Summary Statement

[City Name] is a neighborhood district within the City of [City Name], Alabama; founded in 1908 as an independent township and subsequently annexed. Recognizing the value of their community as historic and unique, citizens united to form the [City Name] Civic Association in the early 1980's. The Civic Association (CHCA) is a non-profit organization whose purpose is stimulate community pride, activity, neighborly cooperation and also to sustain and enhance the character and appearance of this significant historic community. The district comprises over 1200 residences, several churches, parks and schools. Hurricane Ivan caused the immediate destruction of fifty to seventy-five healthy, mature trees in the community. In addition, Hurricane Ivan damaged 125 or more trees in the district causing their loss through necessary removal. It will require the replacement of a minimum of 200 trees to restore the district to its pre-Ivan state. Replacement planting of trees will be on the public right-of-way and on private property with the owner's written consent and agreement for care of the tree(s).

On February 8, 2005, The [City Name] Civic Association met with Mr. the Urban Forester. Following this meeting the Tree Committee was formed. In February and March the Tree Committee conducted a survey of the community designating existing trees, damaged and destroyed trees. This was Tree Committee's initial step to develop a plan of reforestation which at the time was projected to be restrained and long-term because of the limited funding.

This grant request for additional funds is being proposed in order to accelerate the recovery of the community's urban forest. The Civic Association is requesting a $15,000 from the Urban and Community Forestry "Hurricane Ivan" Financial Assistance Program. The will provide $4000 in cash and in-kind, the City of will provide $1000 in in-kind service for a total of $5000 bringing the total cost of the project to $20,000. The reforestation planting will occur between November 2005 and September 30, 2007.
Assessment of Need

Following the severe destruction caused by Hurricane Ivan because of the concerns expressed by the neighborhood residents, the Tree Committee had already established the Tree Committee that began by doing a survey to assess the damage done by Hurricane Ivan. The Tree Committee conducted the survey in February-March 2005. It revealed that Hurricane Ivan caused the immediate destruction of fifty to seventy-five healthy, mature trees in the district and also damaged 125 or more trees causing their necessary removal. This caused many unsightly gaps in our once magnificent forest canopy. This loss of trees will have an ongoing effect on the community's rain control and eco-systems. It will require the replacement of a minimum of 200 trees and many years to restore the community to its pre-Ivan status.

Project Proposal Objectives

This Project Proposal will be met by the following objectives:

1. Replace trees lost in our urban forest canopy causing unsightly gaps with 300 trees recommended by the Urban Forester and/or the guidelines of this grant as being resistant to hurricane force winds.

2. Consideration will be given to planting the appropriate tree at a specific site with regard to power lines, the size and location of structures, the proximity and relationship to existing trees, the size of the tree as it matures, and soil/water/sunlight need of the tree.

3. The trees will be planted at sites decided and designated by the Tree Committee in consultation with the Urban Forester for the most beneficial use of the trees. Emphasis will be made towards Street-Side (right of way) Trees, to promote canopy while remaining clear of structures.

4. Losses to our district's urban forest canopy will be overcome as the trees grow and mature.
Project Methods

1. The Urban Forester, Mr. will assist in selection and acquisition of the desired quantity of wind resistant trees that are a minimum of 1.5 caliper in diameter.

2. The Hurricane resistant, hardwood trees selected will be installed at the proper time of the year by trained City of personnel with the equipment.

3. Soil augmentation will be applied at planting with the soil replacement. The planting site will be constructed for maximum water retention and absorption.

4. Ongoing maintenance and watering for the first three years has been committed to by the resident's signature on the neighborhood canvas done by Tree Committee.

5. It is planned that all of the trees will thrive and mature, but if not, the Tree Committee is committed to replace lost plantings and to continue to enhance the reforestation of the district.

Post Planting Maintenance

The residents of neighborhood have been canvassed. Many of the residents signed an agreement form listing their addresses and are committed to care for trees planted either on the right of way or on private property. Maintenance and care will include, mulching the recommended three feet surrounding the tree, ongoing deep watering and fertilizing at appropriate times. Ongoing maintenance and care will be supplied and applied throughout the first three years by the residents and the Tree Committee.
Project Methods Flow Chart

**Project Begins** August – September 2005
sites and trees selected, 75 trees ordered

November 2005 - February 2006
1\textsuperscript{st} group of 75 trees planted

March – April 2006
water, mulch, fertilize, monitor for budding

May – September 2006
water and maintain as needed, check for any trees that need replacing

September – November 2006
sites and trees selected, 75 trees ordered plus the needed number of replacement trees for any not surviving the 1\textsuperscript{st} year.

November 2006 - February 2007
2\textsuperscript{nd} group of 75 trees planted

March – April 2007
water, mulch, fertilize, monitor for budding

May – September 2007
water and maintain as needed, check for any trees that require replacement. sites and trees selected, remaining trees ordered plus the needed number of replacement trees for any not surviving the 1\textsuperscript{st} and 2\textsuperscript{nd} years

\textbf{Project Ends}
## BUDGET

### Projected Cost Per Tree

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 caliper Tree</td>
<td>$65.00</td>
</tr>
<tr>
<td>Mulch</td>
<td>3.25</td>
</tr>
<tr>
<td>Fertilizer</td>
<td>0.27</td>
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<tr>
<td>Staking</td>
<td>4.54</td>
</tr>
<tr>
<td>City Labor</td>
<td>23.46</td>
</tr>
<tr>
<td>Incidental expenses</td>
<td>3.48</td>
</tr>
</tbody>
</table>

**Total:** $100.00

### Projected Cost for 200 Trees:

|$100 \times 200 \text{ Trees} = \$20000$

### Applicant's Funds Match:

- **Cash:** $2000
- **In-Kind Matching:** $3000

**Total:** $5000 = $100 \times 50 \text{ Trees}$

### Federal Grant Funds Requested:

|$15,000 = $100 \times 150 \text{ trees}$

### Proposed Project Start Date:

- **August 2005**

### Project End Date:

- **December 2007**
  - September 30
In-Kind Hours:  February – June 2005

**Tree Committee Meetings:** organization, for planning and conducting the survey, for creating a map of the survey, canvassing the neighborhood for signatures of willingness to have a replacement tree and maintain it, and consultation with the Urban Forester.

65 Hours

**Tree Committee’s Survey** of trees lost, damaged destroyed by Hurricane Ivan.

48 Hours

**Research and Grant Writing** for USDA Urban and Community Reforestation Project.

24 Hours

65 + 48 + 24 = 137 In-kind Volunteer Hours X $17.50 per Hour = $2398
MAP A
Public Land/ROW Available for High Canopy Trees

Public Land/ROW Available for High Canopy Trees

Boundaries