

NORTH CENTRAL TEXAS AIR QUALITY STRATEGIES

Transportation Measures

	STRATEGY	RTC FUNDS	FIRST MILESTONE
1	LED Traffic Signals	\$400,000	April 2004
2	Pay As You Drive Insurance	\$1,500,000	Spring 2004
3	Employer Trip Reduction	\$1,000,000	Fall 2004
4	Cleaner Fleet Vehicles	\$250,000	September 2004
5	Parking Cash-Out	\$250,000	Summer 2004
6	Diesel Freight Vehicle Idling	\$1,600,000	September 2004
		<hr/> \$5,000,000	

TIMELINE

Spring 2004

**Local officials meet with
Department of Insurance
representatives**

Fall 2004

**Research on pay as you drive
programs begins**

January 2005

**“Before” portion of pilot program
commences**

January 2006

**“After” portion of pilot program
commences**

TECHNOLOGY SOURCE:

Manual Date Collection

Data retrieved from vehicle odometer through Inspection and Maintenance (I&M) process.

Data parameters collected:

Distance

Vehicle Age

TECHNOLOGY SOURCE:

On-Board Diagnostic (OBD)

Technology installed on vehicle. Data retrieved from device or downloaded to personal computer.

Data parameters collected:

Speed

Time of Day

Distance

Length of Trip

Acceleration

TECHNOLOGY SOURCE:

Global Positioning System (GPS)

Technology installed on vehicle to collect data via satellite.

Data parameters collected:

Distance

Time of Day

Speed

Location

CURRENT STUDIES / PILOT PROGRAMS

Progressive – *Autograph*

Study in Houston, TX. Utilizing GPS technology. Pilot Study for 2 years. Program canceled because GPS was too costly to be profitable.

Progressive – *TripSense*

Current program in Minnesota. Utilizing OBD technology. New program currently available in Minnesota. Sensor is installed in OBD outlet and data collected. Then driver removes Sensor and downloads information onto computer. Driver can see data and decide whether to send it into insurers for a discount.

General Motors Assurance Corporation

Current program available to GPS OnStar® subscribers in Arizona, Illinois, Indiana, and Pennsylvania. Only odometer readings will be collected by OnStar®.

SUMMARY

	<u>Focus of Program</u>	<u>Manual</u>	<u>OBD</u>	<u>GPS</u>
Distance	✓	✓	✓	✓
Time of Day			✓	✓
Speed			✓	✓
Location				✓
Acceleration			✓	
Trip Length			✓	✓
Vehicle Age		✓		