

INPUT DATA FOR ECONOMIC IMPACT ANALYSIS

Project Costs

For each facility type (road, rail, air, and water) associated with the modes specified for the alternatives being analyzed expenditures can be entered in one of two ways.

Basic Method (Spread Out Equally Across Years)

Total Construction Costs	From project-specific estimates
Annual Maintenance and Rehabilitation	

Advanced Method (Annual Costs Specified by Year)

Property Acquisition	Can be based on statewide averages per mile or project-specific estimates
Engineering and Design	
Right of Way (Paving, Track, etc.)	
Construction of Structures	
Acquisition of Vehicles	
Ongoing Operations	
Maintenance and Rehabilitation	

Travel Characteristic Inputs

For at least two years, enter the travel characteristics from the table below for each mode, trip purpose, and timing period category defined for the alternative being analyzed.

Required Characteristics

Veh-Trips	From Travel Model, Simulation, or Sketch Planning
VMT	
VHT	
Transit Pass-Trips (if transit modes)	
Transit In-Vehicle PHT (if transit modes)	
Transit Out-of-Vehicle PHT (if transit modes)	

Optional Characteristics

Fraction of Miles Congested	From Travel Model, Simulation or Sketch Planning
Buffer Hours per Trip	
Fraction of trips: internal	
Fraction of trips: incoming	
Fraction of trips: outgoing	
Fraction of trips: through	
Avg Fare Per Passenger Trip	
Avg Charge per Veh-Mile	
Avg Toll Per Vehicle Trip	

Characteristics with Default Values

Avg Crew Members per Veh	From Various Transportation Data Sources or Planning Assumptions and Models
Avg Passengers per Veh	
Avg Freight Tons per Veh	
Property Damage Accidents per 100M VMT	
Injuries per 100M VMT	
Fatalities per 100M VMT	
Fuel Price	
Federal Fuel Tax	
State Fuel Tax	

Contingent Development Inputs:

If specific employers have been identified who will locate near the project location only if the project is completed, these new jobs or output can be entered in any of 536 sectors.

Access Inputs: Applicable for projects affecting market access or connectivity

Avg Time to Rail Freight Terminal (minutes)	Optional: From Network Skims
Avg Time to Rail Pass. Terminal (minutes)	
Avg Time to Air Terminal (minutes)	
Avg Time to Waterway Terminal (minutes)	
Avg Time to Int'l Air Gateway (minutes)	
Avg Time to Int'l Border Crossing (minutes)	
Local Market Size (TAZ pop within 40 min)	
Regional Market (TAZ emp within 3 hrs.)	