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