SALIENT FEATURES OF JAMMU TAWI - UDHAMPUR - SHRI MATA VAISHNO DEVI KATRA & BANIHAL - BARAMULLA SECTIONS

	AS on 31-03-2016	JAT - UHP	UHP - SVDK	SVDK - BAHL	BAHL - BRML
1.	Distance	53.15 Kms.	24.81 Kms.	73.18 Kms.	135.46 Kms.
2.	Curves	70 Nos.	25 Nos.	Line Under Construction	50 Nos.
3.	Curves Equal or Sharper than 4 Degree	39 Nos.	1 No.		Nil
4.	Total Number of Bridges	157 Nos.	53 Nos.		849 Nos.
5.	Total Number of Tunnels	20 Nos.	10 Nos.		1 Nos.
6.	Total Number of Un manned L-Xings	Nil	Nil		Nil
7.	Total Number of Manned L-Xings	3 Nos.	Nil		6 Nos.
8.	Longest Bridge	Br. No. - 88 (Tawi Bridge) 1432m Incl. 1187.20m Viaduct	Br. No. - 186 (Girder Steel) 308m		Br. No. - 5A 430m
9.	Longest Tunnel	T-7 (2.44 Kms.)	T-23 (3.12 Kms.)		T-80 (11.22 Kms.)
10.	Maximum Speed	75 Kmph			BRML - QG =100 Kmph QG - BAHL =75 Kmph
11.	Distance between :-				
	(i) Jammu Tawi-Shri Mata Vaishno Devi Katra			77.96 Kms.	
	(ii) Jammu Tawi-Srinagar			229.13 Kms.(73.18 Kms. Line Under Construction)	
	(iii) Jammu Tawi-Baramulla			286.60 Kms.(73.18 Kms. Line Under Construction)	

NEW LINES UNDER CONSTRUCTION

YEAR OF SANCTION	SECTION	KM
82-83	Nangal Dam-Talwara- New broad gauge line & taking over siding Mukerian-Talwara	113.00
07-08	Chandigarh-Baddi	33.23
07-08	Deoband (Muzaffarnagar)-Roorkee	27.45
08-09	Bhanupalli-Bilaspur-Beri	63.10
10-11	Rishikesh-Karnaprayag	125.09
11-12	Qadian-Beas	39.68
11-12	Sultanpur - Ameti	29.22
11-12	Raebareli - Akbar Ganj	46.90
12-13	Rohtak-Meham-Hansi	68.80
12-13	Unchahar-Amethi	66.17
13-14	Chola - Bulandshahar	16.00
13-14	Delhi - Sohna - Nuh - Firozpur Jhirka - Alwar	104.00
13-14	Faizabad - Lalganj via Akbarganj, Maharajganj and Raebareli	116.00
13-14	Ferozpur - Patti	25.00
13-14	Hissar - Sirsa via Agroha & Fatehabad	93.00
13-14	Rama Mandi - Sadasingh wala via Talwandi Saboo	29.11
13-14	Sultanpur - Kadipur	38.70
13-14	Yamuna Nagar - Chandigarh via Sadhaura, Narayangarh	91.00
16-17	Meerut -Panipat	104.00
16-17	Rajpura - Mohali	24.00
17-18	Una Himanchal - Hamirpur	50.00
	TOTAL	1303.45

DOUBLING UNDER CONSTRUCTION

YEAR OF SANCTION	SECTION	KM
98-99	New Delhi-Tilak Bridge - 5th & 6th line (2.65 km each)	5.30
06-07	Tughlakabad (Joint Cabin)-Palwal - 4th line	33.50
06-07	Utretia-Zafrabad - Doubling of balance portion	148.00
09-10	Mansa-Bhatinda (Phase-I)	52.00
09-10	Lohta-Bhadoi (Phase-I)	39.00
09-10	Phaphamau-Allahabad	12.90
10-11	Ambala Cantt-Dhapper (Phase-I)	22.45
10-11	Kathua-Madhopur Punjab	7.20
10-11	Bhadohi-Janghai	31.00
11-12	Mirthal - Bhangala - Doubling across Beas Bridge	2.30
11-12	Utretia-Rae Bareli	65.60
12-13	Anand Vihar - Tilak Bridge - 3rd & 4th Line	9.77
12-13	Meerut - Muzaffarnagar - Patch Doubling	55.47
12-13	Haridwar - Laksar	27.03
13-14	Rae Bareli - Amethi	60.10
15-16	Muzaffarnagar - Tapri	52.00
15-16	Rajpura - Bhatinda	172.00
15-16	Alamnagar - Utretia	20.00
16-17	Jaunpur - Tanda	94.00
16-17	Delhi-Shamli-Tapri incl Saharanpur by-pass	175.00
16-17	Barabanki - Akbarpur	161.00
16-17	Janghai - Pratapgarh - Amethi	87.00
17-18	Ludhiana - Mullanpur	21.00
17-18	Ludhiana - Kila Raipur	32.84
17-18	Barabanki - Malhaur 3rd & 4th Line	16.72
17-18	Varanasi - Mughal Sarai 3rd Line	19.00
17-18	Jaunpur - Jaunpur City Chord Line	2.20
17-18	Janghai - Phaphamau	46.79
18-19	Phaphamau - Unchahar	200.00
18-19	Amritsar - Chheharta	7.00
	TOTAL	1678.17

GMT PROFILE

DIVISION	UMB	DLI	FZR	LKO	MB	TOTAL ROUTE (KM)
> 80 GMT	27.91	113.97	-	-	-	141.88
50-80 GMT	53.29	347.43	-	14.93	-	415.65
40-50 GMT	45.32	72.81	15.11	156.55	7.35	297.14
< 40 GMT	992.01	936.47	1834.84	1288.64	1394.67	6446.63
TOTAL	1118.53	1470.68	1849.95	1460.12	1402.02	7301.30

GROUP & SECTION WISE ROUTE KILOMETRES SHOWING GMT

GROUP	SECTION	BETWEEN STATIONS	GMT UP LINE	GMT DN LINE	KM
BG "A"	1. GHAZIABAD-HOWRAH(UP & DN LINES)				3.77
	2. NEW DELHI-GHAZIABAD(UP & DN LINES)	NDLS - TKJ	71.61	64.85	25.56
		TKJ - 2nd Y Br.	43.40	43.90	
		2nd Y Br. - SBB	111.00	86.20	
		SBB - GZB	73.15	57.00	
	3. NEW DELHI-TUGHLAKABAD-PALWAL (UP & DN LINES)	NDLS - TKJ	71.61	64.85	57.68
		TKJ - NZM	41.59	33.15	
		NZM - OKA	72.15	75.90	
		OKA - TKD	62.50	52.40	
		TKD - PWL	67.30	70.60	
	TOTAL				87.01
"B"	1. DELHI-AMBALA-KALKA(UP & DN LINES)	DLI - SZM	30.10	24.50	264.71
		SZM - PNP	85.00	65.70	
		PNP - KKDE	75.30	54.60	
		KKDE - UMB	73.30	48.70	
		UMB - KLK	9.50	8.40	
		UMB - KLK	35.80		
	2. DELHI-REWARI(UP & DN LINES)	DLI - DKZ	18.20	19.00	81.00
		DKZ - DBSI	6.00	4.20	
		DBSI - PTNR	6.00	4.20	
		PTNR - GHH	1.90	1.80	
		GHH - RE	19.70	26.30	
		GHH - DLI	19.80	21.20	
	3. GHAZIABAD-SAHARANPUR	GZB - MTC	19.40	16.80	159.59
		MTC - SRE	30.00		
	4. JALANDHAR CITY AVOIDING LINE	JRC - SCPD	18.20	15.00	3.22
	5. MUGHAL SARAI-LUCKNOW-JALANDHAR-PATHANKOT (UP & DN LINES)	MGS - BSB	54.00	47.60	1200.46
		BSB - LOT	38.10	27.70	
		LOT - JNH	51.20		
		JNH - PBH	35.81		
		PBH - CIL	41.80		
		CIL - RBL	41.20		
		RBL - UTR	43.30		
		UTR - LKO	36.90	30.80	
		LKO - BLM	38.20	28.70	
		BLM - RAC	39.10	28.59	
		RAC - SPN	43.40	40.50	
		SPN - BE	40.60	38.30	
		BE - MB	31.60	27.10	
		MB - NBD	28.29	25.25	
		NBD - MZM	31.00	26.50	
		MZM - LRJ	28.00	25.40	
		LRJ - SRE	34.70	30.20	
		SRE - UMB	40.50	36.70	
		UMB - RPJ	80.60	67.47	
		RPJ - SIR	71.10	60.90	
		SIR - SNL	48.70	46.10	
		SNL - LDH	49.88	45.10	
		LDH - PHR	41.30	39.00	
		PHR - PGW	40.80	37.40	
		PGW - JRC	40.10	36.91	
		JRC - JUC	26.07	26.01	
		JUC - SCPD	9.56	6.70	
		SCPD - PTKC	24.10	19.30	
		PTKC - PTK	5.80	5.80	
		PTKC - BHRL	23.70	17.50	
		PTK - BHRL	12.60		
	5. PATHANKOT-BHAROLI-JAMMU TAWI	BHRL - JAT	23.70	17.50	100.48
		BHRL - JAT	41.20		
	6. VYAS NAGAR-JEONATHPUR AND LUCKNOW BYE PASS LINE UTRAITIA- ALAM NAGAR				18.98
	TOTAL				1828.44
"C"	1. DAYABASTI-NAYA AZADPUR Alignment No. 4				5.36
	2. HAZRAT NIZAMUDDIN-PATEL NAGAR-DAYABASTI	NZM - LPNR	31.60	26.00	20.96
		LPNR - PTNR	85.60	69.10	
		PTNR - DBSI	6.00	4.20	
	3. MEETING POINT DAYABASTI-BEYOND MEETING POINT DELHI KISHANGANJ	DBSI - DKZ	6.00	4.20	3.00
	4. NEW DELHI-TUGHLAKABAD 3rd Line For E.M.U.				4.70
	5. OKHALA-LAJPAT NAGAR CHORD Alignment No. 1	OKA - LPNR	54.00	43.10	2.45
	6. PATEL NAGAR-DAYABASTI Alignment No. 1		6.00	4.20	3.45
	7. SADAR BAZAR-DELHI KISHANGANJ	NDLS - DKZ	13.10	11.40	2.10
	8. SUBZIMANDI-NEW DELHI/SADAR BAZAR	NDLS - SZM	21.40	20.00	0.63
	TOTAL				42.65
"D" Spl	1. DELHI-GHAZIABAD	DLI - DSA	54.40	47.40	19.17
		DSA - SBB	51.40	47.90	
		SBB - GZB	73.15	57.00	
	2. GHAZIABAD-HAPUR-MORADABAD	GZB - HPU	18.30	22.90	137.55
		HPU - GJL	21.60	23.40	
		GJL - MB	19.40	20.60	
	3. KANPUR-LUCKNOW	CNB - ON	47.80	45.20	67.93
		ON - LKO	38.91	38.50	
	4. VARANASI-ZAFRABAD-SULTANPUR-UTRAITIA	BSB - ZBD	38.10	27.70	268.12
		ZBD - SLN	17.40	19.00	
		SLN - UTR	11.50	12.71	
	TOTAL				492.77
"D"	1. DELHI-NEW DELHI	DLI - NDLS	10.50	10.60	2.32
	2. DELHI-BATHINDA-FIROZPUR CANTT.	DLI - DKZ	18.20	19.00	379.49
		DKZ - SSB	25.20	21.00	
		SSB - ROK	32.10	32.00	
		ROK - JHI	36.00	31.30	
		JHI - NRW	38.00	33.40	
		NRW - JHL	32.10	30.00	
		JHL - BTI	21.80	19.50	
		BTI - KKP	21.80		
		KKP - FZR	9.30		
	3. JALANDHAR CITY-AMRITSAR	JUC - BES	22.75	20.80	78.61
		BES - ASR	21.70	20.50	
	4. JANGHAI-PHAPHAMAU-ALLAHABAD	JNH - PFM	33.83		57.88
		PFM - PRG	33.40		
		PRG - ALD	32.30		
	5. LUCKNOW-FAIZABAD-ZAFRABAD	LKO - BBK	37.00	34.10	269.22
		BBK - FD	33.05		
		FD - ABP	30.80		
		ABP - SHG	30.10		
		SHG - ZBD	28.50		
	6. PHAPHAMAU-UNCHAHAR	PFM - UCR	22.40		72.27
	7. BAREILLY-CHANDAUSI	BE - CHD	14.80		68.21
	8. CHANETHI LINK				2.43
	9. LAKSAR-HARIDWAR	LRJ - HW	30.10		27.07
	10. LAKSAR AVOIDING LINE				0.81
	TOTAL				958.31

GROUP & SECTION WISE ROUTE KILOMETRES SHOWING GMT

GROUP	SECTION	BETWEEN STATIONS	GMT UP LINE	GMT DN LINE	KM
"E"	1. BATHINDA-SRIGANGANAGAR	BTI - SGNR	13.38		124.36
	2. BATHINDA BYE PASS (PHUSMANDI-KATARSINGHWALA)				5.62
	3. CHANDIGARH-MORINDA	CDG - MRND	7.30		44.35
	4. HINDON CABIN-KHANALAMPURA				1.89
	5. LUDHIANA-HISAR	LDH - DUI	27.10		205.44
		DUI - JHL	19.30		
		JHL - HSR	8.70		
	6. RAJPURA-BATHINDA	RPJ - DUI	25.70		172.73
		DUI - BTI	20.80		
	7. RAIPUR HARYANA-SATROD				0.64
	8. SIRHIND-NANGALDAM-UNA HIMACHAL-CHURARU TAKRALA-AMB ANDAURA	SIR - NLDM	25.10		148.20
		NLDM - UHL	4.80		
		UHL - AMB	5.50		
	9. TAPRI-KHANALAMPURA				1.51
	10. ANAND VIHAR-SAHIBABAD 3rd & 4th LINE	ANVT - SBB	12.80	12.80	5.75
	11. ANAND VIHAR-VIVEK VIHAR				1.12
	12. DELHI SHAHDARA-SHAMLI-TAPRI	DSA - SMQL	14.60		151.00
		SMQL - TPZ	9.70		
	13. DELHI CANTT.-PATEL NAGAR				1.50
	14. GAL Bet: TUGHLAKABAD-PALWAL		77.76		38.13
	15. GARHI HARSARU-FARUKH NAGAR	GHH - FN	10.10		11.27
	16. JIND-PANIPAT	JHI - PNP	6.50		69.38
	17. NARWANA-KURUKSHETRA	NRW - KKDE	4.80		85.86
	18. ROHTAK-GOHANA-PANIPAT	ROK - PNP	9.70		69.50
	19. REWARI-ROHTAK	RE - ROK	4.40		75.00
	20. 2nd YAMUNA BRIDGE-TUGHLAKABAD				12.25
	21. ABOHAR-FAZILKA				42.70
	22. AMRITSAR-ATARI	ASR - ATI	6.00		27.59
	23. AMRITSAR-KHEMKARAN	ASR - KEMK	4.70		78.00
	24. BATALA-QADIAN	BAT - QDN	3.30		20.04
	25. BARAMULLA-SRINAGAR-QAZIGUND-BANIHAL	BRML - QZ	5.40		135.55
	26. BEAS-GOINDWAL-TARAN TARAN	BES - GWSB	5.20		50.00
		GWSB - TTO			
	27. PATHANKOT CANTT.-BHAROLI(CHORD LINE)	PTKC - BHRL	23.70	17.50	2.60
	28. FIROZPUR CANTT.-HUSAINIWALA	FZR - HSW	2.50		8.41
	29. FIROZPUR CITY-FAZILKA	FZP - FKA	4.70		85.04
	30. FIROZPUR CANTT.-JALANDHAR CITY	FZR - LNK	13.60		116.86
		LNK - JUC	13.43		
	31. JAMMU TAWI-UDHAMPUR-SMV KATRA	JAT - UHP	8.80		78.47
		UHP - SVDK	6.50		
	32. JALANDHAR CANTT.-HOSHIARPUR	JRC - HSX	4.80		38.83
	33. KOTKAPURA-FAZILKA	KKP - FKA	6.50		80.39
	34. LOHIAN KHAS-NAKODAR-PHILLAUR	LNK - NRO	7.80		63.67
		NRO - PHR	7.20		
	35. LUDHIANA-FIROZPUR CANTT.	LDH - FZR	16.36		123.40
	36. LUDHIANA-SANEHWAL-NEW MORINDA	LDH - NMDA	3.30		71.18
	37. NAKODAR-JALANDHAR CITY	NRO - JUC	6.30		31.90
	38. NAWASHAHAR DOABA-RAHON	NSS - RHU	3.50		7.35
	39. PHAGWARA-NAWASHAHAR DOABA-JAIJON DOABA	PGW - NSS	3.80		66.58
		NSS - JJJ	2.80		
	40. PATHANKOT-AMRITSAR	PTK - BHRL	12.60		103.91
		BHRL - BAT	9.90		
		BAT - VKA	12.30		
		VKA - ASR	14.10		
	41. VERKA-DERA BABA NANAK	VKA - DBNK	3.70		46.03
	42. AKBARPUR-TANDA	ABP - TD	7.50		16.78
	43. DALMAU-DARYAPUR	DMW - DYP	4.10		23.37
	44. FAIZABAD-CHILBILA & PARTAPGARH-PHAPHAMAU	FD - SLN	6.13		138.37
		SLN - CIL	10.60		
		PBH - PFM	11.66		
	45. JANGHAI-ZAFRABAD	JNH - ZBD	15.91		46.44
	46. JAHANGIRABAD-BARABANKI				1.18
	47. PHAPHAMAU BYE PASS				2.14
	48. PRAYAG-PRAYAG GHAT	PRG - PYG	4.50		3.00
	49. RAIBARELI-UNCHAHAR	RBL - DYP	16.71		36.27
		DYP - UCR	12.42		
	50. UNCHAHAR-UNNAO	UCR - DMW	6.50		111.66
		DMW - ON	5.90		
	51. VARANASI-MUNDUHU DEA				2.84
	52. ALIGARH-CHANDAUSI	HGJ - CH	10.12		83.81
	53. BALAMAU-SITAPUR CITY	BLM - SCC	4.10		58.34
	54. CHANDAUSI-MORADABAD	CH - RJK	18.30		41.69
		RJK - MB	18.50		
	55. GAJROULA-MUZZAMPUR NARAIN	GJL - MZM	8.70		93.80
	56. HARIDWAR-DEHRADUN	HW - RWL	22.80		51.95
		RWL - DDN	16.70		
	57. KHURJA-MEERUT CITY	KRJ - HPU	9.50		89.76
		HPU - MTC	9.30		
	58. MORADABAD-KASHIPUR				3.22
	59. NAJIBABAD-KOTDWAR	NBD - KTW	8.42		24.00
	60. RAJA KA SHASPUR-SAMBHAL HATIM SARAI	RJK - SHTS	3.60		23.16
	61. RAIWALA-RISHIKESH	RWL - RKSH	9.70		11.69
	62. RAMPUR-KATHGODAM				1.47
	63. ROSA-SITAPUR CITY	RAC - SCC	17.10		83.76
	64. UNNAO-BALAMAU	ON - BLM	6.70		98.57
	65. JIND-SONIPAT	JHI - SNP			80.00
	TOTAL				3631.27
NG	1. KALKA-SHIMLA(MAIN LINE)	KLK - SML	0.60		96.54
	2. PATHANKOT- JOGINDER NAGAR(MAIN LINE)	PTK - JMKR	0.54		164.31
		JMKR - BJPL	0.46		
		BJPL - JDNX	0.16		
	TOTAL				260.85