

Value of Time in Transit: In-Vehicle vs. Out-of-Vehicle

Related to Option 4 – Subway Alignment Coterminus with Approved Dallas High-Speed Rail Station – in Dallas Alignment Whitepapers

- Estimated time for passengers to transfer between train at elevated platform (approximately 75 feet above grade) and subway train at tunnel platform (100+ feet below grade) is 20 minutes (measured between arrival and departure of trains)
- 20-minute transfer time translates to 40-minute penalty for passengers
“Transit riders are very sensitive to out-of-vehicle time. Among various types of out-of-vehicle time, waiting time is the most onerous factor for transit users (Cervero 1990). In practice, the rule of thumb is that walking and waiting time are valued twice as much as in-vehicle time...”

Iseki, H.; Taylor, B.; and Miller, M. (2006). [The Effects of Out-of-Vehicle Time on Travel Behavior: Implications for Transit Transfers](#). Submitted to CALTRANS.