

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	118.79	0	14.93	0	133.72
50-80 GMT	184.29	234.34	135.44	163.80	281.26	999.13
40-50 GMT	0	7.72	0	226.18	171.31	405.21
< 40 GMT	950.53	1117.52	1714.51	1056.04	954.33	5792.93
TOTAL	1134.82	1478.37	1849.95	1460.95	1406.90	7330.99

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
	NANGAL DAM	NFL
	RUPNAGAR	GGSS THERMAL PLANT & ACC CEMENT PLANT
	DHAPPER	DEFENCE
DELHI	SARAI BANJARA	NPL
	KALANAUR	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.
	PATHANKOT CANTT.	CWC
	KHADUR SAHIB	GBK POWER HOUSE
	SUCHI PIND	IOCL
	MOGA	FCI & NESTLE
	KOTKAPURA	FCI
	KUNDAGANJ	RELINANCE CEMENT
LUCKNOW	SINDURWA	IGFCC
	GAURIGANJ	ACC CEMENT
	UNCHAHAHAR	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)				3.77	
	2. NEW DELHI-GHAZIABAD(UP & DN LINES)	NDLS - TKJ	97.68	97.68	25.56	
		TKJ - SBB	33.90	33.90		
	3. NEW DELHI-TUGHLAKABAD-PALWAL (UP & DN LINES)	SBB - GZB	130.05	125.20	57.68	
		NDLS - TKJ	97.68	97.68		
	"B"	1. DELHI-AMBALA-KALKAA(UP & DN LINES)	TKJ - NZM	45.85	45.85	264.71
			NZM - OKA	83.07	86.59	
		2. DELHI-REWARI(UP & DN LINES)	OKA - TKD	83.07	86.59	81.00
			TKD - PWL	119.95	98.00	
		3. GHAZIABAD-SAHARANPUR				159.59
4. JALANDHAR CITY AVOIDING LINE					3.22	
"C"		5. PT. DEENDAYAL UPADHYAYA - LUCKNOW - JALANDHAR- PATHANKOT (UP & DN LINES)	DLI - SZM	11.68	14.05	1200.46
			SZM - PNP	63.04	65.01	
	6. PATHANKOT-BHAROLI-JAMMU TAWI	PNP - KKDE	57.94	56.18	100.48	
		KKDE - UMB	37.65	45.66		
	7. VYAS NAGAR-JEONATHPUR AND LUCKNOW BYE PASS LINE, UTRAITIA- ALAM NAGAR	UMB - CDG	15.66	15.51	18.98	
		CDG - KLK		31.17		
	TOTAL				87.01	
	TOTAL				87.01	
"D"	1. DELHI-GHAZIABAD	DLI - GHH	63.61	55.58	19.17	
		GHH - RE	33.51	43.36		
	2. GHAZIABAD-HAPUR-MORADABAD	GZB - MTC	26.44	25.50	137.55	
		MTC - SRE	20.65	20.16		
	3. KANPUR-LUCKNOW	DDU - BSB	83.28	55.82	67.93	
		BSB - JNH	28.59	25.14		
	4. VARANASI-ZAFRABAD-SULTANPUR-UTRAITIA	JNH - PBH	24.23		268.12	
		PBH - CIL	30.53			
	5. DELHI-NEW DELHI	CIL - RBL	42.35		2.32	
		RBL - UTR	37.73			
6. DELHI-BATHINDA-FIROZPUR CANTT.	UTR - LKO	64.63	46.09	379.49		
	LKO - BLM	52.21	59.55			
7. JALANDHAR CITY-AMRITSAR	BLM - RAC	47.74	36.81	78.61		
	RAC - SPN	67.37	52.22			
8. JANGHAI-PHAPHAMAU-PRAYAGRAJ	SPN - BE	52.69	55.13	57.88		
	BE - MB	57.60	72.76			
9. LUCKNOW-AYODHYA CANTT.-ZAFRABAD	MB - NBD	30.29	24.93	269.22		
	NBD - MZM	27.29	27.27			
10. PHAPHAMAU-UNCHAHAHAR	MZM - LRJ	27.31	27.41	72.27		
	LRJ - SRE	29.02	29.83			
11. BAREILLY-CHANDAUSI	SRE - LUMB	62.38	55.45	68.21		
	LUMB - RPJ	78.13	73.07			
12. BAREILLY CANTT. LINK	RPJ - SIR	70.44	71.91	2.43		
	SIR - SNL	69.94	79.42			
13. LAKSAR-HARIDWAR	SNL - LDH	36.14	36.23	27.07		
	LDH - PHR	53.55	53.69			
14. LAKSAR AVOIDING LINE	PHR - PGW	57.50	57.88	0.81		
	PGW - JRC	52.21	53.15			
15. BATHINDA-SRIGANGANAGAR	JRC - JUC	53.47	54.78	124.36		
	JUC - SCPD	3.24	2.77			
16. BATHINDA-BYE PASS	SCPD - PTKC	22.85	22.85	5.62		
	PTKC - PTK	0.15	0.19			
17. CHANDIGARH-MORINDA	PTK - BHRL	14.50		44.35		
	BHRL - JAT	13.80	14.29			
TOTAL				1625.41		

GROUP & SECTION WISE ROUTE KILOMETRES SHOWING GMT					
GROUP	SECTION	BETWEEN STATIONS	GMT		KM
			UP LINE	DN LINE	
BG "A"	TOTAL				1625.41
	18. HINDON CABIN-KHANALAMPURA				1.89
	19. LUDHIANA-HISAR	LDH - DUI		9.64	205.44
		DUI - JHL		18.59	
	20. RAJPURA-BATHINDA	JHL - HSR		7.33	172.74
		RJP - DUI		6.87	
	21. RAIPUR HARYANA-SATROD	DUI - BTI		6.20	0.64
	22. SIRHIND-NANGALDAM-UNA HIMACHAL-CHURARU TAKRALA-AMB ANDAURA-DAULATPUR CHOWK	SIR - NLDM		2.73	164.48
		NLDM - UHL		0.00	
23. TAPRI-KHANALAMPURA	UHL - AMB		0.10	1.51	
24. ANAND VIHAR-SAHIBABAD 3rd & 4th LINE	ANVT - SBB	10.56	10.56	5.75	
25. ANAND VIHAR-VIVEK VIHAR				1.12	
26. DELHI SHAHDARA-SHAMLI-TAPRI	DSA - SMQL		20.34	151.00	
27. DELHI CANTT.-PATEL NAGAR	SMQL - TPZ		14.53	38.13	
28. GAL Bet: TUGHLAKABAD-PALWAL		119.95	98.00	1.50	
29. GARHI HARSARU-FARUKH NAGAR	GHH - FN		1.48	11.27	
30. JIND-PANIPAT	JHI - PNP	1.57	0.87	69.38	
31. NARWANA-KURUKSHETRA	NRW - NKDE		2.44	85.86	
32. ROHTAK-GOHANA-PANIPAT	ROK - PNP		0.52	69.50	
33. REWARI-ROHTAK	RE - ROK		3.81	75.00	
34. 2nd YAMUNA BRIDGE-TUGHLAKABAD	(SBB - NZM)	84.90	84.90	12.25	
35. ABOHAR-FAZILKA				42.70	
36. AMRITSAR-ATARI	ASR - ATI		6.75	27.59	
37. AMRITSAR-KHEMKARAN	ASR - KEMK		0.66	78.00	
38. BATALA-QADIAN	BAT - QDN		0.00	20.04	
39. BARAMULLA-SRINAGAR-QAZIGUND-BANIHAL	BRML - QZ		0.00	135.55	
40. BEAS-GOINDWAL-TARAN TARAN	BEAS - GWSB		0.03	50.00	
41. PATHANKOT CANTT.-BHAROLI(CHORD LINE)	PTKC - BHRL	6.52	6.52	2.60	
42. FIROZPUR CANTT.-HUSAINIWALA	FZR - HSW		0.00	8.41	
43. FIROZPUR CITY-FAZILKA	FZP - FKA		0.64	85.04	
44. FIROZPUR CANTT.-JALANDHAR CITY	FZR - LNK		19.40	116.86	
45. JAMMU TAWI-UDHAMPUR-SMV KATRA	LNK - JUC		18.77	53.15	
46. JALANDHAR CANTT.-HOSHIARPUR	JAT - UHP		15.38	25.32	
47. KOTKAPURA-FAZILKA	UHP - SVDK		1.98	38.83	
48. LOHIAN KHAS-NAKODAR-PHILLAUR	JRC - HSX		0.18	80.39	
49. LUDHIANA-FIROZPUR CANTT.	KKP - FKA		0.98	63.67	
50. LUDHIANA-SANEHWAL-NEW MORINDA	LNK - NRO		0.50	0.42	
51. NAKODAR-JALANDHAR CITY	NRO - PHR		0.42	123.40	
52. NAWASHAHAR DOABA-RAHON	LDH - FZR		20.46	71.18	
53. PHAGWARA-NAWASHAHAR DOABA-JAIJON DOABA	LDH - NMDA		1.66	31.90	
54. PATHANKOT-AMRITSAR	NRO - JUC		0.10	7.35	
55. VERKA-DERA BABA NANAK	NSS - RUH		0.00	66.58	
56. AKBARPUR-TANDA	PGW - NSS		0.54	103.91	
57. DALMAU-DARYAPUR	NSS - JJJ		0.00	10.48	
58. AYODHYA CANTT.-CHILBILA & PARTAPGARH-PHAPHAMAU	PTK - BHRL		0.30	46.03	
59. JANGHAI-ZAFRABAD	BAT - VKA		0.03	16.78	
60. JAHANGIRABAD-BARABANKI	VKA - ASR		10.48	23.37	
61. PHAPHAMAU BYE PASS	VKA - DBNK		0.05	16.78	
62. PRAYAG-PRAYAGRAJ SANGAM	ABP - TD		7.71	23.37	
63. RAIBARELI-UNCHAHAHAR	DMW - DYP		0.00	36.27	
64. UNCHAHAHAR-UNNAO	AYC - SLN		1.14	111.66	
65. VARANASI-MUNDUHU DEA	SLN - CIL		0.66	2.84	
66. ALIGARH-CHANDAUSI	PBH - PFM		6.29	83.81	
67. BALAMAU-SITAPUR CITY	JNH - ZBD		7.15	58.34	
68. CHANDAUSI-MORADABAD	PRG - PYGS		0.00	41.69	
69. GAJROULA-MUZZAMPUR NARAIN	RBL - DYP		6.85	93.80	
70. HARIDWAR-DEHRADUN	DYP - UCR		7.67	51.95	
71. KHURJA-MEERUT CITY	UCR - DMW		0.43	89.76	
72. MORADABAD-KASHIPUR	DMW - ON		0.96	3.22	
73. NAJIBABAD-KOTDIWAR	HGJ - CH		1.17	24.00	
74. RAJA KA SHASPUR-SAMBHAL HATIM SARAI	BLM - SPC		0.24	23.16	
75. RAIWALA-RISHIKESH	CH - RJK		10.23	11.69	
76. RAMPUR-KATHGODAM	RJK - MB		15.84	1.47	
77. ROSA-SITAPUR CITY	GJL - MZM		5.06	83.76	
78. UNNAO-BALAMAU	HW - RWL		14.67	98.57	
79. JIND-SONIPAT	RWL - DDN		14.70	80.00	
80. VIRBHADRA-YOG NAGRI RISHIKESH (RISHIKESH- KARAN PRAYAG)	KRJ - HPU		7.93	5.70	
81. ROHTAK-BHIWANI	HPU - MTC		3.50	7.70	
82. ROHTAK-MEHAM-HANSI				32.00	
TOTAL				5144.04	
NG	1. KALKA-SHIMLA(MAIN LINE)	KLK - SML		0.64	96.54
	2. PATHANKOT- JOGINDER NAGAR(MAIN LINE)	PTK - JMKR		0.28	164.31
		JMKR - BJPL		0.28	
TOTAL				260.85	