

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.	Rolling 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	JAT	LKO	MB	TOTAL ROUTE (KM)
> 80 GMT	0	108.28	0	0	0	0	108.28
50-80 GMT	184.29	237.71	0	0	120.96	318.11	861.07
40-50 GMT	7.38	71.45	135.44	0	296.26	134.46	644.99
< 40 GMT	943.16	1142.48	1034.61	742.27	1045.10	955.15	5862.77
TOTAL	1134.83	1559.92	1170.05	742.27	1462.32	1407.72	7477.11

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
	CHHINTAN 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
	BHAMBEWA	DVS (FOOD GRAIN)
DELHI	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
	PITALA	ACTL
	PALWAL	HTPL
	NAULTHA	ADANI AGRO LOGISTICS LTD.
	PATHANKOT CANTT.	CWC
	KHADUR SAHIB	GBK POWER HOUSE
	SUCHI PIND	IOCL
FIROZPUR	MOGA	FCI & NESTLE
	KOTKAPURA	FCI
	KUNDAGANJ	RELIANCE CEMENT
	SINDURWA	IGFCC
	GAURIGANJ	ACC CEMENT
	UNCHAHAR	NTPC
LUCKNOW	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	26.64	22.50	3.77	
	2. NEW DELHI-GHAZIABAD(UP & DN LINES)	NDLS - TKJ	80.99	81.71	25.56	
		TKJ - SBB	28.75	28.75		
	3. NEW DELHI-TUGHLAKABAD-PALWAL (UP & DN LINES)	SBB - GZB	123.31	118.22	57.68	
		NDLS - TKJ	80.99	81.71		
		TKJ - NZM	38.48	39.25		
		NZM - OKA	73.33	75.76		
		OKA - TKD	73.33	75.76		
		TKD - PWL	97.38	66.93		
	TOTAL				87.01	
"B"	1. DELHI-AMBALA-KALKA(UP & DN LINES)	DLI - SZM	17.01	13.22	264.71	
		SZM - PNP	55.06	55.27		
	2. DELHI-REWARI(UP & DN LINES)	PNP - KKDE	51.02	47.01	81.00	
		KKDE - UMB	47.48	43.50		
	3. GHAZIABAD-SAHARANPUR	UMB - CDG	14.60	14.40	159.59	
		CDG - KLK	29.00			
	4. JALANDHAR CANTT. - SUCHIPIND	DLI - GHH	53.52	56.97	3.22	
		GHH - RE	29.85	38.86		
	5. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	GZB - MTC	23.27	21.15	159.59	
		MTC - SRE	23.31	13.72		
		4. JALANDHAR CANTT. - SUCHIPIND	JRC - SCPD	13.78	11.76	3.22
			DDU - BSB	72.06	47.33	
		5. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	BSB - JNH	23.18	24.05	1200.46
			JNH - PBH	11.62	8.60	
		6. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	PBH - CIL	16.19	13.23	1200.46
			CIL - RBL	17.62	11.70	
		7. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	RBL - UTR	22.18	16.12	1200.46
			UTR - LKO	53.47	44.37	
		8. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	LKO - BLM	68.91	59.71	1200.46
			BLM - RAC	61.07	33.09	
9. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)		RAC - SPN	63.88	55.28	1200.46	
		SPN - BE	62.28	54.84		
10. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)		BE - MB	57.18	62.27	1200.46	
		MB - NBD	35.79	31.26		
11. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)		NBD - MZM	36.69	33.06	1200.46	
		MZM - LRJ	35.75	32.13		
12. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)		LRJ - SRE	36.26	32.66	1200.46	
		SRE - UMB	54.51	51.93		
13. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	UMB - RPJ	70.95	70.77	1200.46		
	RPJ - SIR	69.20	65.50			
14. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	SIR - SNL	64.20	66.80	1200.46		
	SNL - LDH	38.94	40.10			
15. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	LDH - PHR	44.50	41.84	1200.46		
	PHR - PGW	45.81	41.57			
16. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	PGW - JRC	44.50	41.88	1200.46		
	JRC - JUC	43.84	37.42			
17. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	JUC - SCPD	2.66	3.29	1200.46		
	SCPD - PTKC	19.13	15.92			
18. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	PTKC - PTK	1.22	1.24	1200.46		
	PTK - BHRL	8.06				
19. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	BHRL - JAT	17.18	14.32	100.48		
	TOTAL				18.98	
"C"	1. PATEL NAGAR-ADARSH NAGAR Alignment No. 4	PTNR-ANDI DAL	10.20	18.00	5.36	
	2. HAZRAT NIZAMUDDIN-PATEL NAGAR-DAYABASTI	NZM - LPNR	16.98	15.34	20.96	
		LPNR - PTNR	2.61	2.78		
	3. MEETING POINT DAYABASTI-BEYOND MEETING POINT DELHI KISHANGANJ	PTNR - DBSI	2.61	2.78	3.00	
		DBSI - DKZ	8.34	8.51		
	4. NEW DELHI-TUGHLAKABAD 3rd Line For E.M.U.				4.70	
	5. OKHLA-LAJPAT NAGAR CHORD Alignment No. 1	OKA - LPNR	3.49	9.70	2.45	
	6. PATEL NAGAR-DAYABASTI Alignment No. 3	PTNR - DBSI	2.61	2.78	3.45	
	7. SADAR BAZAR-DELHI KISHANGANJ	NDLS - DKZ	13.91	13.99	2.10	
	8. SUBZIMANDI-NEW DELHI SADAR BAZAR	NDLS - SZM	19.64	19.80	0.63	
TOTAL				42.65		
"D"	1. DELHI-GHAZIABAD	DLI - DSA	35.91	41.04	19.17	
		DSA - SBB	43.28	48.81		
	2. GHAZIABAD-HAPUR-MORADABAD	SBB - GZB	123.31	118.22	137.55	
		GZB - HPU	41.08	49.66		
	3. KANPUR-LUCKNOW	HPU - GJL	41.35	40.87	67.93	
		GJL - MB	46.61	41.44		
	4. VARANASI-ZAFRABAD-SULTANPUR-UTRAITIA	CNB - ON	55.49	56.35	268.12	
		ON - LKO	44.52	56.18		
	5. DELHI-NEW DELHI	BSB - ZBD	61.50	41.17	2.32	
		ZBD - SLN	43.10	20.54		
	6. DELHI-BATHINDA-FIROZPUR CANTT.	SLN - UTR	41.19	21.60	379.49	
		DLI - NDLS	2.00	2.00		
	7. JALANDHAR CITY-AMRITSAR	DLI - DKZ	10.55	20.73	78.61	
		DKZ - SSB	21.87	20.64		
	8. JANGHAI-PHAPHAMAU-PRAYAGRAJ	SSB - ROK	45.10	36.40	57.88	
		ROK - JHI	30.88	34.31		
	9. LUCKNOW-AYODHYA CANTT.-ZAFRABAD	JHI - NRW	36.25	25.41	269.22	
		NRW - JHL	19.30	15.80		
	10. PHAPHAMAU-UNCHAHAR	JHL - BTI	23.73	20.28	72.27	
		BTI - KKP	18.95			
11. BAREILLY-CHANDAUSI	KKP - FZR	10.92		68.21		
	JUC - BEAS	41.69	39.39			
12. BAREILLY CANTT. LINK	BEAS - ASR	48.02	46.40	2.43		
	JNH - PFM	27.58				
13. LAKSAR-HARIDWAR	PFM - PRG	15.16	15.16	0.81		
	PRG - PRYJ	22.40	11.38			
14. LAKSAR AVOIDING LINE	LKO - ML	47.87	49.08	124.36		
	ML - BBK	49.62	50.59			
15. BATHINDA-SRIGANGANAGAR	BBK - AYC	12.78	17.14	5.62		
	AYC - ABP	4.99	5.90			
16. BATHINDA BYE PASS (PHUSMANDI-KZW)	ABP - SHG	19.15	13.10	44.35		
	SHG - ZBD	18.77	13.79			
17. CHANDIGARH-MORINDA	PFM - UCR	17.47		1.89		
	BE - CH	20.26				
18. HINDON CABIN-KHANALAMPURA				205.44		
19. LUDHIANA-HISAR				1832.74		
TOTAL					1832.74	

GROUP & SECTION WISE ROUTE KILOMETRES SHOWING GMT					
GROUP	SECTION	BETWEEN STATIONS	GMT		KM
			UP LINE	DN LINE	
	TOTAL				1832.74
	20. RAIPURA-BATHINDA	RJP - DUI DUI - BTI	12.06 9.02	20.46 14.11	172.74
	21. RAIPUR HARYANA-SATROD		11.00		0.64
	22. SIRHIND-NANGALDAM-UNA HIMACHAL-CHURARU TAKRALA-AMB ANDAURA-DAULATPUR CHOWK	SIR - NLDM	8.38		164.48
		NLDM - UHL	0.80		
		UHL - AMB	3.10		
	23. TAPRI-KHANALAMPURA	TPZ - KGY	13.61		1.51
	24. SAHIBABAD-ANAND VIHAR-TILAK BRIDGE 3rd & 4th LINE	ANVT - SBB	23.42	23.43	10.15
	25. ANAND VIHAR-VIVEK VIHAR	A Panel-B Panel			1.12
	26. DELHI SHAHDARA-SHAMLI-TAPRI	DSA - SMQL	12.62		151.00
		SMQL - TPZ	6.29		
	27. DELHI CANTT. -PATEL NAGAR	DEC - PTNR	40.11		1.50
	28. GAL Bet: TUGHLAKABAD-PALWAL		97.38	66.93	38.13
	29. GARHI HARSARU-FARUKH NAGAR	GHH - FN	7.63		11.27
	30. JIND-PANIPAT	JHI - PNP	9.28	7.61	69.38
			16.89		
	31. NARWANA-KURUKSHETRA	NRW - KKDE	4.09		85.86
	32. ROHTAK-GOHANA-PANIPAT	ROK - PNP	9.42		69.50
	33. REWARI-ROHTAK	RE - ROK	13.61		75.00
	34. 2nd YAMUNA BRIDGE-TUGHLAKABAD	(SBB - NZM)	86.86	77.34	12.25
	35. ABOHAR-FAZILKA	ABS - FKA	0.66		42.70
	36. AMRITSAR-ATARI	ASR - ATI	0.46	0.66	27.59
			1.12		
	37. AMRITSAR-KHEMKARAN	ASR - KEMK	1.24		78.00
	38. BATALA-QADIAN	BAT - QDN	0.20		20.04
	39. BARAMULLA-SRINAGAR-QAZIGUND-BANIHAL	BRML - QZ	2.84		135.55
	40. BEAS-GOINDWAL-TARAN TARAN	BEAS - GWSB	2.46		50.00
		GWSB - TTO			
	41. PATHANKOT CANTT. -BHAROLI(CHORD LINE)	PTKC - BHRL	15.86	13.00	2.60
	42. FIROZPUR CANTT. -HUSAINIWALA	FZR - HSW	3.06		8.41
	43. FIROZPUR CITY-FAZILKA	FZP - FKA	3.27		85.04
	44. FIROZPUR CANTT. -JALANDHAR CITY	FZR - LNK	13.24		116.86
			LNK - JUC	14.17	
	45. JAMMU TAWI-UDHAMPUR-SMV KATRA	JAT - UHP UHP - SVDK	13.31		53.15
			8.62		25.32
	46. JALANDHAR CANTT. -HOSHIARPUR	JRC - HSX	3.18		38.83
	47. KOTKAPURA-FAZILKA	KKP - FKA	4.69		80.39
	48. LOHIAN KHAS-NAKODAR-PHILLAUR	LNK - NRO NRO - PHR	2.84		63.67
			3.94		
	49. LUDHIANA-FIROZPUR CANTT.	LDH - FZR	14.44		123.40
	50. LUDHIANA-SANEHWAL-NEW MORINDA	LDH - NMDA	3.04		71.18
	51. NAKODAR-JALANDHAR CITY	NRO - JUC	0.81		31.90
	52. NAWASHAHAR DOABA-RAHON	NSS - RHU	0.44		7.35
	53. PHAGWARA-NAWASHAHAR DOABA-JAIJON DOABA	PGW - NSS	0.96		66.58
		NSS - JJI	0.12		
		PTK - BHRL	2.21		
	54. PATHANKOT-AMRITSAR	BHRL - BAT	2.21		103.91
		BAT - VKA	1.29		
		VKA - ASR	6.32		
		VKA - DBNK	0.95		
	55. VERKA-DERA BABA NANAK	VKA - DBNK	0.95		46.03
	56. AKBARPUR-TANDA	ABP - TD	16.97		16.78
	57. DALMAU-DARYAPUR	DMW - DYP	0.88		23.37
	58. AYODHYA CANTT. -CHILBILA & PARTAPGARH-PHAPHAMAU	AYC - SLN	4.49		138.37
		SLN - CIL	3.95		
		PBH - PFM	8.92		
		JNH - ZBD	4.67		
59. JANGHAI-ZAFRABAD				46.44	
60. JAHANGIRABAD-BARABANKI				1.18	
61. PHAPHAMAU BYE PASS				2.14	
62. PRAYAG-PRAYAGRAJ SANGAM	PRG - PYGS	5.86		3.00	
63. RAIBARELI-UNCHAHAHAR	RBL - DYP	7.86		36.27	
	DYP - UCR	5.84			
	UCR - DMW	6.64			
64. UNCHAHAHAR-UNNAO	DMW - ON	4.88		111.66	
65. VARANASI-MUNDUHU DEA				2.84	
66. ALIGARH-CHANDAUSI	HGJ - CH	6.31		83.81	
67. BALAMAU-SITAPUR CITY	BLM - SPC	0.96		58.34	
68. CHANDAUSI-MORADABAD	CH - RJK	26.82		41.69	
	RJK - MB	10.88			
69. GAJROULA-MUZZAMPUR NARAIN	GJL - MZM	3.90		93.80	
70. HARIDWAR-DEHRADUN	HW - RWL	19.27		51.95	
	RWL - DDN	16.15			
71. KHURJA-MEERUT CITY	KRJ - HPU	16.85		89.76	
	HPU - MTC	11.45			
72. MORADABAD-KASHIPUR				3.22	
73. NAJIBABAD-KOTDWAR	NBD - KTW	1.30		24.00	
74. RAJA KA SHASPUR-SAMBHAL HATIM SARAI	RJK - SHTS	0.24		23.16	
75. RAJAWALA-RISHIKESH	RWL - RKSH	14.04		11.69	
76. RAMPUR-KATHGODAM				1.47	
77. ROSA-SITAPUR CITY	RAC - SPC	8.21	17.99	83.76	
78. UNNAO-BALAMAU	ON - BLM	1.50	2.30	98.57	
79. JIND-SONIPAT	JHI - SNP			80.00	
80. VIRBHADRA-YOG NAGRI RISHIKESH (RISHIKESH- KARAN PRAYAG)	VRH-YNRK	1.53		5.70	
81. ROHTAK-BHIWANI	ROK - BNW			7.70	
82. ROHTAK-MEHAM-HANSI	ROK-MAHM-HNS			68.00	
83. JAUNPUR JN - JAUNPUR CITY (CHORD LINE)	JNU - JOP			2.20	
84. SHRI MATA VAISHNO DEVI KATRA - REASTI -SANGALDAN	SVDK-REAI-SGDN			62.37	
85. PALWAL - PRITHALA				9.14	
	TOTAL			5258.15	
NG	1. KALKA-SHIMLA(MAIN LINE)	KLK - SML	0.64		96.54
	2. PATHANKOT- JOGINDER NAGAR(MAIN LINE)	PTK - JMKR	0.24		164.31
		JMKR - BJPL	0.24		
		BJPL - JDNX	0.12		
	TOTAL				260.85