City of Henderson – Phase 1

Robert A. Swadell Justice Facility & Whitney Ranch Recreational Center

- Savings supports the project costs of $3 million in a 10-year finance term
- Cash contribution of $840,000 at a 4.35% finance rate
- 41% energy reduction

Project goals:

- Reduce operating expenses
- Upgrade the physical plant
- Address operating issues
- Extend the building's useful life
- Improve HVAC, maintenance, electrical, plumbing
- Upgrade City's traffic signals (64 intersections)
- Removed an emission source from the facility
- Enhanced reliability by installing a modular heating system
- Provided long-term, non-obsolescent assets that continue to deliver cash flow and reliability benefits beyond term for debt service

<table>
<thead>
<tr>
<th>Type of Pollution</th>
<th>Reduction /Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greenhouse Gases (CO₂)</td>
<td>4,192,255 Pounds</td>
</tr>
<tr>
<td>Nitrogen Oxides (NOₓ)</td>
<td>5,078 Pounds</td>
</tr>
<tr>
<td>Sulfur Dioxide (SO₂)</td>
<td>3,563 Pounds</td>
</tr>
<tr>
<td>Mercury (Hg)</td>
<td>5,546 Milligrams</td>
</tr>
</tbody>
</table>
City of Henderson – Phase 2

City-wide Energy Performance Contract

- $17.5 Million Project
- Financed by Bank of America at 4.89% for 15 years
- Projected Savings of $1.6 million
- 18% projected energy savings

City-wide measures include:

- Lighting and water conservation retrofits
- Boiler and chiller replacements
- Direct digital energy management system
- Variable frequency drives
- Pulse powered cooling tower water treatment
- Vending machine controls
- Retrofitting over 26,000 street lights with induction lighting technology
- Ultra-violet pool water treatment

We believe that this is the largest ever street lighting retrofit project of its kind in North America. The induction lighting is expected to reduce energy consumption by approximately 65% and increase the lamp life by almost seven times its current life expectancy.