



# Tolling

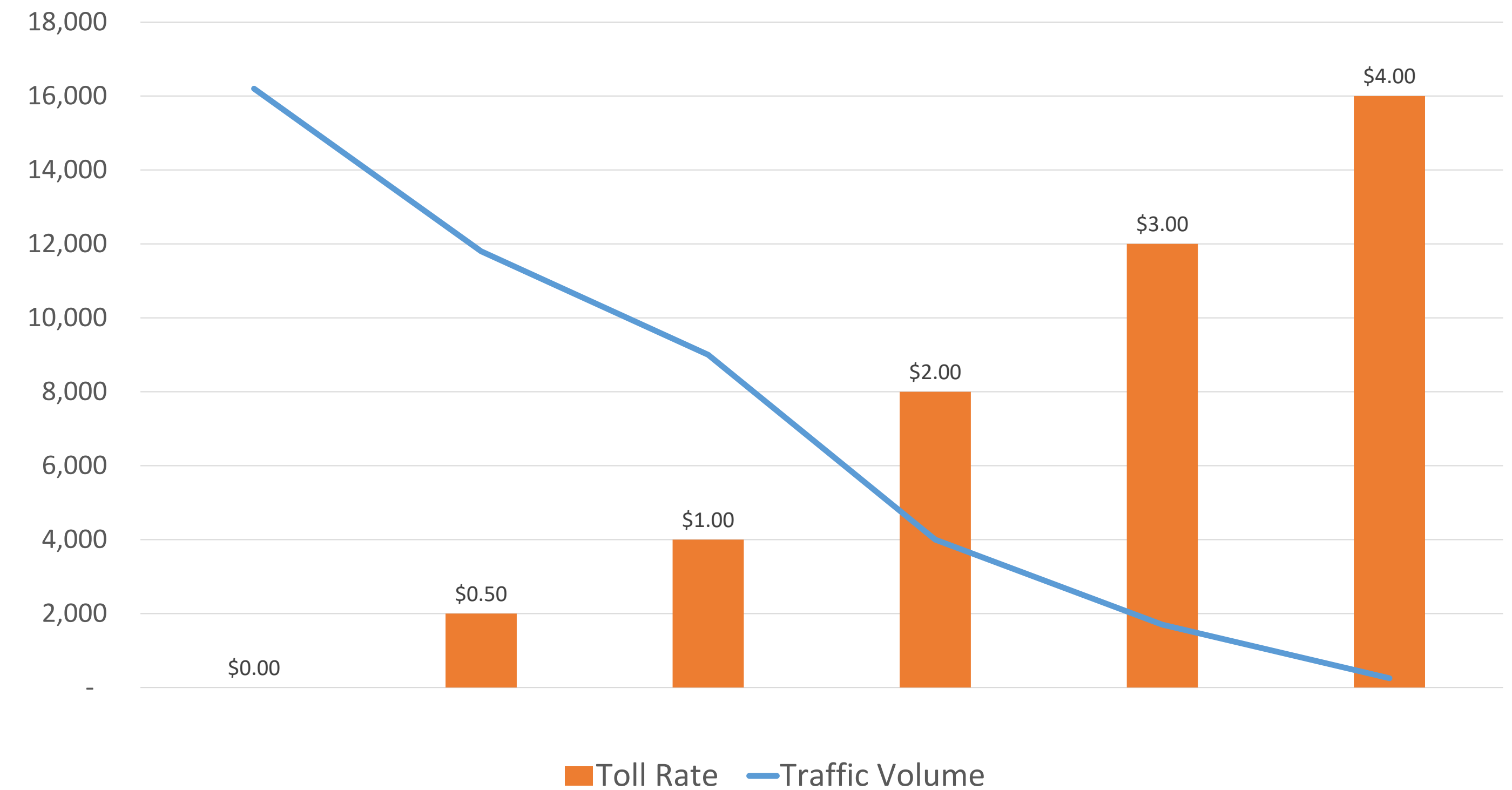
## BENEFITS

- Manages traffic flow by causing people to consider the toll cost before choosing a route for their trip
- Provides revenue to pay for the bridge

## TYPES OF TOLL COLLECTION SYSTEMS

- 1. Cash** – Motorist drives up to a staffed toll booth, stops and pays cash. Average administration cost of \$1.06 per transaction. Toll authorities moving away from cash tolling due to high cost.
- 2. Electronic Toll Collection (ETC)** – Motorist has a transponder in their car and drives through the reader at normal speed. The toll system automatically charges the motorist’s account.
  - Transponders cost about \$5 each and can be moved between vehicles.
  - ETC costs about \$0.18 per transaction
  - License Plate Recognition used for those without transponders. When such a vehicle goes through an image of the license plate is collected. The vehicles registered owner is sent a notice including a photo. If toll charges are not paid they are added to registration.

## TOLLING EFFECT ON TRAFFIC



Traffic and Revenue Scenarios			
Scenario	Traffic (# of vehicles)	Toll Range (based on time of day)	Annual Revenue (2027)
Low Traffic	3,000/day; max of 200/hour	\$1.50 - \$3.50	\$3.6 million
Moderate Traffic	4,000/day; max of 300/hour	\$1.25 - \$3	\$4.1 million
High Traffic	6,000/day; max of 600/hour	\$1.25 - \$2	\$7.4 million