

Vehicle Name Index	Abbr	
Light Rail Vehicle	LRV	
Hybrid-Diesel Electric	HDE	(None for Public Use)
Standard Diesel Coach	SDC	
Electric Trolley-Flyer	ETF	
Electric Trolley- ETI	ETI	
CNG	CNG	(None)
Cable Cars	CC	
Historic Fleet	HF	
Other	Oth	(None)

Specifications and Data	LRV	HDE	SDC	ETF	ETI		CNG	CC	HF	Othe
					Standard	Artic				
average new purchase cost per coach	\$2,800,000.00		\$319,781		\$556,336	\$812,750		\$300,000		
average weight per coach	80,000lbs		40,600 lbs		31,510 lb	48,227 lb		16000		
propulsion system: ie gas, diesel, cng, electric,etc	Electric		Diesel	Electric	Electric	Electric		Electric		
horsepower of propulsion system	600 HP		330 HP		241	two - 241		470		
average lifespan	30 years		14 years	15 years	20 Yr	20 Yr		75 yrs		
average seating capacity	62 seated + 158 standing		38		41	54		30-34		
average maintenance intervals	Weekly		6,000 miles		Every 6000 miles	Every 6000 miles		3 days		
average maintenance costs per lifespan	\$2,500,000.00		\$1,197,298							
average maintenance costs per year	\$83,333.33		\$85,521							
average maintenance cost per mile	\$2.08		\$2.14							
average operator costs per mile			\$2.70							
average fuel or electrical costs per mile			\$0.82							
average emissions per mile	0			0	0	0		0		
average operating costs per mile-direct expenses			\$2.59							
average operating costs per mile-indirect expenses			\$2.05							
avg sum of all required infrastructure costs per mile (ie: roadwork, electric lines, rails, lights, signs, paving, utilities relocation, paving, computer systems, etc...)			~\$50k/mile							
average insurance costs per mile/per year			N/A							
average loss/gains of parking spaces per mile			20 loss							
average loss/gains of vehicular traffic lanes per mile										
can coach/trolley operate during power outages? ( yes or no)	no		yes	no	No	No		No		
can coach/trolley be added without major infrastructure upgrades?	no		yes	no	yes (to Exist. System)	yes (Exist. System)		No		
average passenger costs per ride			\$0.90		\$1.25	\$1.25		\$3.00		
average passenger costs per mile (cost to passenger) Cost to MUNI would be= \$62.32)			\$0.15		\$0.20	\$0.20		\$1.00		
rate ridership frequency/density ( 1=lowest, 9= highest)			7	9	9	9		8		
average revenue per coach/trolley per month, or										
rate gross revenues per coach/trolley... ( 1= lowest, 9 = highest)			6	8	9	9		9		
rate crime frequency per mile ( 1=lowest, 9= highest)					1	1		1		
rate ridership volume by supervisorial districts(ie:Dist 8/8, or D9/1, etc)										
average ridership volume per month by district (ie: D7/10k/monthly, etc...)										
rate average ages of coach/trolleys in service ( 1= youngest, 9 = oldest)			3	9	1	1		5		
rate national average uses of coach/trolleys ( 1=least used, 9=most used)				9	3	3		6		
rate state average uses of coach/trolleys ( 1=least used, 9=most used)				9	4	4		6		
rate state grants awarded ( 1=least awarded, 9 = lmost awarded)					9	9		9		
rate local grants awarded ( 1=least awarded, 9 = most awarded)					9	9		9		
rate revenue efficiency of coach/trolleys ( 1=lowest, 9= highest)			5		9	9		9		

\$ 13.71

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