

CITY OF DUNEDIN
Energy Efficiency and Conservation Block Grant
(EECBG)

- 1. Nitrogen Generator for Fleet Tire Program** **\$ 21,000**
(Improve fuel economy/extend life of tires/improve safety)
- 3% - 6% fuel savings (& fewer fossil fuel emissions)
 - 20% - 25% extension to tire life
 - 80 – gallon generator / 98% pure nitrogen gas product
- 2. Solar-Powered School Zone Flashers** **\$ 28,000**
(Reduce electrical consumption/improve student safety)
- Remove hard wired units “from the grid”
 - Replace existing wired units – 4 locations/8 signs
 1. San Mateo Dr./San Jose Dr.
 2. San Salvador Dr. /San Helen Dr. /Bass Blvd.
 3. San Christopher Dr. / Bass Blvd.
 4. Pinehurst Rd. / McFarland St. / San Salvador Dr.
- 3. Bicycle Connectivity Plan** **\$ 20,000**
- To be consultant prepared
 - Interconnect City parks, Pinellas Trail, public schools, major employers, and high activity centers citywide
 - Reduce reliance on automobiles, reduce exhaust emissions and foreign fuel dependence, promote individual and community health
- 4. LED Street Lighting Demonstration Project** **\$ 80,500**
(Reduce electrical consumption/reduce maintenance)
- Improves energy efficiency & lowers electrical costs
 - Lower wattage for equivalent lumens
 - Longer lamp life span reduces maintenance
 - Re-lamp existing fixtures – potential candidate sites:
 1. 24 lamps at the Hale Senior Center
 2. 22 lamps on Alt 19 (Main to Washington)
 3. 18 lamps at the MLK Recreation Center
 4. 19 lamps for Fleet garage bays
 5. 8 lamps for Fleet fueling station
 6. 34 lamps at the Wastewater Plant
 7. 23 lamps at the Water Plant

Total **\$149,500**