

SALIENT FEATURES OF UDHAMPUR SRINAGAR BARAMULLA NEW RAIL LINK (B.G.) PROJECT						
S. No.	ITEM	UHP-SVDK	SVDK-BNHL	BNHL-QZD	QZD-BRML	Total
1.	Route Length (in Km.)	25	111	18	118	272
2.	Rulling Gradient	1 in 100 (C)	1 in 80 (C)	1 in 100 (C)	1 in 100 (C)	-
3.	Max. Curvature	5°	4.46°	3.1°	2.75°	-
4.	Total Number of Bridges	38	37	41	811	927
5.	Max. Height of Bridges (in m)	85	359	15.75	22	-
6.	Length of Bridges (in m)	1488	7035	275	4210	13008.00
7.	Longest Span (in m)	154 St. Gr. Jhajjar Khad	467 St. Arch Chennab River	45 Steel Girder	45 Steel Girder	-
8.	Tunnel Length (in Km.)	11	97	11.215	00	119.22
9.	Total Number of Tunnels	10	27	1	0	38
10.	% Length in Tunnel	44	87	62	0	-
11.	Longest Tunnel (in Km.)	3.15	12.75	11.215	0	-
12.	Executing Agencies					
	Jammu to Katra	Northern Railway				
	Katra (Km.25) to Km.30	Northern Railway				
	Km.30 to Km.73/809/00	M/s KRCL				
	Km.73/809 to Km.86/848	M/s IRCON				
	Km.86/848 to Km.96/989	M/s KRCL				
	Km.96/989 to Km.136/00	M/s IRCON				
	Banihal (136) to Baramulla (272)	M/s IRCON				

GMT PROFILE						
DIVISION	UMB	DLI	FZR	LKO	MB	TOTAL ROUTE (KM)
> 80 GMT	0	108.28	0	0	0	108.28
50-80 GMT	184.29	237.71	0	100.60	318.11	840.71
40-50 GMT	7.38	11.77	135.44	296.26	51.42	502.27
< 40 GMT	943.15	1152.61	1714.51	1063.27	1038.19	5911.73
TOTAL	1134.82	1510.37	1849.95	1460.13	1407.72	7362.99

SIDINGS (> 2 KM)		
DIVISION	STATION	SIDINGS
AMBALA	BATHINDA	GNDTP & NFL
	BATHINDA CANTT.	DEFENCE
	LEHRA MUHABHAT	GHTP & BPC
	NABHA	FCI
	PATIALA	FCI
	BARWALA	RGTP
	KILA RAIPUR	HIND TERMINAL
	AHMEDGARH	PILL
	CHINTAN WALA	SILOS
	CHAJLI	SILOS
	NANGAL DAM	NFL
	RUPNAGAR	GGSS THERMAL PLANT & ACC CEMENT PLANT
	DHAPPER	DEFENCE
	SARAI BANJARA	NPL
KALANAUR	DEEN BANDHU SIR CHHOTU RAM THERMAL PLANT	
DELHI	BHAMBEWA	DVS (FOOD GRAIN)
	ASAUDAH	HPCL
	SADDA SINGH WALA	MTSS
	PEHOWA ROAD	FCI & ADANI LOGISTICS SIDING
	KHUKRANA	IOCL BAHOLI & THERMAL
	DIWANA	PCWD & NFL
	BHODWAL MAJRI	BOX TRANS
	NARELA	FCI
	PRATPUR	POL
	MUHIUDDINPUR	KRIBHCO
	DELHI CANTT.	COD & CVD
	PIYALA	ACTL
	PALWAL	HTPL
	NAULTHA	ADANI AGRO LOGISTICS LTD.
FIROZPUR	PATHANKOT CANTT.	CWC
	KHADUR SAHIB	GBK POWER HOUSE
	SUCHI PIND	IOCL
	MOGA	FCI & NESTLE
	KOTKAPURA	FCI
LUCKNOW	KUNDAGANJ	RELIANCE CEMENT
	SINDURWA	IGFCC
	GAURIGANJ	ACC CEMENT
	UNCHAHAHAR	NTPC
	PHULPUR	IFFCO
	TANDA	NTPC
	LUCKNOW	FCI
	BANTHARA	KFL PRIVATE LIMITED
MORADABAD	HARIDWAR	BHEL
	PILKHUWA	AJANTA TUBES PVT. LTD.

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)	GZB - CPYZ	26.02	18.06	3.77
	2. NEW DELHI-GHAZIABAD(UP & DN LINES)	NDLS - TKJ	82.23	82.93	25.56
		TKJ - SBB	29.47	29.48	
	3. NEW DELHI-TUGHLAKABAD-PALWAL (UP & DN LINES)	SBB - GZB	122.91	117.56	57.68
		NDLS - TKJ	82.23	82.93	
		TKJ - NZM	40.20	40.89	
		NZM - OKA	76.85	81.57	
		OKA - TKD	76.85	81.57	
		TKD - PWL	102.40	71.94	
	TOTAL				
"B"	1. DELHI-AMBALA-KALKKA(UP & DN LINES)	DLI - SZM	16.70	13.02	264.71
		SZM - PNP	57.34	53.07	
		PNP - KKDE	52.26	51.38	
		KKDE - UMB	51.14	44.46	
	2. DELHI-REWARI(UP & DN LINES)	DLI - GHH	54.44	54.05	81.00
		GHH - RE	25.52	36.94	
	3. GHAZIABAD-SAHARANPUR	GZB - MTC	21.31	19.24	159.59
	4. JALANDHAR CANTT. - SUCHIPIND	DDU - BSB	73.50	48.53	3.22
		BSB - JNH	25.24	23.58	
		JNH - PBH	19.78		
PBH - CIL		16.00	12.97		
CIL - RBL		16.50	11.36		
RBL - UTR		20.10	15.82		
UTR - LKO		53.69	39.01		
LKO - BLM		68.28	59.28		
BLM - RAC		60.97	32.83		
RAC - SPN		62.99	55.19		
5. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR - PATHANKOT (UP & DN LINES)	SPN - BE	62.54	55.06	1200.46	
	BE - MB	57.12	63.83		
	MB - NBD	35.27	30.77		
	NBD - MZM	35.72	32.11		
	MZM - LRJ	35.15	31.54		
	LRJ - SRE	35.90	32.32		
	SRE - UMB	54.49	51.12		
	UMB - RPJ	70.11	69.01		
	RPJ - SIR	68.33	66.40		
	SIR - SNL	64.68	67.03		
6. PATHANKOT-BHAROLI-JAMMU TAWI	SNL - LDH	38.04	39.09	100.48	
	LDH - PHR	44.59	43.18		
	PHR - PGW	45.29	42.50		
	PGW - JRC	43.35	40.69		
	JRC - JUC	42.07	37.72		
	JUC - SPCD	2.62	3.26		
	SCPD - PTKC	18.44	15.50		
	PTKC - PTK	1.24	1.26		
	PTK - BHRL	8.06			
	BHRL - JAT	16.38	14.19		
TOTAL					1828.44
"C"	1. DAYABASTI-NAYA AZADPUR Alignment No. 4		8.85	18.01	5.36
	2. HAZRAT NIZAMUDDIN-PATEL NAGAR-DAYABASTI	NZM - LPNR	16.42	14.84	20.96
		LPNR - PTNR			
		PTNR - DBSI	2.22	2.39	
	3. MEETING POINT DAYABASTI-BEYOND MEETING POINT DELHI KISHANGANJ	DBSI - DKZ	7.14	7.31	3.00
	4. NEW DELHI-TUGHLAKABAD 3rd Line For E.M.U.				4.70
	5. OKHLA-LAJPAT NAGAR CHORD Alignment No. 1	OKA - LPNR	3.16	7.04	2.45
	6. PATEL NAGAR-DAYABASTI Alignment No. 3		2.22	2.39	3.45
7. SADAR BAZAR-DELHI KISHANGANJ	NDLS - DKZ	14.21	14.29	2.10	
8. SUBZIMANDI-NEW DELHI SADAR BAZAR	NDLS - SZM	19.59	19.74	0.63	
TOTAL					42.65
"D"	1. DELHI-GHAZIABAD	DLI - DSA	33.98	38.96	19.17
		DSA - SBB	45.50	50.87	
	2. GHAZIABAD-HAPUR-MORADABAD	SBB - GZB	122.91	117.56	137.55
		GZB - HPU	39.19	46.79	
		HPU - GJL	39.72	38.43	
		GJL - MB	47.52	42.85	
		CNB - ON	58.59	57.61	
		ON - LKO	44.67	51.41	
	3. KANPUR-LUCKNOW	BSB - ZBD	59.33	40.65	67.93
		ZBD - SLN	42.18	20.37	
	4. VARANASI-ZAFRABAD-SULTANPUR-UTRATTIA	SLN - UTR	40.67	21.18	268.12
	5. DELHI-NEW DELHI	DLI - NDLS	1.78	1.78	2.32
		DLI - DKZ	10.79	18.17	
	6. DELHI-BATHINDA-FIROZPUR CANTT.	DKZ - SSB	21.13	22.20	379.49
		SSB - ROK	39.22	35.17	
		ROK - JHI	32.69	33.94	
		JHI - NRW	35.95	25.28	
NRW - JHL		16.85	13.18		
JHL - BTI		23.42	20.07		
BTI - KKP		18.16			
KKP - FZR		12.05			
JUC - BEAS		41.39	39.63		
BEAS - ASR		49.41	49.71		
7. JALANDHAR CITY-AMRITSAR	JNH - PFM	28.82		78.61	
8. JANGHAI-PHAPHAMAU-PRAYAGRAJ	PFM - PRG	14.60	14.60	57.88	
	PRG - PRYJ	21.61	10.58		
	LKO - ML	48.39	46.52		
	ML - BBK	49.66	49.74		
9. LUCKNOW-AYODHYA CANTT.-ZAFRABAD	BBK - AYC	30.84		269.22	
	AYC - ABP	25.76			
	ABP - SHG	31.92			
	SHG - ZBD	30.40			
10. PHAPHAMAU-UNCHAHAHAR	PFM - UCR	14.94		72.27	
11. BAREILLY-CHANDAUSI	BE - CH	19.08		68.21	
12. BAREILLY CANTT. LINK				2.43	
13. LAKSAR-HARIDWAR	LRJ - HW	16.11	15.75	27.07	
14. LAKSAR AVOIDING LINE				0.81	
15. BATHINDA-SRIGANGANAGAR	BTI - SGNR	15.61		124.36	
16. BATHINDA BYE PASS (PHUSMANDI-KZW)				5.62	
17. CHANDIGARH-MORINDA	CDG - MRND	3.25		44.35	
18. HINDON CABIN-KHANALAMPURA				1.89	
19. LUDHIANA-HISAR	LDH - DUI	15.91		205.44	
	DUI - JHL	21.75			
	JHL - HSR	10.89			
TOTAL					1832.74

GROUP & SECTION WISE ROUTE KILOMETRES SHOWING GMT					
GROUP	SECTION	BETWEEN STATIONS	GMT		KM
			UP LINE	DN LINE	
TOTAL					
	20. RAJPURA-BATHINDA	RJP - DUI	9.48	5.99	172.74
		DUI - BTI	8.45	4.70	
	21. RAIPUR HARYANA-SATROD				0.64
22. SIRHIND-NANGALDAM-UNA HIMACHAL-CHURARU TAKRALA-AMB ANDAURA-DAULATPUR CHOWK		SIR - NLDM	8.23		164.48
		NLDM - UHL	1.30		
		UHL - AMB	3.60		
	23. TAPRI-KHANALAMPURA				1.51
24. SAHIBABAD-ANAND VIHAR-TILAK BRIDGE 3rd & 4th LINE		ANVT - SBB	22.77	22.78	10.15
	25. ANAND VIHAR-VIVEK VIHAR				1.12
26. DELHI SHAHDARA-SHAMLI-TAPRI		DSA - SMQL	12.03		151.00
		SMQL - TPZ	8.74		
	27. DELHI CANTT.-PATEL NAGAR				1.50
28. GAL Bet: TUGHLAKABAD-PALWAL			102.40	71.94	38.13
	29. GARHI HARSARU-FARUKH NAGAR	GHH - FN	7.35		11.27
30. JIND-PANIPAT		JHI - PNP	8.75	7.12	69.38
			15.87		
	31. NARWANA-KURUKSHETRA	NRW - KKDE	3.76		85.86
	32. ROHTAK-GOHANA-PANIPAT	ROK - PNP	8.57		69.50
	33. REWARI-ROHTAK	RE - ROK	13.30		75.00
34. 2nd YAMUNA BRIDGE-TUGHLAKABAD		(SBB - NZM)	89.32	80.68	12.25
			0.66		
	35. ABOHAR-FAZILKA	ABS - FKA	0.34	0.52	42.70
36. AMRITSAR-ATARI		ASR - ATI	0.86		27.59
			1.51		
	37. AMRITSAR-KHEMKARAN	ASR - KEMK	0.26		78.00
	38. BATALA-QADJAN	BAT - QDN	0.26		20.04
	39. BARAMULLA-SRINAGAR-QAZIGUND-BANIHAL	BRML - QZ	3.54		135.55
40. BEAS-GOINDWAL-TARAN TARAN		BEAS - GWSB	2.38		50.00
		GWSB - TTO			
	41. PATHANKOT CANTT.-BHAROLI(CHORD LINE)	PTKC - BHRL	15.45	13.06	2.60
	42. FIROZPUR CANTT.-HUSAINIWALA	FZR - HSW	3.12		8.41
	43. FIROZPUR CITY-FAZILKA	FZP - FKA	3.10		85.04
44. FIROZPUR CANTT.-JALANDHAR CITY		FZR - LNK	12.93		116.86
		LNK - JUC	13.85		
45. JAMMU TAWI-UDHAMPUR-SMV KATRA		JAT - UHP	13.08		53.15
		UHP - SVDK	9.00		
	46. JALANDHAR CANTT.-HOSHIARPUR	JRC - HSX	2.69		38.83
	47. KOTKAPURA-FAZILKA	KKP - FKA	3.75		80.39
48. LOHIAN KHAS-NAKODAR-PHILLAUR		LNK - NRO	2.71		63.67
		NRO - PHR	3.83		
	49. LUDHIANA-FIROZPUR CANTT.	LDH - FZR	13.86		123.40
	50. LUDHIANA-SANEHWAL-NEW MORINDA	LDH - NMDA	3.17		71.18
	51. NAKODAR-JALANDHAR CITY	NRO - JUC	0.67		31.90
	52. NAWASHAHAR DOABA-RAHON	NSS - RHU	0.26		7.35
53. PHAGWARA-NAWASHAHAR DOABA-JAJON DOABA		PGW - NSS	0.50		66.58
		NSS - JJJ	0.24		
54. PATHANKOT-AMRITSAR		PTK - BHRL	8.06		103.91
		BHRL - BAT	1.87		
		BAT - VKA	1.13		
		VKA - ASR	6.10		
	55. VERKA-DERA BABA NANAK	VKA - DBNK	1.06		46.03
	56. AKBARPUR-TANDA	ABP - TD	14.87		16.78
	57. DALMAU-DARYAPUR	DMW - DYP	0.94		23.37
58. AYODHYA CANTT.-CHILBILA & PARTAPGARH-PHAPHAMAU		AYC - SLN	3.52		138.37