

What can you get for the cost of an flyover (overpass in US English)?

Jacob Teter 15 April, 2018



Flyover / overpass costs

Times of India:



News » City News » Delhi News » Flyover finished at less than project cost, before deadline

US-based estimates:

1-5 million USD (simple overpass)

7.1 million USD "simple flyover"

15-21 million USD (major flyover)

32 million USD (3-level flyover)

Sources:

www.cityofws.org/portals/0/pdf/transportation/formsreports/studies/lewisville roads study app d.pdf

2.7 million USD / lane-mile

Sources: http://www.vtpi.org/WSDOT HighwayCosts 2004.pdf

Flyover finished at less than project cost, before deadline



Mayank Manoharl Nov 10, 2015, 23:45 IST



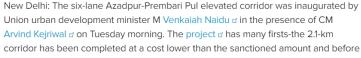




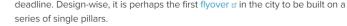










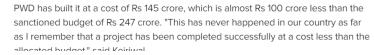














Originally budgeted at 247 crore Rs≈ 36.6 million USD

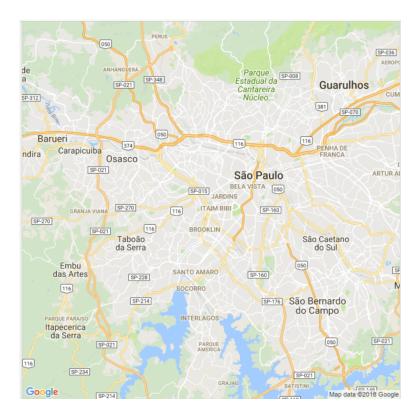
Overpass costs vary widely, depending on site conditions, materials, number of lanes, labor costs...

What else could you afford?



Choose a city: Delhi, Kolkata, Nairobi, Veracruz, Sao Paulo, Odesa, Nanjing, Chisinau

- Describe your city:
 - Population; main districts; main industries and commercial areas, residential areas & workplaces
 - Commuting & mobility patterns; modal split
 - Main negative externalities of transport
- Propose a sustainable transport plan:
 - Where will you invest your budget?
 - How will it improve the quality of life and economic activity in the city?
 - What negative impacts of transport does it address, and how?
 - How will you convince city leaders to endorse, fund and champion your plan?
 - What advice can you give your city leaders on how to convince a skeptical public that your plan benefits them (or at least that it is in the public interest)?



What else could you afford?

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- There is a wide range of alternatives...
- Use this list as inspiration, but feel free to adopt country-specific costs, as long as you can find a citation, and defend the less expensive options as good choices to city officials and citizens alike
- Tomorrow morning, we will have a panel of distinguished judges provide critical feedback and award a winner



Dirk



Neil



Antoine

			No. of		
	Intervention	Unit cost	Units	units	Cost (US\$)
111	Underground metro rail	\$200,000,000	Per km		\$0.00
	Elevated metro rail	\$150,000,000	Per km		\$0.00
	Elevated light rail	\$100,000,000	Per km		\$0.00
	At-grade light rail	\$50,000,000	Per km		\$0.00
	Bus rapid transit	\$5,000,000	Per km		\$0.00
	Greenway	\$300,000	Per km		\$0.00
	Footpath upgrade	\$75,000	Per km		\$0.00
P	On-street parking system	\$200,000	Per km		\$0.00
ERP	Congestion pricing	\$5,000,000	Per km²		\$0.00
	Traffic calming infrastructure	\$150,000	Per km		\$0.00
	Car-free day event	\$20,000	Per major neighborhood per year		\$0.00
N	Bicycle sharing system	\$20,000	Per station (10 bikes per station)		\$0.00
YVV	Bicycle distribution program	\$200	Per bicycle distributed		\$0.00
TIC(Cycle way infrastructure	\$100,000	Per km		\$0.00
	Bicycle parking infrastructure	\$1,000	Per station (10 bicycle capacity)		\$0.00
	New clean diesel bus fleet (12-m vehicles)	\$100,000	Per bus		\$0.00
원단경(12 전기이스 12 Hardy has	New electric buses (12-m buses)	\$350,000	Per bus		\$0.00
7	Modern pedicab program	\$800	Per pedicab		\$0.00
				Total	\$0.00
			Remaining budget		\$50,000,000

