

Transportation Economics

Autocase Economic Advisory supports the transportation sector by utilizing the latest peer-reviewed research, trustworthy data, and drawing on our decades-long experience. Autocase Economic Advisory is the economic consulting stream of Autocase. Our team of experienced consultants has conducted economic analyses on over \$100 billion worth of projects and successful grant applications, our expertise in Transportation is concentrated in:

Economic Analyses

- Capital Investment Planning Valuation and Prioritization
- Carbon Life Cycle Analysis
- Cost-Benefit Analysis (CBA)
- Cross Asset Strategic Planning
- Econometric Modeling
- Economic Impact Analysis (EIA)
- Environmental, Social & Governance Analysis
- Financial Lifecycle Cost Analysis
- Geospatial (GIS) Impact Evaluation
- Grant Application Support
- Life Cycle Cost Analysis (LCCA)
- Multicriteria Decision Analysis (MCDA)
- Real Estate Economic Analysis
- Regulatory Economic Analysis
- Resilience Analysis with Climate Change
- Risk Analysis

Sector Knowledge

- Complete Streets
- Fleet Electrification
- Freight Rail Alternatives Analysis
- Highway and Roadway Development
- Intermodal and Transload Infrastructure
- Multimodal Transit
- Port Infrastructure
- Regional Economic Development
- Transportation Master Planning

Valuation Methods

- Ecosystem Services & Natural Capital
- Input-Output Multipliers
- Macroeconomic Indicators
- Microeconomics/Welfare Economics
- Probabilistic Risk Analysis/Monte Carlo



Quantify

- AADT
- Accidents Reduced
- Cars on Road (VMTs)
- Increased Reliability
- Reduced Congestion
- Tons of Carbon



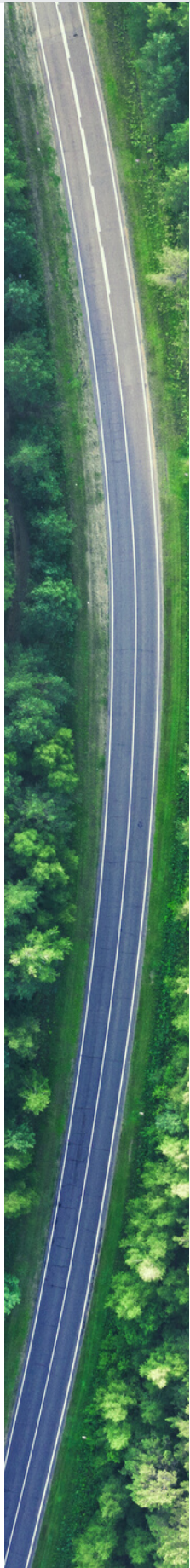
Value

- Accident Damages
- Social Cost of Carbon
- Fuel Savings
- Health Costs
- Toll Revenues
- Travel Time Savings



Communicate

- Case Studies
- KPIs
- Literature Reviews
- Methodology Reports
- Technical Reports
- Stakeholder Seminars



Trusted by Industry



Engaged by the Capital Metro Transportation Authority to provide a multimodal transportation alternatives analysis using a cost benefit analytical framework for the North Central Corridor in Austin, Texas. Autocase economic Advisory quantified and valued the societal benefits and costs of four proposed alternatives with various alignments and modes of bus and commuter rail transit investments. Capital Metro used the results to prioritize investments to help select the locally preferred alternative.



Engaged by the City of Saint Paul, Minnesota to conduct a cost benefit analysis of transportation master planning alternatives for a major urban redevelopment project. Transit investments included increased frequency of bus service, new roadway alignments, signalling, complete streets, traffic calming measures, recreational areas, and pedestrian and bike pathways. Results enabled the City to understand which transit alternatives contributed the greatest financial, social, and environmental benefits. Visit [our case study](#) for more detail on this project.



Engaged by the Port of Long Beach, California, Autocase Economic Advisory is proud to have supported the successful competitive-based grant funding application for the East Basin Rail Fourth Track Expansion, resulting in \$8 million in funding from the Trade Corridor Expansion Program. Our economists improved and broadened on a previous unsuccessful CBA by incorporating new societal and environmental benefits and methodologies with respect to commercial and shipper benefits, as well as non-recurrent congestion reduction on highways due to reduced truck accidents. Visit [our blog](#) for more detail on this project.



Engaged by the City of Ottawa, Autocase Economic Advisory developed the cost of travel modeling to support the policy development and planning for the City's updated Transportation Master Plan. Modeling analyzed standard categories and innovated on parking, road construction, air pollution, health outcomes, and considerations for living and total transit costs across various neighborhoods in the City.

Visit our website for more [project experience](#) and [case studies](#).

About Us

Our team of professional economists conducts rigorous, evidence-based economic analyses of the financial, social, and environmental costs and benefits of sustainable and resilient investments in the infrastructure, real estate, public policy and regulatory worlds.

Our economic analyses help you prioritize investments, understand risks, develop strategic plans, report Environmental, Social, and Governance (ESG) metrics, secure funding, communicate with stakeholders, support climate equity, and understand the holistic trade-offs of your investments and policies. We provide objective, third-party, data-driven quantitative insights to support you.



Interested in our services? Contact us at:

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