

# Benefit - Cost (Value of Benefits)

Summary Economic Impact **Benefit - Cost** Financial Impact Tracing / Validation Freight VIA

Graphics Benefit-Cost Overview **Value of Benefits** Cost and Net Benefits Environmental Grant Report Performance Metrics

Value of Benefit Stream by Year Value of Benefit Stream by Mode

3% Discount Rate

**Value of Benefit Stream by Year - 3% Discount Rate (\$M)**

Data Year	(A) Traveler Benefits (\$M)		(B) Traveler Benefits (non-\$M)			(C) Shipper/ Logistics Cost (\$)	(D) Business Productivity (\$)	(E) Social/ Environ. (non-\$)	Total Benefits
	Vehicle Operating Costs	Business Time & Reliability Costs	Value of Personal Time & Reliability	Safety Cost	Additional Consumer Surplus				
2028	-47.4	46.6	97.8	-65.8	0.0	1.0	0.0	-8.4	24.0
2029	-44.5	44.8	94.5	-61.8	0.0	1.0	0.0	-8.0	26.0
2030	-41.7	43.0	91.2	-58.0	0.0	0.9	0.0	-7.6	27.9
2031	-39.0	41.3	87.9	-54.3	0.0	0.9	0.0	-7.2	29.7
2032	-36.4	39.6	84.8	-50.8	0.0	0.9	0.0	-6.9	31.3
2033	-34.0	38.0	81.7	-47.4	0.0	0.9	0.0	-6.5	32.8
2034	-31.6	36.4	78.7	-44.1	0.0	0.9	0.0	-6.1	34.1
2035	-29.3	34.8	75.8	-41.0	0.0	0.8	0.0	-5.8	35.4
2036	-27.1	33.3	72.9	-38.0	0.0	0.8	0.0	-5.4	36.5
2037	-25.0	31.8	70.1	-35.1	0.0	0.8	0.0	-5.1	37.5
2038	-23.0	30.4	67.3	-32.3	0.0	0.8	0.0	-4.8	38.4
2039	-21.1	29.0	64.7	-29.6	0.0	0.8	0.0	-4.4	39.2
2040	-19.3	27.6	62.0	-27.1	0.0	0.8	0.0	-4.1	39.9
2041	-17.5	26.3	59.5	-24.7	0.0	0.7	0.0	-3.8	40.6
2042	-15.8	25.0	57.0	-22.3	0.0	0.7	0.0	-3.5	41.1
2043	-14.2	23.8	54.5	-20.1	0.0	0.7	0.0	-3.2	41.6

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3% Discount Rate

**Value of Benefit Stream by Mode - 3% Discount Rate (\$M)**

Mode - Purpose	(A) Traveler Benefits (\$M)		(B) Traveler Benefits (non-\$M)			(C) Shipper/ Logistics Cost (\$)	(D) Business Productivity (\$)	(E) Social/ Environ. (non-\$)	Total Benefits
	Vehicle Operating Costs	Business Time & Reliability Costs	Value of Personal Time & Reliability	Safety Cost	Additional Consumer Surplus				
Passenger Car - Business	-15.8	134.9	0.0	-24.7	0.0	0.0	0.0	-3.0	91.3
Passenger Car - Commute	-135.8	452.4	452.4	-210.6	0.0	0.0	0.0	-26.1	532.3
Passenger Car - Personal	-306.5	0.0	985.8	-481.4	0.0	0.0	0.0	-57.7	140.3
All Trucks - Freight	-57.8	65.7	0.0	-5.4	0.0	16.8	0.0	-15.3	4.1
<b>Total</b>	<b>-515.9</b>	<b>653.0</b>	<b>1,438.2</b>	<b>-722.1</b>	<b>0.0</b>	<b>16.8</b>	<b>0.0</b>	<b>-102.1</b>	<b>767.9</b>