

SVB has a distinct competitive edge over Vidyasagar Setu, the other river crossing available to freight traffic movement, especially for traffic coming from National Highways on Howrah side and going towards NH-34/35, Barasat, north and central Kolkata. Compared to the cost of traveling on SVB the cost of traveling via Vidyasagar Setu will be 60 per cent costlier for this desire pattern. The major advantage is the availability of SVB as a route choice throughout the day avoiding the congested city roads.

When the proposed toll rates are compared with vehicle operating cost (VOC) and travel time cost (TTC) savings along SVB with respect to alternative routes, the toll rates on SVB are in the proposition for different vehicle categories as presented below.

Vehicle type	In VOC savings	In both VOC and TTC savings
Cars	19.9 – 94.0 %	6.4 – 58.0%
LCVs	15.0 – 84.0 %	12.0 – 71.0%
HCVs	12.0 – 45.0%	11.0 – 38.0%
MAVs	14.0 – 58.0%	12.0 – 49.0%

On an average the proposed toll rates are less than 40 per cent of the total cost savings for cars travelling on SVB viz-a-viz the alternate river crossings for various O-D pairs, while for freight vehicles the proposed toll rates are less than 50 per cent of the total cost savings.

Savings in Road User Cost along SVB for Freight Vehicles

S.No	O-D Pair	Route through	Distance (Km)	Savings on SVB (Rs)			Cost compared to SVB (x times)		
				LCV	HCV	MAV	LCV	HCV	MAV
1	NH2/NH6 Jn. - Bara Bazaar	a) Second Vivekananda Bridge	14.5	-	-	-	-	-	-
		b) Vidyasagar Bridge	36.5	86	274	296	1.3	1.4	1.2
2	NH2/NH6 Jn. - Airport/Rajarhat	a) Second Vivekananda Bridge	12.7	-	-	-	-	-	-
		b) Vidyasagar Bridge	52.8	417	951	1045	3.3	3.4	3.1
3	NH6/NH6 Jn. - NH34-35/Barasat	a) Second Vivekananda Bridge	22.3	-	-	-	-	-	-
		b) Vidyasagar Bridge	64.8	456	1002	1108	2.3	2.1	1.9
4	NH6/NH117 Jn. - Chitpur/ Shyam Bazar	a) Second Vivekananda Bridge	27.0	-	-	-	-	-	-
		b) Vidyasagar Bridge	24.7	135	281	280	1.4	1.4	1.4
5	NH6/NH117 Jn. - NH34-35/Barasat	a) Second Vivekananda Bridge	36.6	-	-	-	-	-	-
		b) Howrah Bridge	46.1	504	927	979	1.9	1.8	1.8
6	Howrah - Airport/Rajarhat	a) Second Vivekananda Bridge	16.9	-	-	-	-	-	-
		b) Vidyasagar Bridge	29.0	71	288	281	1.4	1.3	1.2
7	Howrah - NH34-35/Barasat	a) Second Vivekananda Bridge	27.7	-	-	-	-	-	-
		b) Vidyasagar Bridge	41.0	90	329	324	1.3	1.2	1.1
8	Palsit - Duniop	a) Second Vivekananda Bridge	72.0	-	-	-	-	-	-
		b) Kalyani Bridge	92.0	1246	598	2900	1.3	1.3	1.5
9	Palsit - Shyam Bazar	a) Second Vivekananda Bridge	77.0	-	-	-	-	-	-
		b) Kalyani Bridge	97.0	1493	598	3197	1.3	1.3	1.5

Savings in Road User Cost along SVB for Cars

S.No	O-D Pair	Route through	Distance (Km)	Savings on SVB (Rs)	Cost compared to SVB (x times)
1	NH2/NH6 Jn. - Bara Bazaar	a) Second Vivekananda Bridge	14.5	-	-
		b) Vivekananda Bridge	14.5	1.1	1.1
		c) Howrah Bridge	14.8	1.3	1.3
2	NH2/NH6 Jn. - Airport/Rajarhat	a) Second Vivekananda Bridge	12.7	-	-
		b) Vivekananda Bridge (Belgharia Expressway)	12.7	1.2	1.2
3	NH6/NH117 Jn. - Airport/Rajarhat	a) Second Vivekananda Bridge	27.0	-	-
		b) Vivekananda Bridge	27.0	1.1	1.1
		c) Howrah Bridge	33.8	3.2	3.2
		d) Vidyasagar Bridge	38.5	1.9	1.9
4	NH6/NH117 Jn. - Chitpur/ Shyam Bazar	a) Second Vivekananda Bridge	27.0	-	-
		b) Vivekananda Bridge	26.3	1.6	1.6
		c) Howrah Bridge	26.6	2.4	2.4
		d) Vidyasagar Bridge	24.7	1.9	1.9
5	Howrah - Dunlop/ Dakshineswar	a) Second Vivekananda Bridge	11.2	-	-
		b) Vivekananda Bridge	11.4	1.0	1.0
		c) Howrah Bridge	10.3	1.1	1.1
6	Howrah - Airport/Rajarhat	a) Second Vivekananda Bridge	16.9	-	-
		b) Vivekananda Bridge	17.1	1.0	1.0
		c) Vidyasagar Bridge	29.0	1.3	1.3
		d) Howrah Bridge	12.8	1.3	1.3