

Vehicle Kilometers Travelled linkage to home and attraction

TransLink
April 2024

VKT linkage to home and attraction

- The RTM VKT results are based on the trips' origin and destination, i.e., VKT is attributed to trips' start and end
- Growing interest in the linkage of VKT to the home and attraction (e.g., workplace) TAZ

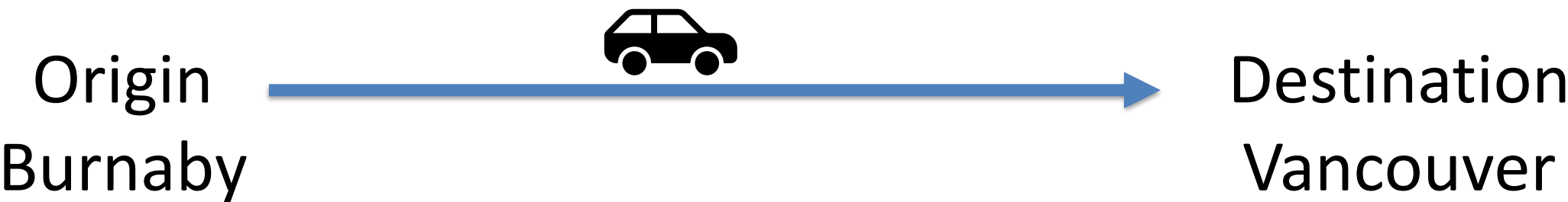


Together all the way

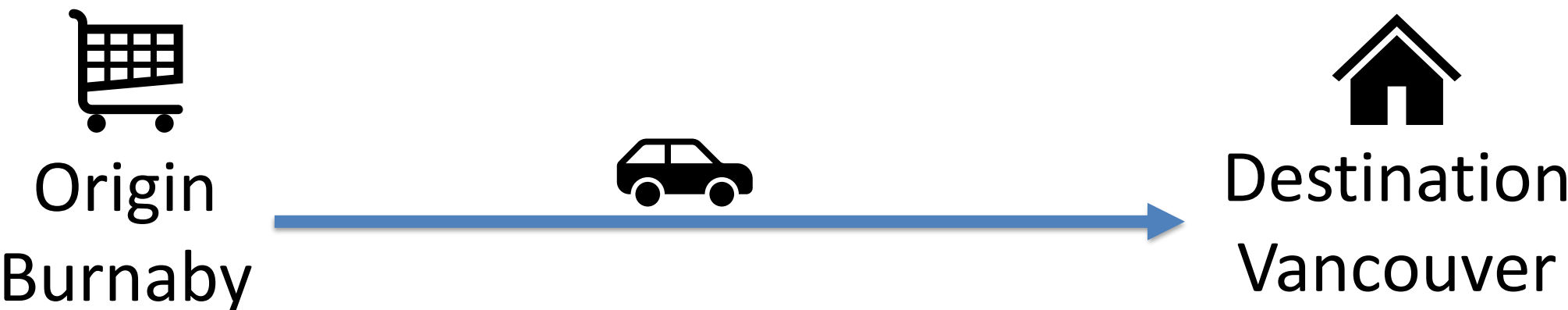


VKT linkage to home and attraction

Before

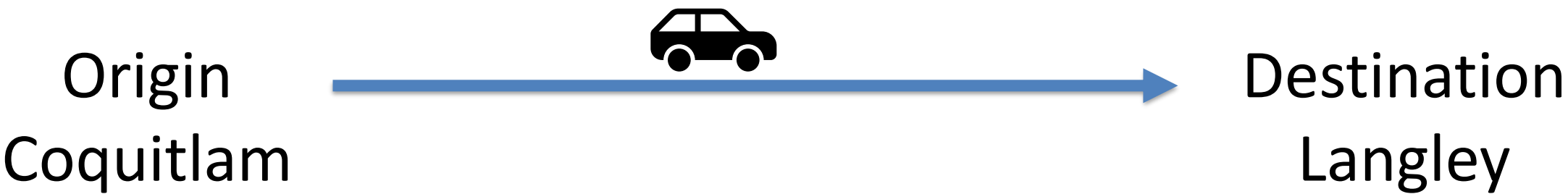


After

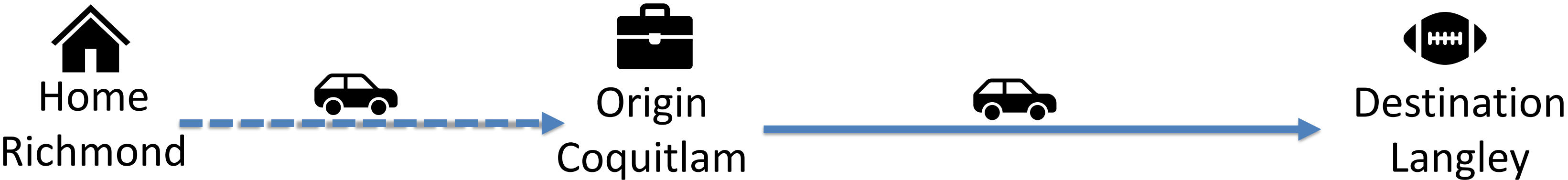


VKT linkage to home and attraction

Before



After



VKT linkage to home and attraction

- Sample of projects that benefit from this tool are:
 - Emissions created by TAZ residents
 - Commute VKT attributed to workplace location
 - Prioritizing EV stations based on TAZ residents with high VKT and TAZ attractions with high VKT users



Together all the way



Park and Ride Modeling Enhancements

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Park and Ride Modeling Enhancements

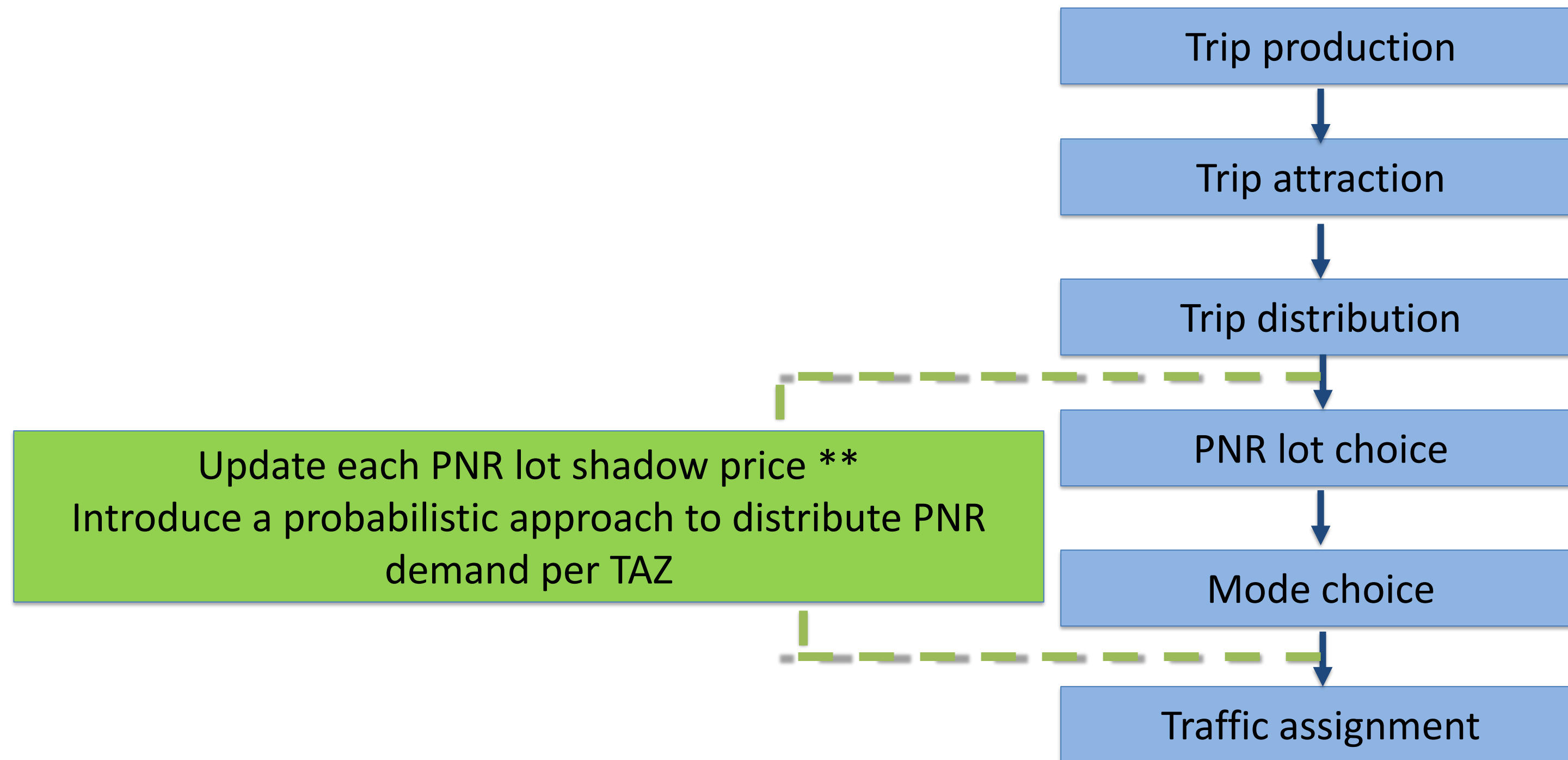
- Issues addressed:
 - RTM allows PNR facilities to go over capacity
 - TAZ residents can choose only one PNR facility



Together all the way



Park and Ride Modeling Enhancements



** stop when overflow lot demand matches the capacity



Together all the way

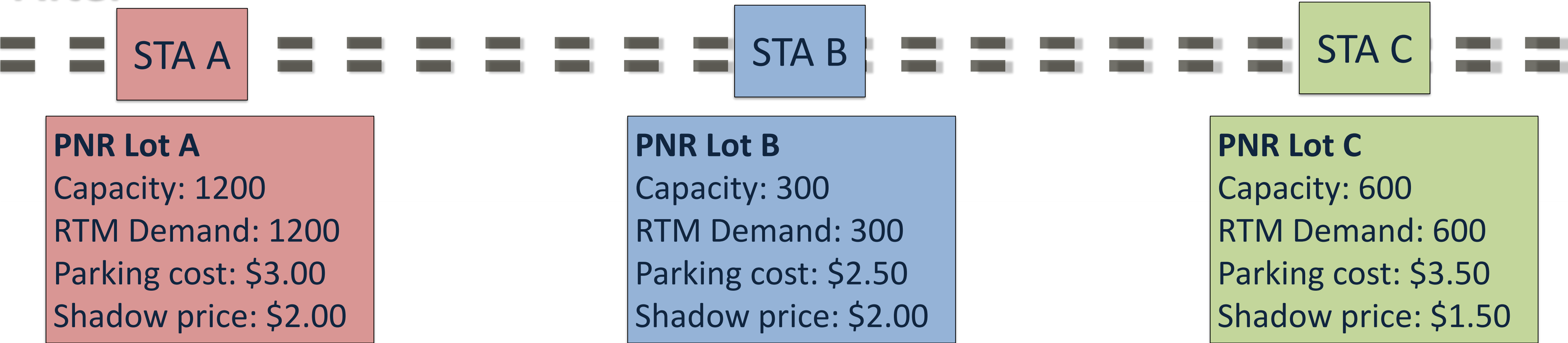


Park and Ride Modeling Enhancements

Before

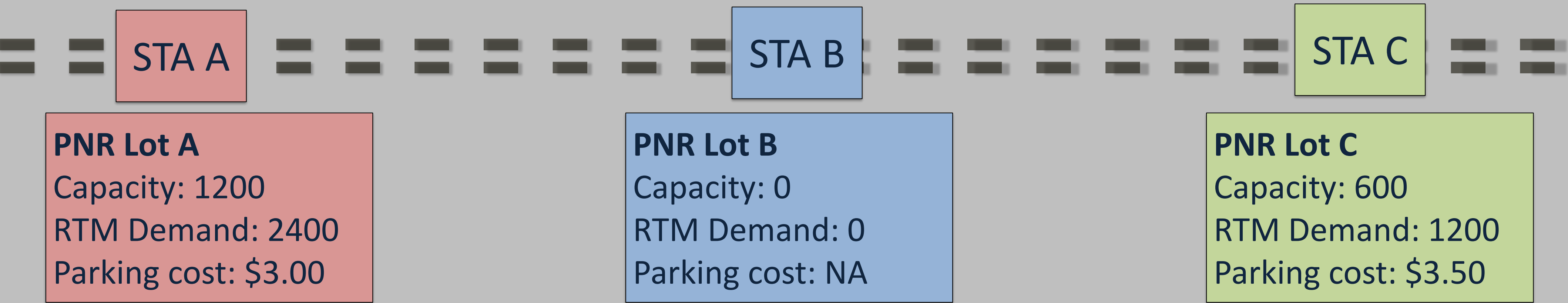


After

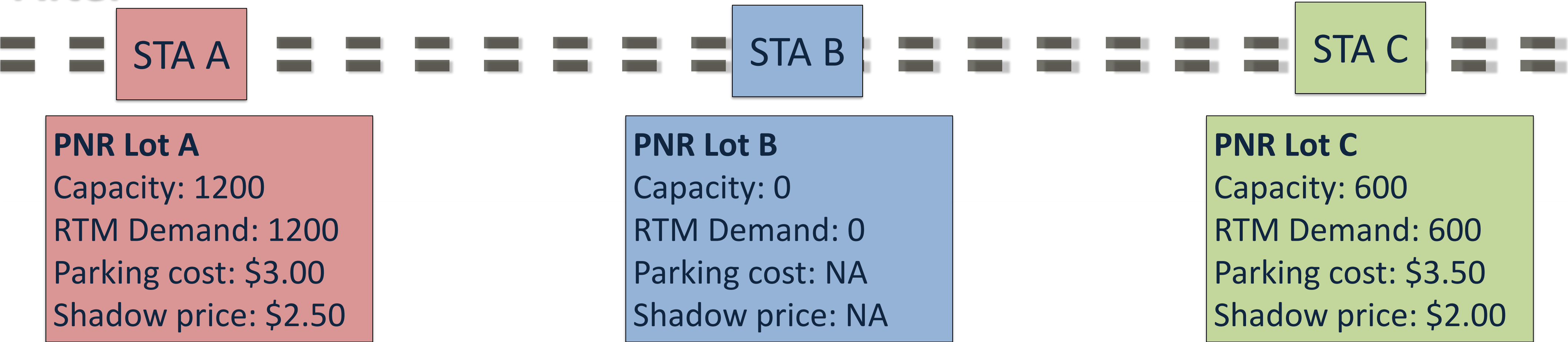


Park and Ride Modeling Enhancements

Before



After



Park and Ride Modeling Enhancements

- Sample of projects that benefit from this tool are:
 - Study PNR lot pricing
 - Investigate PNR lot capacity impact on travel behavior



Together all the way

