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- TEXTBOOK -

**Planning: Travel behaviour responses and
transport modelling**

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Aims

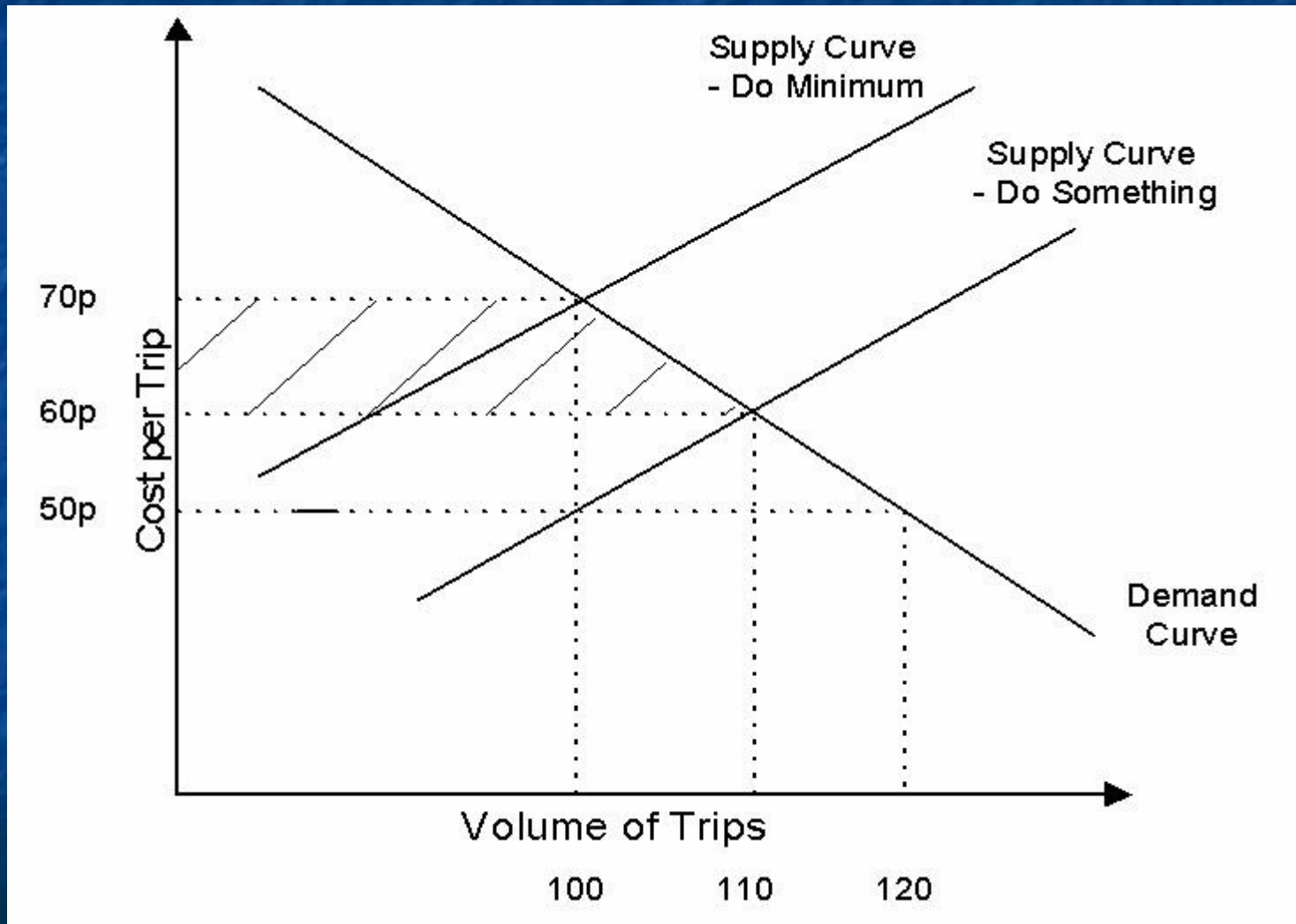
- Understanding & monitoring behavioural responses to transport schemes
- Understanding the economic principles of supply and demand for the assessment of transport schemes
- Techniques for representing behavioural response in transport models
- Describing new travel demand modelling approaches
- Applying the right model to the right situation

Contents

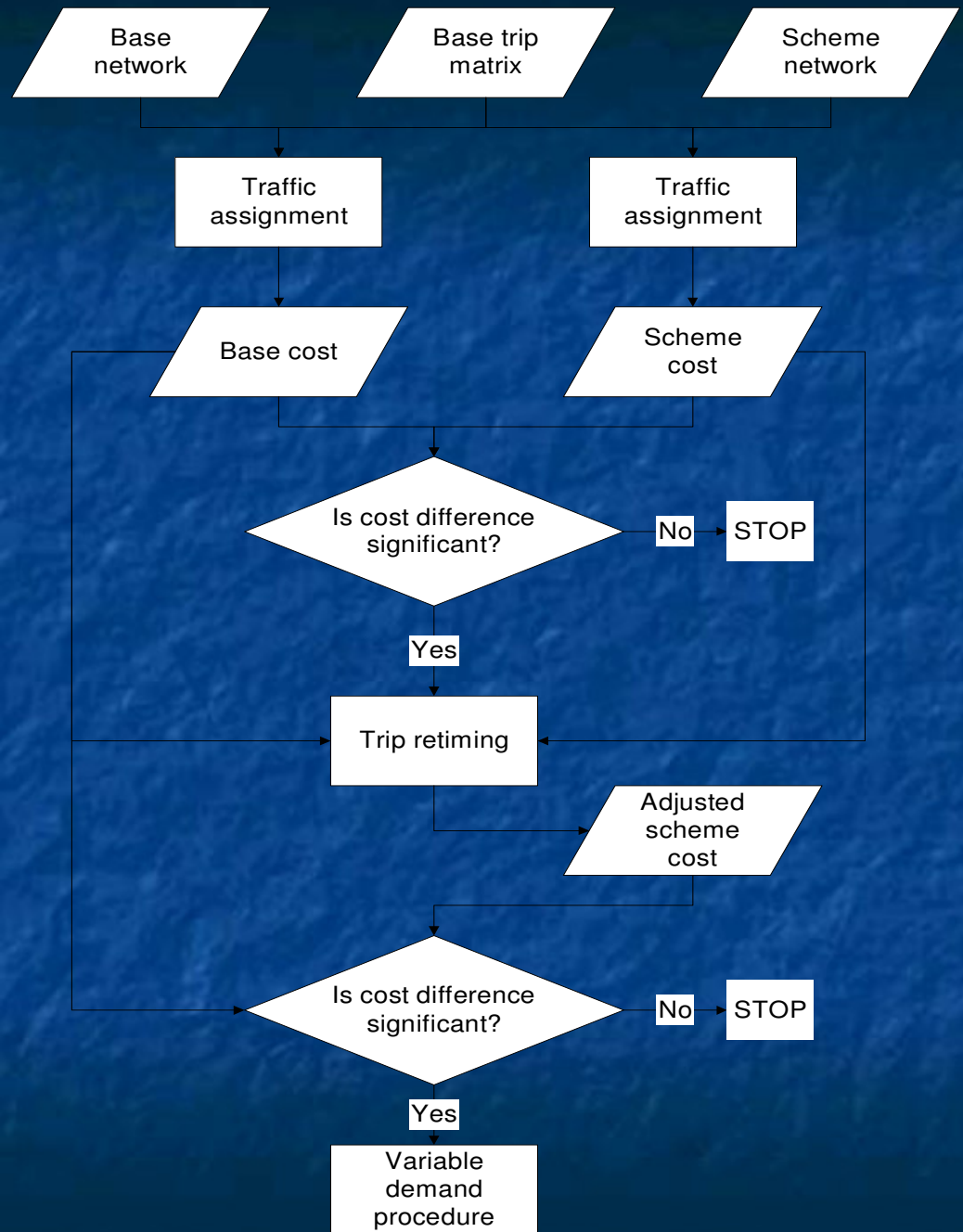
- Economic theory of supply & demand
- Studies on induced & disappearing traffic
- Variable demand modelling
- Land use/transport interaction models
- Activity based models
- Dynamic modelling

Can removing roads make traffic disappear?

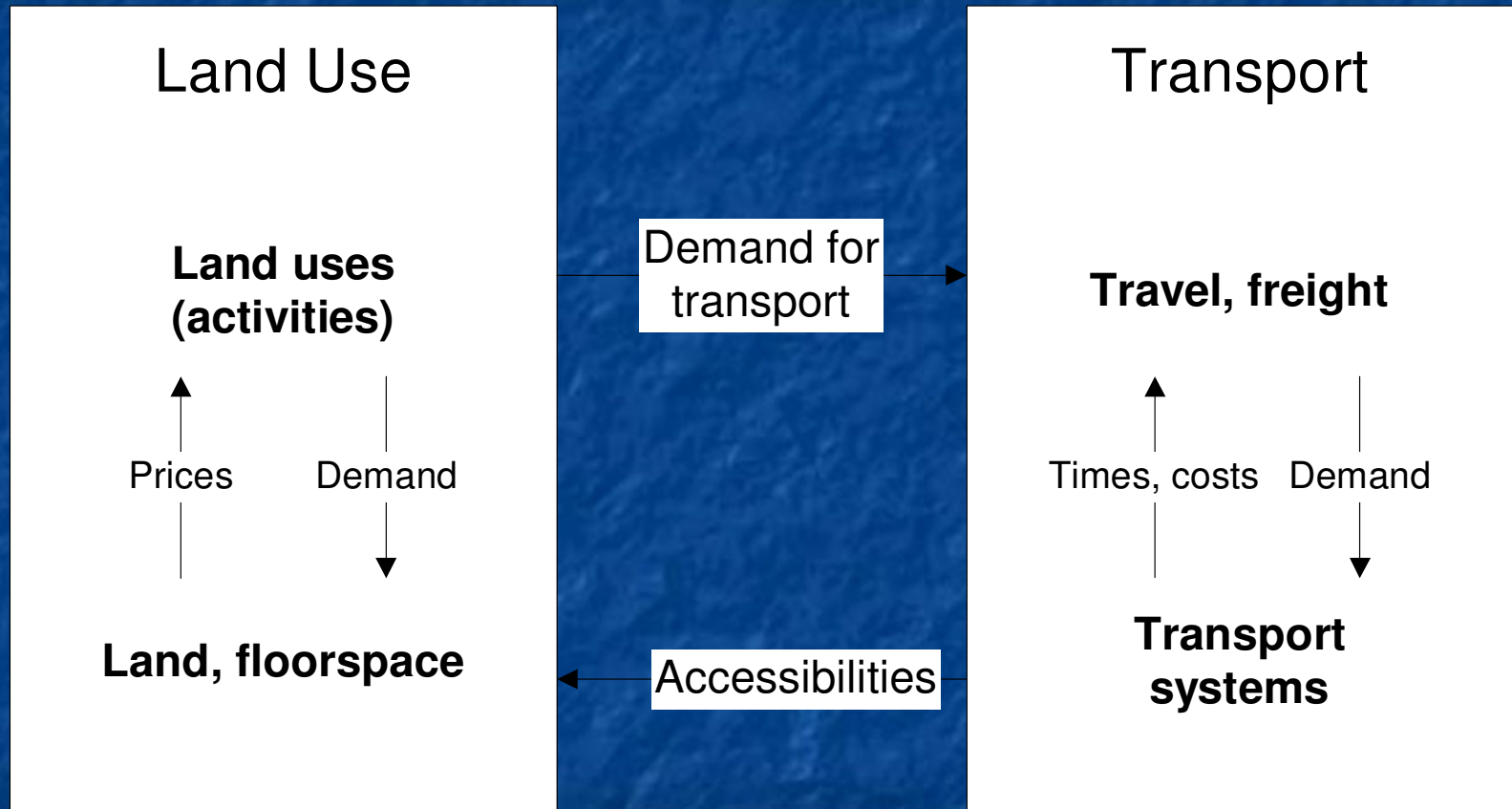
Variable demand with congestion from generated traffic



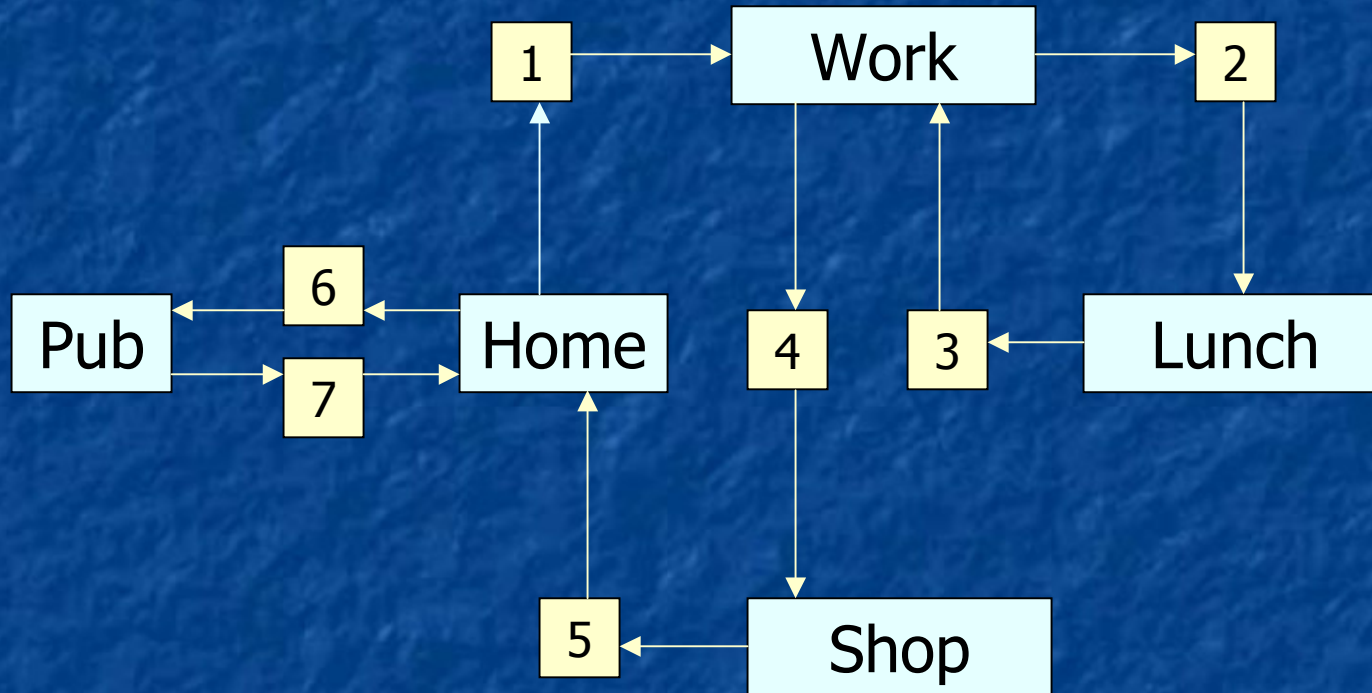
Modelling approach for road capacity reduction schemes



Relationship between landuse & transport



Activity based models



Central London Congestion Charging

