

Pre-2007 State Vehicle Replacement Project Outline

- Part of the \$100 million air quality package
- Project ask -- \$26,500,000
- Pre-2007 state fleet vehicles targeted:
 - largest polluters
 - low emission standards
- Project will replace:
 - 238 pre-2007 vehicles in non- attainment areas
 - 133 light duty vehicles
 - 105 of a possible 111 UDOT snowplows
- Project will reduce approximately 3,168 tons of emissions over the life of the equipment
 - 1st out of 15 air quality initiatives in terms of emissions reduced
 - 3rd out of 15 for cost per lifetime ton of emissions reduced
- \$8,366/lifetime ton*
- 158.84 tons of harmful emission reduced annually
- Replacement of a diesel engine with a Tier 4 diesel engine has huge emission reductions
 - Example:
 - 1 snowplow = up to 69 pre-2007 cars worth of emissions
 - 1 snowplow = 1 ton of emissions reduced annually => that's one snowplow per ton per year
- Targeted snow plows with any surplus value:
 - must be surplus for use solely outside the non-attainment area
 - all surplus proceeds must be used for the replacement of pre-2007 plows

*Measurement used to normalize value among all air quality initiatives