132.92	30-11-2016	NIL	Dy.CE (C) - I / RTM	Survey is in progress by field unit.
<u>19</u> 	Doubling of Gambhir Bridge on Nagda - Ujjain section FLS / Doubling (2016-17)	0.44	10-05-2016 DPR	70%	Dy.CE (C) / IND	New survey sanctioned vide Railway Board's letter No. 2012/W-I/Genl./Surveys/Budget Dated 31-03-2016. Estimate under preparation.
<u>20</u> 	Bhimnath - Dholera FLS / Doubling (2015-16)	28.00	30-06-2016 01-10-2016 DPR	80%	FLS / Doubling	Survey sanctioned vide Railway Board's letter No. 2007/Infra/6/1 Pt. III dated 23-09-2015. Survey is in progress by field unit. Estimates of Civil, S&T, Electrical & Mechanical prepared and complied, ROR worked out.

SUMMARY OF SURVEYS IN PROGRESS

SURVEYS TARGETED DURING NEXT YEAR 2017-18 (DEPARTMENTAL)

Sr. No./ BB No.	Section (Year of Sanction)	Length in Km	Target date	Progress %	Field Unit	Remarks
1	2	3	4	5	6	7
2 <u>1</u> 36	Kapadvanj - Timba RETS / New BG line (2014-15)	75.00	2017-18	10%	DY CE (C) - I / BRC	Toposheets with marked alignment has been finalized and sent to field unit for checking the feasibility and submission of Concept Plans and Annexures.
<u>22</u> 33	Dhansura-Talod RETS / New BG line (2013-14)	30.00	2017-18	10%	DY CE (C) P&D / ADI	Toposheets with marked alignment has been finalized and sent to field unit for checking the feasibility and submission of Concept Plans and Annexures.
2 <u>3</u> 38	Khambat - Dhruvaran RETS / New BG line (2015-16)	20.00	2017-18	10%	DY CE (C) - I / BRC	Toposheets with marked alignment has been finalized and sent to field unit for checking the feasibility and submission of Concept Plans and Annexures.
24 22	Kalol-Kadi-Katosan PETS / Gauge Conversion (2012-13)	37.23	2017-18	40%	Dy.CE(C) - II / ADI	Concept Plans approved by all HOD's. Preparation of Reports and Estimates is in progress.
2 <u>5</u> 45	Morbi - Tankara - Rajkot RETS / New BG line (2015-16)	60.00	2017-18	10%	DY CE (C) P&D / ADI	Toposheets with marked alignment has been finalized and sent to field unit for checking the feasibility and submission of Concept Plans and Annexures.
2 <u>6</u> 15	Katosan - Bahucharaji-Ranuj RETS / Gauge Conversion (2011-12)	65.00	2017-18	40%	DY CE (C) - II / ADI	Concept Plans approved by all HOD's. Preparation of Reports and Estimates is in progress.
<u>27</u> 27	Nadiad - Kheda - Matar - Tarapur RETS / New BG line (2011-12)	45.00	2017-18	10%	DY CE (C) - III / ADI	Toposheets with marked alignment has been finalized and sent to field unit for checking the feasibility and submission of Concept Plans and Annexures.
2 <u>8</u> 16	Gandhinagar - Prantij RETS / New BG line (2011-12)	45.00	2017-18	10%	DY CE (C) P&D / ADI	Toposheets with marked alignment has been finalized and sent to field unit for checking the feasibility and submission of Concept Plans and Annexures.
<u>29</u> 49	Alot – Tal - Jaora RETS / New BG line (2016-17)	44.00	2017-18	10%	DY CE (C) - I / RTM	Toposheets with marked alignment has been finalized and sent to field unit for checking the feasibility and submission of Concept Plans and Annexures.
30 43	New Bhuj - Mandvi RETS / New BG line (2015-16)	60.00	2017-18	10%	DY CE (C) - III / ADI	Toposheets with marked alignment has been finalized and sent to field unit for checking the feasibility and submission of Concept Plans and Annexures.
<u>31</u> 50	Valsad – Dharampur - Waghai RETS / New BG line (2016-17)	67.00	2017-18	10%	DY CE (C) / ST	Toposheets with marked alignment has been finalized and sent to field unit for checking the feasibility and submission of Concept Plans and Annexures.

Sr. No./	Section (Year of Sanation)	Length	Target date	Progress	Field Unit	Remarks
BB No.	(Year of Sanction)	in Km		%		_
1	2	3	4	5	6	7
32 44	Umarpada - Nandurbar RETS / New BG line (2015-16)	110.00	2017-18	10%	DY CE (C) ST	Toposheets with marked alignment has been finalized and sent to field unit for checking the feasibility and submission of Concept Plans and Annexures.
3 <u>3</u> 52	Delvada – Kodinar - Veraval RETS / New BG line (2016-17)	91.00	2017-18	Nil	DY CE (C) / RJT	New Survey sanctioned vide Blue Book 2016-17, item No. 52.
	SURVEYS TARG	ETED DU	RING NEXT YE	AR 2017-18	(THROUGH	OUTSOURCING)
34 48	Dewas – Sonkachh – Ashta - Sehore RETS / New BG line (2016-17)	112.00	2017-18	Nil	DY CE (C) / IND	New Survey sanctioned vide Blue Book 2016-17, item No. 48. This office letter No. WNC 400/2/88 (S) dated 04-05-2016 sent to Railway Board for deleting this survey from Western Railway's Blue Book as this survey is being conducted by West Central Railway.
3 <u>5</u> 37	Dahod - Modasa RETS / New BG line (2013-14)	140.00	2017-18	10%	DY CE (C) - I / BRC	Tender conditions and schedule are in accounts vetting.
36 24	Piplod - Deogarh Baria - Chhota Udepur - Rajpipla RETS / New BG line (2012-13)	140.00	2017-18	10%	DY CE(C) - II / BRC	Tender conditions and schedule are in accounts vetting.
3 <u>7</u> 29	Modasa - Meghraj -Banswara RETS / New BG line (2013-14)	150.00	2017-18	10%	DY CE(C) - II / BRC	Tender conditions and schedule are in accounts vetting.
3 <u>8</u> 1	Ratlam - Vadodara 3rd line RETS / Doubling (2005-06)	259.00	2017-18	10%	DY CE(C) - I / RTM	Tender conditions and schedule are in accounts vetting.