

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	JAT	LKO	MB	TOTAL ROUTE (KM)
> 80 GMT	0	108.28	0	0	0	0	108.28
50-80 GMT	184.29	3.66	0	0	198.90	318.11	704.96
40-50 GMT	7.38	297.15	0	0	91.20	51.42	447.15
< 40 GMT	857.17	1146.01	1215.83	580.21	1172.22	1067.74	6039.18
TOTAL	1048.84	1555.10	1215.83	580.21	1462.32	1437.27	7299.57

SIDINGS (>2 KM)		
DIVISION	STATION	SIDINGS
AMBALA	BATHINDA	GNFTP & 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
DELHI	DHAPPER	DEFENCE
	SARAI BANJARA	NPL
	KALANAUUR	DEEN BANDHU SIR CHHOTU RAM THERMAL PLANT
	BHAMBWEWA	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
FIROZPUR	MUHIUDDINPUR	KRIBHCO
	DELHI CANTT.	COD & CVD
	PIYALA	ACTL
	PALWAL	HTPL
	NAULTHA	ADANI AGRO LOGISTICS LTD.
	KHADUR SAHIB	GBK POWER HOUSE
	SUCHI PIND	IOCL
	MOGA	FCI & NESTLE
	KOTKAPURA	FCI
	JAMMU	PATHANKOT CANTT.
		CWC
		RELIANCE CEMENT
LUCKNOW	KUNDAGANJ	IGFCC
	SINDURWA	ACC CEMENT
	GAURIGANJ	NTPC
	PHULPUR	IFFCO
	TANDA	NTPC
	LUCKNOW	FCI
	BANTHARA	KFL PRIVATE LIMITED
	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	20.86	21.52	3.77
	2. NEW DELHI-GHAZIABAD(UP & DN LINES)	NDLS - TKJ	80.72	81.41	25.56
		TKJ - SBB	27.77	26.89	
	3. NEW DELHI-TUGHLAKABAD-PALWAL (UP & DN LINES)	SBB - GZB	106.38	110.25	
		NDLS - TKJ	80.72	81.41	
		TKJ - NZM	38.89	39.61	57.68
		NZM - OKA	69.52	76.59	
		OKA - TKD	31.26	37.89	
		TKD - PWL	86.22	59.47	
	TOTAL				87.01
"B"	1. DELHI-AMBALA-KALKAA(UP & DN LINES)	DLI - SZM	12.00	12.10	
		SZM - PNP	46.75	42.55	
		PNP - KKDE	42.84	39.02	264.71
	2. DELHI-REWARI(UP & DN LINES)	KKDE - UMB	45.55	41.87	
		UMB - CDG	15.05	13.88	
		CDG - KLK		28.93	
	3. GHAZIABAD-SAHARANPUR	DLI - GHH	45.86	44.94	
		GHH - RE	27.89	35.64	81.00
		GZB - MTC	22.06	20.80	
	4. JALANDHAR CANTT. - SUCHIPIND	MTC - SRE	21.14	17.67	159.59
		JRC - SCPD	12.95	10.33	3.22
	5. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	DDU - BSB	73.55	48.86	
		BSB - JNH	22.45	23.98	
		JNH - PBH	11.56	9.09	
		PBH - CIL	17.20	13.85	
		CIL - RBL	16.98	12.07	
		RBL - UTR	21.72	14.95	
		UTR - LKO	52.59	45.17	
		LKO - BLM	70.21	65.56	
		BLM - RAC	60.25	54.65	
		RAC - SPN	61.98	52.23	
		SPN - BE	61.85	51.65	
		BE - MB	54.95	59.98	
		MB - NBD	34.78	29.56	
		NBD - MZM	35.09	32.78	
		MZM - LRJ	34.92	31.53	1200.46
		LRJ - SRE	38.83	33.45	
		SRE - UMB	55.85	52.88	
		UMB - RPT	68.98	69.98	
		RPT - SIR	65.53	64.58	
		SIR - SNL	66.35	65.65	
		SNL - LDH	33.55	32.73	
		LDH - PHR	38.50	36.00	
		PHR - PGW	36.16	34.14	
		PGW - JRC	39.17	35.68	
		JRC - JUC	30.13	33.58	
		JUC - SCPD	1.69	5.54	
		SCPD - PTKC	15.123	14.33	
		PTKC - PTK	1.16	1.21	
		PTK - BHRL	3.59	3.60	100.48
		BHRL - JAT	14.14	13.03	
	6. PATHANKOT-BHAROLI-JAMMU TAWI				18.98
	7. VYAS NAGAR-JEONATHPUR AND LUCKNOW BYE PASS LINE, UTRAITIA- ALAM NAGAR				1828.44
	TOTAL				1828.44
"C"	1. PATEL NAGAR-ADARSH NAGAR Alignment No. 4	PTNR-ANDI DAL	9.70	15.70	5.36
	2. HAZRAT NIZAMUDDIN-PATEL NAGAR-DAYABASTI	NZM - LPNR		14.70	13.78
		LPNR - PTNR			20.96
	3. MEETING POINT DAYABASTI-BEYOND MEETING POINT DELHI KISHANGANJ	PTNR - DBSI	2.66	2.98	
		DBSI - DKZ	8.16	8.49	3.00
	4. NEW DELHI-TUGHLAKABAD 3rd Line For E.M.U.				4.70
	5. OKHLA-LAJPAT NAGAR CHORD Alignment No. 1	OKA - LPNR	5.12	8.85	2.45
	6. PATEL NAGAR-DAYABASTI Alignment No. 3	PTNR - DBSI	2.66	2.98	3.45
	7. SADAR BAZAR-DELHI KISHANGANJ	NDLS - DKZ	13.61	13.68	2.10
	8. SUBZIMANDI-NEW DELHI SADAR BAZAR	NDLS - SZM	17.85	17.80	0.63
	TOTAL				42.65
"D"	1. DELHI-GHAZIABAD	DLI - DSA	27.52	36.58	
		DSA - SBB	42.14	45.75	19.17
		SBB - GZB	106.38	110.25	
	2. GHAZIABAD-HAPUR-MORADABAD	GZB - HPU	39.70	42.98	
		HPU - GJL	39.98	38.88	137.55
		GJL - MB	42.25	40.08	
	3. KANPUR-LUCKNOW	CNB - ON	53.95	50.29	
		ON - LKO	41.36	55.70	67.93
		BSB - ZBD	64.37	45.09	
	4. VARANASI-ZAFRABAD-SULTANPUR-UTRAITIA	ZBD - SLN	42.95	19.24	
		SLN - UTR	39.78	20.62	268.12
	5. DELHI-NEW DELHI	DLI - NDLS	2.06	2.06	2.32
		DLI - DKZ	11.80	16.84	
		DKZ - SSB	18.75	17.18	
		SSB - ROK	43.98	35.78	
	6. DELHI-BATHINDA-FIROZPUR CANTT.	ROK - JHI	24.23	28.19	
		JHI - NRW	32.05	23.70	379.49
		NRW - JHL	17.75	15.04	
		JHL - BTI	21.74	17.50	
		BTI - KKP		17.37	
		KKP - FZR		10.44	
	7. JALANDHAR CITY-AMRITSAR	JUC - BEAS	38.06	37.76	
		BEAS - ASR	39.87	36.67	78.61
		JNH - PFM		29.82	
	8. JANGHAI-PHAPHAMAU-PRAYAGRAJ	PFM - PRG	12.19	11.98	
		PRG - PRYJ	21.43	12.06	57.88
		LKO - ML	41.56	48.58	
	9. LUCKNOW-AYODHYA CANTT.-ZAFRABAD	ML - BBK	50.16	51.25	
		BBK - AYC	11.77	14.65	
		AYC - ABP	5.51	7.03	269.22
		ABP - SHG	21.32	14.14	
		SHG - ZBD	20.94	14.95	
	10. PHAPHAMAU-UNCHAHAHAR	PFM - UCR	16.52		72.27
	11. BAREILLY-CHANDAUSSI	BE - CH	19.97		68.21
	12. BAREILLY CANTT. LINK				2.43
	13. LAKSAR-HARIDWAR	LRJ - HW	15.95	13.99	27.07
	14. LAKSAR AVOIDING LINE				0.81
	15. BATHINDA-SRIGANGANAGAR	BTI - SGNR	15.87		124.36
	16. BATHINDA BYE PASS (PHUSMANDI-KZW)	BTIC - KZW	0.32		5.62
	17. CHANDIGARH-MORINDA	CDG - MRND	2.92		44.35
	18. HINDON CABIN-KHANALAMPURA	HNC - KJGY			1.89
	19. LUDHIANA-HISAR	LDH - DUI	16.50		
		DUI - JHL	21.18		205.44
		JHL - HSR	12.87		
	TOTAL				1832.74

GROUP & SECTION WISE ROUTE KILOMETRES SHOWING GMT						
GROUP	SECTION	BETWEEN STATIONS	GMT		KM	
			UP LINE	DN LINE		
NG	TOTAL				1832.74	
	20. RAJPURA-BATHINDA	RJP - DUI	15.02	7.91	172.74	
		DUI - BTI	10.89	6.02		
	21. RAIPUR HARYANA-SATROD	RPHR - STD	12.87		0.64	
	22. SIRHIND-NANGALDAM-UNA HIMACHAL-CHURARU TAKRALA-AMB ANDAURA-DAULATPUR CHOWK	SIR - NLDM	12.38		164.48	
		NLDM - UHL	0.03			
		UHL - AMB	5.06			
		AMB - DLPC	1.61			
	23. TAPRI-KHANALAMPURA	TPZ - KJGY	13.61		1.51	
	24. SAHIBABAD-ANAND VIHAR-TILAK BRIDGE 3rd & 4th LINE	ANVT - SBB	23.69	23.70	10.15	
	25. ANAND VIHAR-VIVEK VIHAR	A Panel-B Panel			1.12	
	26. DELHI SHAHDARA-SHAMLI-TAPRI	DSA - SMQL	12.10		151.00	
		SMQL - TPZ	5.59			
	27. DELHI CANTT. -PATEL NAGAR	DEC - PTNR	38.92		1.50	
	28. GAL Bet: TUGHLAKABAD-PALWAL		86.22	59.47	38.13	
	29. GARHI HARSARU-FARUKH NAGAR	GHH - FN	9.62		11.27	
	30. JIND-PANIPAT	JHI - PNP	7.79	7.18	69.38	
			14.97			
	31. NARWANA-KURUKSHETRA	NRW - KKDE	3.95		85.86	
	32. ROHTAK-GOHANA-PANIPAT	ROK - PNP	11.26		69.50	
	33. REWARI-ROHTAK	RE - ROK	14.20		75.00	
	34. 2nd YAMUNA BRIDGE-TUGHLAKABAD	(SBB - NZM)	82.95	74.50	12.25	
	35. ABOHAR-FAZILKA	ABS - FKA	0.52		42.70	
	36. AMRITSAR-ATARI	ASR - ATT	0.36	0.58	27.59	
			0.94			
	37. AMRITSAR-KHEMKARAN	ASR - KEMK	0.96		78.00	
	38. BATALA-QADIAN	BAT - QDN	0.14		20.04	
	39. BARAMULLA-SRINAGAR-QAZIGUND-BANIHAI	BRML - QZ	2.54		135.55	
	40. BEAS-GOINDWAL-TARAN TARAN	BEAS - GWSB		2.30	50.00	
			GWSB - TTO			
	41. PATHANKOT CANTT. -BHAROLI(CHORD LINE)	PTKC - BHRL	13.25	11.25	2.60	
	42. FIROZPUR CANTT. -HUSAINIWALA	FZR - HSW	2.92		8.41	
	43. FIROZPUR CITY-FAZILKA	FZP - FKA	2.94		85.04	
	44. FIROZPUR CANTT. -JALANDHAR CITY	FZR - LNK	13.99		116.86	
			8.02			
	45. JAMMU TAWI-UDHAMPUR-SMVD KATRA	JAT - UHP	9.71		53.15	
			7.60			
	46. JALANDHAR CANTT. -HOSHIARPUR	JRC - HSX	2.58		25.32	
	47. KOTKAPURA-FAZILKA	KKP - FKA	5.51		80.39	
	48. LOHIAN KHAS-NAKODAR-PHILLAUR	LNK - NRO	2.44		63.67	
			3.50			
	49. LUDHIANA-FIROZPUR CANTT.	LDH - FZR	14.19		123.40	
	50. LUDHIANA-SANEHWAL-NEW MORINDA	LDH - NMDA	2.42		71.18	
	51. NAKODAR-JALANDHAR CITY	NRO - JUC	1.13		31.90	
	52. NAWASHAHAR DOABA-RAHON	NSS - RHU	0.54		7.35	
	53. PHAGWARA-NAWASHAHAR DOABA-JAIJON DOABA	PGW - NSS	1.23		66.58	
		NSS - JIJ	0.18			
		PTK - BHRL	7.19			
		BHRL - BAT	1.82			
	54. PATHANKOT-AMRITSAR	BAT - VKA	1.11		103.91	
		VKA - ASR	5.03			
		VKA - DBNK	0.54			46.03
		ABP - TD	15.97			
	56. AKBARPUR-TANDA	DMW - DYP	1.02		23.37	
	58. AYODHYA CANTT. -CHILBILA & PARTAPGARH-PHAPHAMAU	AYC - SLN	5.90		138.37	
		SLN - CLIL	6.88			
		PBH - PFM	13.35			
		JNH - ZBD	3.96			
59. JANGHAI-ZAFRADAR				46.44		
60. JAHANGIRABAD-BARABANKI				1.18		
61. PHAPHAMAU BYE PASS				2.14		
62. PRAYAG-PRAYAGRAJ SANGAM	PRG - PYGS	4.92		3.00		
63. RAIBARELI-UNCHAHAH	RBL - DYP	7.53		36.27		
	DYP - UCR	8.76				
	UCR - DMW	8.21				
64. UNCHAHAH-UNNAO	DMW - ON	5.61		111.66		
65. VARANASI-MUNDUHU DEA				2.84		
66. ALIGARH-CHANDAUSI	HGJ - CH	9.73		83.81		
67. BALAMAU-SITAPUR CITY	BLM - SPC	0.96		58.34		
68. CHANDAUSI-MORADABAD	CH - RJK	26.82		41.69		
	RJK - MB	13.45				
69. GAJROULA-MUZZAMPUR NARAIN	GJL - MZM	3.39		93.80		
70. HARIDWAR-DEHRADUN	HW - RWL	19.55		51.95		
	RWL - DDN	14.88				
71. KHURJA-MEERUT CITY	KRJ - HPU	17.25		89.76		
	HPU - MTC	11.68				
72. MORADABAD-KASHIPUR				3.22		
73. NAJIBABAD-KOTDIWAR	NBD - KTW	1.31		24.00		
74. RAJA KA SHASPUR-SAMBHAL HATIM SARAI	RJK - SHTS	0.20		23.16		
75. RAIWALA-RISHIKESH	RWL - RKSH	13.46		11.69		
76. RAMPUR-KATHGODAM				1.47		
77. ROSA-SITAPUR CITY	RAC - SPC	8.88	11.85	83.76		
78. UNNAO-BALAMAU	ON - BLM	1.03	1.23	98.57		
79. JIND-SONIPAT	JHI - SNP			80.00		
80. VIRBHADRA-YOG NAGRI RISHIKESH (RISHIKESH- KARAN PRAYAG)	VRH-YNRK	1.28		5.70		
81. ROHTAK-BHIWANI	ROK - BNW			9.26		
82. ROHTAK(DOBH BAHALI)-MEHAM-HANSI	ROK-MAHM-HNS			61.63		
83. JAUNPUR JN - JAUNPUR CITY (CHORD LINE)	JNU - JJP			2.20		
84. SHRI MATA VAISHNO DEVI KATRA - REASI -SANGALDAN	SVDK-REAL-SGDN			62.37		
85. PALWAL - PRITHALA				9.14		
86. SANGALDAN - BANIHAL	SGDN - BAML	2.54		48.03		
87. DAULATPUR CHOWK - KARTOLI PUNJAB	DLPC - BAML			10.55		
88. DEOBAND - ROORKEE	DBD - RK			29.55		
	TOTAL			5341.47		
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	0.14			
	TOTAL			260.85		