

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.		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 Unmanned 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 Km/h			BRML - QG = 100 Km/h QG - BAHL = 75 Km/h
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 - Lalgarh 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	Utretria-Zafraabad - Doubling of balance portion	148.00
09-10	Mansa-Bhatinda (Phase-I)	52.00
09-10	Phaphamau-Allahabad	39.00
09-10	Lohta-Bhadoli (Phase-I)	12.90
10-11	Ambala Cantt-Dhapper (Phase-I)	22.45
10-11	Kathua-Mathopur Purjab	7.20
10-11	Bhadoli-Janghai	31.00
11-12	Mirthal - Bhangala - Doubling across Beas Bridge	2.30
11-12	Utretria-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 - Utretria	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 - Pratappgarh - 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 - Unnao	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	125.97	0	0	0	153.88
50-80 GMT	123.99	525.69	15.11	105.88	0	770.67
40-50 GMT	45.32	40.42	15.11	96.36	7.35	204.56
< 40 GMT	921.31	778.60	1819.73	1257.88	1394.67	6172.19
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		KM	
			UP LINE	DN LINE		
BG "A"	1. GHAZIABAD-HOWRAH(UP & DN LINES)	NDLS - TKJ	72.18	65.53	3.77	
	2. NEW DELHI-GHAZIABAD(UP & DN LINES)	TKJ - 2nd Y Br	45.58	45.26		
		2nd Y Br - SBB	149.82	117.09	25.56	
		SBB - GZB	74.91	58.55		
		3. NEW DELHI-TUGHLAKABAD-PALWAL (UP & DN LINES)	NDLS - TKJ	72.18	65.53	57.68
		TKJ - NZM	42.86	34.37		
		NZM - OKA	74.17	76.69		
		OKA - TKD	63.80	53.13		
		TKD - PWL	69.59	72.01		
		TOTAL				87.01
"B"	1. DELHI-AMBALA-KALKA(UP & DN LINES)	DLI - SZM	31.89	26.13	264.71	
		SZM - PNP	86.79	67.35		
		PNP - KKDE	76.69	56.58		
		KKDE - UMB	74.56	50.79		
		UMB - KLK	10.71	9.13		
		UMB - KLK	10.84			
		DLI - DKZ	19.95	19.82		81.00
		DKZ - DBSI	6.76	5.23		
		DBSI - PTNR	6.76	5.23		
		PTNR - GHH	2.01	2.09		
	GHH - BE	20.00	26.94			
	GHH - DLI	20.32	21.49	159.59		
	GZB - KAT	19.40	16.80			
	3. GHAZIABAD-SAHARANPUR	KAT - SRE	31.31		3.22	
	4. JALANDHAR CITY AVOIDING LINE	JRC - SCPD	18.86	16.21		
5. MUGHAL SARAI-LUCKNOW-JALANDHAR-PATHANKOT (UP & DN LINES)		MGS - BSB	55.96	48.75	1200.46	
		BSB - LOT	39.42	30.22		
		LOT - JNH	53.77			
		JNH - PBH	38.24			
		PBH - CIL	43.63			
		CIL - RBL	42.74			
		RBL - UTR	48.52			
		UTR - LKO	38.09	32.92		
		LKO - BLM	39.55	29.42		
		BLM - RAC	40.53	29.99		
	RAC - SPN	45.36	41.69	100.48		
	SPN - BE	41.65	39.36			
	BE - MB	34.02	30.32	18.98		
	MB - NBD	29.74	26.71			
	NBD - MZM	32.61	27.54			
	MZM - LRI	29.36	26.89			
	LRI - SRE	35.95	31.99			
	SRE - UMB	41.24	37.88			
	UMB - RPJ	82.25	70.76			
	RPJ - SIR	73.47	62.73			
	SIR - SNL	50.36	47.26			
	SNL - LDH	51.35	47.53			
	LDH - PHR	42.30	40.43	100.48		
	PHR - PGW	42.42	38.73			
	PGW - JRC	42.51	38.21	18.25		
	JRC - JUC	27.21	27.37			
	JUC - SCPD	9.56	10.79	18.25		
	SCPD - PTK	24.10	19.30			
	PTRC - PTK	5.80	5.80	18.25		
	PTRC - BHRL	23.70	17.50			
	PTK - BHRL	13.44		18.25		
	BHRL - JAT	24.86	18.25			
	BHRL - JAT	43.11		18.98		
	TOTAL				1828.44	
"C"	1. DAYABASTI-NAYA AZADPUR Alignment No. 4				5.36	
	2. HAZRAT NIZAMUDDIN-PATEL NAGAR-DAYABASTI	NZM - LPNR	32.47	27.93	20.96	
		LPNR - PTNR	88.02	72.02		
		PTNR - DBSI	6.76	5.23		
	3. MEETING POINT DAYABASTI-BEYOND MEETING POINT DELHI KISHANGANJ	DBSI - DKZ	6.76	5.23	3.00	
	4. NEW DELHI-TUGHLAKABAD 3rd Line For E.M.U.				4.70	
	5. OKHALA-LAJPAT NAGAR CHORD Alignment No. 1	OKA - LPNR	55.28	44.09	2.45	
	6. PATEL NAGAR-DAYABASTI Alignment No. 1		6.76	5.23	3.45	
7. SADAR BAZAR-DELHI KISHANGANJ	NDLS - DKZ	14.11	13.14	2.10		
8. SUBZIMANDI-NEW DELHI/SADAR BAZAR	NDLS - SZM	23.83	22.01	0.63		
	TOTAL				42.65	
"D" Spl	1. DELHI-GHAZIABAD	DLI - DSA	55.56	47.40	19.17	
		DSA - SBB	51.40	49.47		
		SBB - GZB	74.91	58.55		
		GZB - HPU	20.38	23.96		
2. GHAZIABAD-HAPUR-MORADABAD	HPU - CIL	22.86	25.05	137.55		
	CIL - MB	21.49	21.53			
3. KANPUR-LUCKNOW	CNB - ON	50.86	47.07	67.93		
	ON - LKO	41.67	40.52			
4. VARANASI-ZAFRABAD-SULTANPUR-UTRAITIA	BSB - ZBD	39.42	30.22	268.12		
	ZBD - SLN	19.79	21.38			
	TOTAL	SLN - UTR	12.98	14.06	492.77	
"D"	1. DELHI-NEW DELHI	DLI - NDLS	11.60	10.87	2.32	
		DLI - DKZ	19.95	19.82		
		DKZ - SSB	26.83	22.03	379.49	
		SSB - ROK	33.76	32.96		
		ROK - JH	37.66	32.16		
		JH - NRW	39.17	34.91		
		NRW - JHL	34.39	31.31		
		JHL - BTI	22.39	21.58		
		BTI - KKP	22.82			
		KKP - FZR	7.18			
	JUC - BES	23.16	21.81			
	BES - ASR	22.55	21.77			
3. JALANDHAR CITY-AMRITSAR	JNH - PFM	34.38		78.61		
	PFM - PRG	34.97				
4. JANGHAI-PHAPHAMAU-ALLAHABAD	PRG - ALD	34.83		57.88		
	LKO - BBK	40.38	37.06			
5. LUCKNOW-FAIZABAD-ZAFRABAD	BBK - FD	37.01		269.22		
	FD - ARP	33.31				
	ARP - SHG	33.20				
	SHG - ZBD	31.73				
	ZBD - PFM	31.73				
6. PHAPHAMAU-UNCHAHAR	PFM - UCR	24.93		72.27		
7. BAREILLY-CHANDAUSI	BE - CHD	16.33				
8. CHANETHI LINK				68.21		
9. LAKSAR-HARIDWAR	LRI - HW	31.20		27.07		
10. LAKSAR AVOIDING LINE				0.81		
	TOTAL				958.31	

GROUP & SECTION WISE ROUTE KILOMETRES SHOWING GMT					
GROUP	SECTION	BETWEEN STATIONS	GMT		KM
			UP LINE	DN LINE	
"E"	1. BATHINDA-SRIGANGANAGAR	BTI - SGNR	16.12		124.36
	2. BATHINDA BYE PASS (PHUSMANDI-KATARSINGHWALA)				5.62
	3. CHANDIGARH-MORINDA	CDG - MRND	8.32		44.35
	4. HINDON CABIN-KHANALAMPURA				1.89
	5. LUDHIANA-HISAR	LDH - DUI	29.52		205.44
		DUI - JHL	22.29		
		JHL - HSR	10.27		
	6. RAJPURA-BATHINDA	RPJ - DUI	29.69		172.73
		DUI - BTI	22.90		
	7. RAIPUR HARYANA-SATROD				0.64
	8. SIRHIND-NANGALDAM-UNA HIMACHAL-CHURARU TAKRALA-AMB ANDAURA	SIR - NLDM	28.35		148.20
		NLDM - UHL	7.61		
		UHL - AMB	7.61		
	9. TAPRI-KHANALAMPURA				1.51
	10. ANAND VIHAR-SAHIBABAD 3rd & 4th LINE	ANVT - SBB	13.34	13.34	5.75
	11. ANAND VIHAR-VIVEK VIHAR				1.12
	12. DELHI SHAHDARA-SHAMLI-TAPRI	DSA - SMQL	15.56		151.00
		SMQL - TPZ	10.74		
	13. DELHI CANTT.-PATEL NAGAR				1.50
	14. GAL Bet: TUGHLAKABAD-PALWAL				90.84
	15. GARHI HARSARU-FARUKH NAGAR	GHH - FN	11.27		11.27
	16. JIND-PANIPAT	JHI - PNP	7.68		69.38
	17. NARWANA-KURUKSHETRA	NRW - KKDE	5.03		85.86
	18. ROHTAK-GOHANA-PANIPAT	ROK - PNP	9.93		69.50
	19. REWARI-ROHTAK	RE - ROK	4.46		75.00
	20. 2nd YAMUNA BRIDGE-TUGHLAKABAD			69.59	43.80
	21. ABOHAR-FAZILKA				42.70
	22. AMRITSAR-ATARI	ASR - ATI	6.62		27.59
	23. AMRITSAR-KHEMKARAN	ASR - KEMK	5.13		78.00
	24. BATALA-QADIAN	BAT - QDN	3.75		20.04
	25. BARAMULLA-SRINAGAR-QAZIGUND-BANIHAL	BRML - QZ	5.78		135.55
26. BEAS-GOINDWAL-TARAN TARAN	BES - GWSB	5.43		50.00	
	GWSB - TTO				
27. PATHANKOT CANTT.-BHAROLI(CHORD LINE)	PTKC - BHRL	24.17	18.48	2.60	
28. FIROZPUR CANTT.-HUSAINIWALA	FZR - HSW	3.39		8.41	
29. FIROZPUR CITY-FAZILKA	FZR - FKA	5.10		85.04	
30. FIROZPUR CANTT.-JALANDHAR CITY	FZR - LNK	14.71		116.86	
	LNK - JUC	14.04			
31. JAMMU TAWI-UDHAMPUR-SMV KATRA	JAT - UHP	10.15		78.47	
32. JALANDHAR CANTT.-HOSHARPUR					