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The Dallas Application of Responsible Transportation: How can public transportation systems work effectively for a city subject to urban sprawl? DART as a case study.

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## THE DALLAS APPLICATION OF RESPONSIBLE TRANSPORTATION

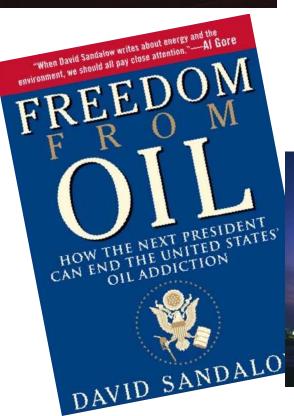
How can public transportation work for a city subject to urban sprawl? DART as a case study.

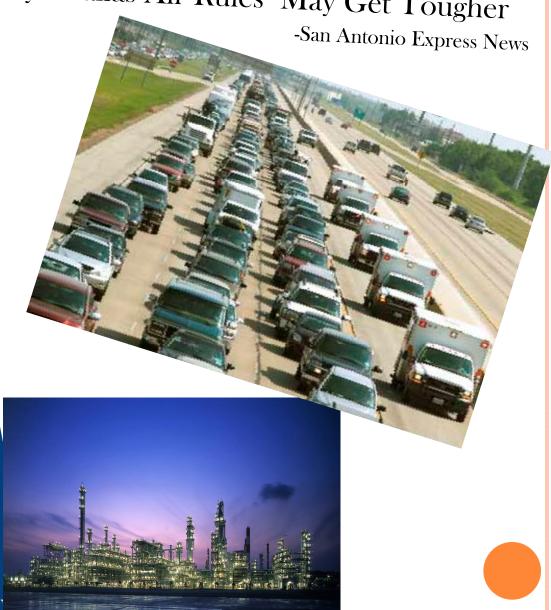
#### OUTLINE

- The relevance of this study
- Dallas' specific issue
- The History of the Issue
- o DART's Plan
- The Assumption of the Plan
- Verifying or Disproving the Assumption
- What we've done already
- Future Plans

EPA Says Dallas Air Rules May Get Tougher







"IF SKY-HIGH GAS PRICES SENT DALLAS RESIDENTS LOOKING FOR SEATS ON DART BUSES AND TRAINS THIS SUMMER, WILL FALLING PRICES SEND THE COMMUTERS BACK TO THEIR CARS?"

DALLAS MORNING NEWS
OCTOBER 24 2008

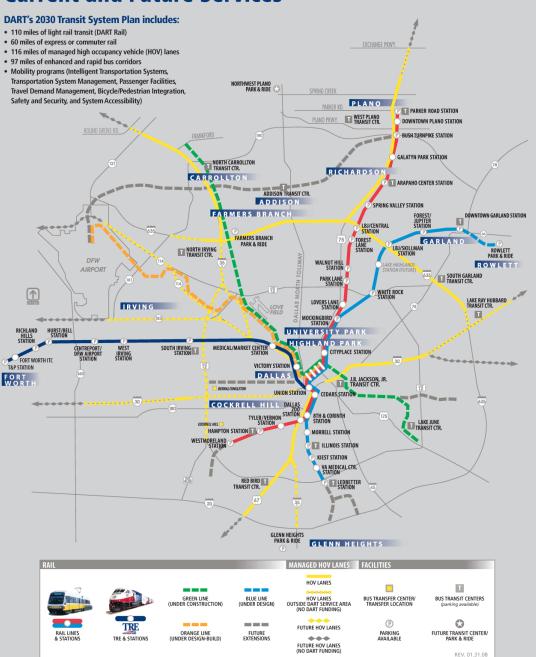






# Build Something Include Developers Funding

#### **Current and Future Services**



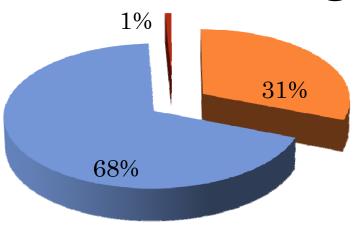
BUT WHAT ABOUT THE USERS?

#### WHAT WE'VE DONE

- Chosen a Target Group
- Determined Dallas Business Locations
- Written and Began Survey Distribution
- Completed Real Time Run-Throughs

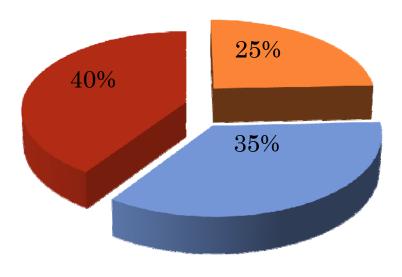
	Morning	Evening
Average Dart Trip	53 min 52 sec	54 min 6 sec
Average Car Trip	36 min 5 sec	48 min 33 sec
Difference	17 min 47 sec	5 min 33 sec

### Morning Commute



- additional wait for train to arrive
- additional wait for time at station
- addition due to trip time

## **Evening Commute**



- additional wait for train to arrive
- additional wait for time at station
- addition due to trip time

#### WHAT'S NEXT

- Compile and Analyze Survey Results
- Focus on another target group
- Propose solutions to attract more DART riders
- Analyze the impact of these solutions