

COLORADO TREE COALITION 2010 GRANTS

Grant #: 10-15
Applicant: Town of Paonia
Project Name: *Paonia Arbor Day Celebration 2010*
Grant Request: \$1000
Volunteer Hours: 60
Tier: Tree Planting
of Trees Planted: 6
Estimated Completion Date: April 18

Description: We would like to promote an Arbor Day festival to take place in Paonia Town Park on April 17, 2010. This park is a very busy place for the community and is used very heavily for events, festivals and children's play. The park is home to numerous over mature silver maple trees which are beginning to fail and many are in need of severe hazard reduction pruning or removal. These trees were topped years ago and this pruning practice has contributed in many instances to their current state. Upon advisement of the Tree Board and its associates, the Town of Paonia has completed \$5000 in tree pruning and removal in the last year on this site and has committed to allocating another \$5000 this season. These funds will be used to remove the trees deemed most hazardous and perform hazard reduction and basic maintenance pruning on others.

The Arbor Day festival would be aimed to educate the community on proper tree care techniques and community forestry issues via the hiring of at least 2 professional speakers discussing various aspects of urban tree related issues. We would also like to plant 5 trees of different species in areas where trees have already been removed or will require removal in the near future. We will work closely with the town's contract arborist, Jason Jones, a Board Certified Master Arborist, to identify proper locations, a maintenance plan and after care to be implemented. Local tree company Aspen Tree Service has agreed to donate equipment and laborers to do dig holes and move trees. This project would be effective at educating the public at all levels as it would utilize the current trees in the park and their state to demonstrate proper and improper pruning practices and their long term effects, as well as proper tree selection, location, planting and maintenance practices.

We intend to market the event heavily through local publications and included in each advertising run will be educational information on proper tree care techniques. We would also like to hold an Arbor Day poster contest for local children with prizes donated by local business and potentially have a children's tree climbing station. We would also engage some of the many local musicians to perform, with "tree related songs" as the focus. It would be the hope of the tree board to make the activity a yearly event and feel that many of the local groups that use the park would contribute funds to make the event possible in future years.

Grant #: 10-05
Applicant: Friends and Neighbors of Washington Park (FANS)
Project Name: *Washington Park Tree Guide*
Grant Request: \$900
Volunteer Hours: 231
Tier: Media
of Trees Planted: N/A

Estimated Completion Date: May 15

Description: FANS is a not-for-profit (501c3) organization with the mission of stewardship of Washington Park in Denver (see the FANS website www.fanswashingtonpark.org). FANS, formed in 2006, consists of 70 dues-paying members. Membership and meetings are open to any interested persons. FANS holds open meetings monthly at the Washington Park Bath House to organize volunteer programs in the park and to host speakers on park issues such as water quality, horticulture and arboriculture, commercial utilization, traffic circulation, capital improvements, etc. FANS also works closely with adjacent residential community organizations.

The 165-acre park contains around 2000 trees, and we estimate 50,000 people live within a mile of the park boundaries. The objective of this project is to produce a written guide to the trees in Washington Park (and at nearby South High School) in order to increase public awareness and understanding of many of the tree species comprising the urban forest in Denver.

Grant #: 10-18
Applicant: City of Alamosa and Alamosa Tree Board
Project Name: *Cole Park Revitalization*
Grant Request: \$1500
Volunteer Hours: 100
Tier: Tree Planting
of Trees Planted: 26
Estimated Completion Date: July

Description: Cole Park is a gathering place for community activities ranging from the Summerfest on the Rio Festival that kicks off summer in early June, to Sunday evening live entertainment throughout the summer, to the Early Iron Festival during Labor Day weekend. On a daily basis, community members walk and jog around the park on the asphalt path, play sports, picnic, and enjoy the Rio Grande on the east side with the Sangre de Cristo Mountains as a background view. Many of the older trees will need to be replaced in the upcoming years. Many of these trees have experienced broken branches over the years due to high winds while others are showing signs of internal decay.

Our goal is to revitalize Cole Park by initially planting a species-diverse variety of 26 deciduous trees chosen from the Alamosa Tree Board approved list. These will be trees that tend to have long life-spans, be more xeric, and better suited to our environment than many of the original trees which were planted for quick growth and ease of procurement. We plan to start at the south end of the park near the proposed new city complex. We will select specific tree planting sites once we receive a report from a contracted arborist who will assess the existing park trees by June 2010.

Grant #: 10-21
Applicant: Town of Crested Butte
Project Name: *Tommy Villanueva (Tommy V) Field Tree Project*
Grant Request: \$1500
Volunteer Hours: 90
Tier: Tree Planting
of Trees Planted: 16

Estimated Completion Date: June 3

Description: The "Tommy V Field Tree Project" was identified by Department Staff as the number one tree planting priority for 2010. This field will be the only baseball field large enough for Babe Ruth and High School Baseball in the north end of the Gunnison Valley. Tommy V Field was recently relocated in order to allow the Crested Butte Community School to expand onto the former field site. The new Tommy V Field and surrounding park area will be completed in May 2010 and dedicated on June 3 of the same year. In partnership with the Villanueva family, the Department will combine the Town's Arbor Day celebration with the dedication ceremonies. Currently, the Tommy V Field relocation plan does not include a single tree. The "Tommy V Field Tree Project" will establish native coniferous trees in the new park space, along 9th Street, and around the new bathroom area.

Without funding from CTC, the tree planing project will be greatly reduced. Furethermore, the Department submitted a grant request to the Colorado State Parks State Trails Program for money to build an extension to the current recreation path that will terminate at Tommy V Field thus using the park's bathrooms and parking as a major trailhead. Trees planted in this area will serve not just park users, but people using the recreation path trail system in the Upper East River Valley.

Located in a valley floor at almost 9000 feet, trees are imperative to maintain positive and healthy standards of living in Crested Butte. The powerful high altitude sun in the summer makes shade mandatory to enjoy any period of time in one of Crested Butte's Parks. From rooms within the Crested Butte Community School, trees will be planted in sightlines to Crested Butte Mountain thus softening the view of the ballfield fences. Proper tree selection for this low lying area has been previously discussed with local landscape consultants and master gardeners. Planting locations have been identified to compliment sightlines and park aesthetics while not obstructing winter snow removal routes, or underground utilities.

Grant #:	10-11
Applicant:	<u>Center Conservation District</u>
Project Name:	<i>Living Snow Fence Project</i>
Grant Request:	\$1500
Volunteer Hours:	160
Tier:	Tree Planting
# of Trees Planted:	1,000
Estimated Completion Date:	July 31

Description: We started this project over 12 years ago and each year have planted approximately 1000 - 1600 trees. During the drought years we did not plant new trees, but did maintenance on the trees that were previously planted, by removing dead trees and removing or replacing the wind barriers around the smaller trees. When we started coming out of the drought we re-planted the trees that did not survive the drought. Each year we involve students from all the elementary schools in our district, which usually is about 80 students.

We have been fortunate in past years to have partnered with the Colorado State Forest Service and CDOT who provided all the materials and equipment for this project, however, due to budget cuts they were not able to help us out financially this year and we were unable to get the schools to provide buses to bring the students to the planting site. We were able to do the project on a smaller basis by using

district funds to purchase the trees and having CDOT provide the equipment to prep the planting area, a local landscaper laid the weed barrier and we rounded up a small group of volunteers and students, including CSFS, our district board supervisors, NRCS personel, county employees and our local co-op employees and we planted 500 trees. We anticipate having issues with budget cuts in 2010 and that is why we are requesting this grant funding.

Our goal is to keep planting trees north of our current location until we reach our county line. That area has a tremendous problem with blowing snow in the winter and the living snow fence is a huge help in minimizing the dangers from the snow and well as helping with soil erosion issues. We will continue to maintain the trees planted as we have since the projects inception.

Grant #: 10-01
Applicant: Lamar Tree Board
Project Name: *Willow Creek Kiva Beautification*
Grant Request: \$1075
Volunteer Hours: 140
Tier: Tree Planting
of Trees Planted: 8
Estimated Completion Date: June 30

Description: The Willow Creek Park in Lamar, Colorado is 75 years old and home to Colorado's first W.P.A. project. The rock walls surrounding all the main areas, the Kiva, gatekeeper's cottage, and Pike's Tower were all built during World War II. Work Projects Administration V/PA, a former U.S. government agency, was established in 1935 by executive order of President Franklin Delano Roosevelt as the Works Progress Administration. It was created when unemployment was wide-spread. The older trees in the park are the same age and species Elm.

The Lamar Tree Board has been working on replenishing the trees with younger and more diverse species. We would like to plant Blue Spruce and Green Spruce trees on the east side of the Willow Creek Kiva to provide wind protection and some sound proofing. This would introduce two new species of tree to the park and would be the first step of the master plan for the park that was adopted by the City Council of Lamar. The CSU/DOLA Grant designed the plan. The city budget was chopped for 2010 and there will be no monies allocated for trees.

It is critical that newer trees continue to be introduced into our 75 year old park. The Lamar citizens take great pride in the Willow Creek Park. It is one of the main gathering spots for family reunions, picnics, play areas for the youth, volleyball and gazebo weddings and cook-outs. The Lamar Swimming Pool is on the north end of the park where numerous swim meets and overnights are allowed.

Grant #: 10-03
Applicant: Town of Poncha Springs
Project Name: *Hazardous Tree Removal*
Grant Request: \$1500
Volunteer Hours: 254
Tier: Management/Maintenance
of Trees Planted: N/A
Estimated Completion Date: August

Description: As part of the Town's tree program, Wendell Stephen with the Town of Poncha Springs Public Works Department identified 11 large old Cottonwood trees that are creating a hazard to the community due to their condition of health and proximity to streets, walkways, parks or buildings. Wendell met with Kathryn Hardgrave, Assistant District Forester with the Colorado State Forest Service, and Angie Jensen a Licensed Forestry Consultant to confirm the identification of hazardous trees, and to determine the care necessary to maintain the trees in a manner that addresses both tree health and public safety.

The following eleven (11) trees were identified as requiring removal in order to maintain a healthy community forest and meet public safety: Two (2) trees located in Poncha Springs' Chipeta Park; and nine (9) street trees located along Town right-of-way (1 at 112 Shavano, 2 at the corner of Burnett & La Plata, 1 at the corner of Shavano & La Plata, 1 at 146 Ouray, 1 at 305 Chipeta, and 3 at 316 Chipeta) require removal, for a total of 11 trees to be removed. The Town is requesting grant funding assistance from CTC in order to afford the cost to remove these hazardous trees.

Grant #:	10-13
Applicant:	<u>Town of Olathe</u>
Project Name:	<i>Lion's Park Tree Replacement</i>
Grant Request:	\$560
Volunteer Hours:	77
Tier:	Tree Planting
# of Trees Planted:	6
Estimated Completion Date:	April 26

Description: The project will consist of removing 3 dead or dying cottonwoods and a globe willow that snapped off at ground level and has sent up sucker growth. The trees will be replaced with 6 trees that are not currently growing in Olathe, Bigtooth Maple, Hackberry, Kentucky coffeetree, Golden raintree, Japanese tree lilac, and Wafer ash. Klehm's Improved Bechtel crab, Japanese Pagoda Tree and Netleaf hackberry are alternate species.

In addition the existing drip system will be expanded and automated and 2 existing trees will be pruned. The goal is twofold, to beautify a major crossroad to the entrance of town and to demonstrate that other species of trees besides cottonwoods and elms will grow in Olathe. By planting trees in such a highly visible location I hope to set an example for developers, business owners and citizens to follow.

Grant #:	10-12
Applicant:	<u>Horticultural Art Society of Colorado Springs</u>
Project Name:	<i>Monument Valley Park Pinetum</i>
Grant Request:	\$500
Volunteer Hours:	125
Tier:	Tree Planting
# of Trees Planted:	13
Estimated Completion Date:	June 30

Description: In 1907, General William Jackson Palmer, Colorado Springs founder, deeded 97 acres along a 2 mile stretch of Monument Creek to the City to be a "park of the people". The park included elegant gardens, bridged ponds, winding paths, and trees of every species of tree found in Colorado. This regional park continues to be one of the City's best loved. In 1909, a small parcel on the east side of the creek, tucked away next to Colorado College was established as a Pinetum (an arboretum of conifers, mostly Pinaceae). The primary trees planted were ponderosa pine and blue spruce, but there was also a grove of cedars planted and a scotch pine (which today is a beautiful low branched form). In 1933, a professor from Colorado College brought a rare lacebark pine (*Pinus bungeana*) over from China. The tree is now the Colorado champion lacebark pine.

The Pinetum's location has been left alone (almost neglected) and the trees have had to endure and survive the ups and downs of Colorado Springs climate, but also not impacted by park users. This has made it a very unique site. Along with its 2 other gardens, the HAS also has an agreement with the City to watch over and educate people about the Pinetum. The organization helped with some tree planting in 1999 and has done some identification signage for key trees. With drought over the last decade, there have been some tree losses. The goal of this planting project is to replace some of those losses and to add to the diversity of conifers in the Pinetum as a research and educational site. Trees selected are those that are somewhat new, but have proven themselves or have possibility in Colorado.

Plant-It 2020 Funded Projects

Grant #:	10-14
Applicant:	<u>La Veta Tree Board</u>
Project Name:	<i>La Veta Tree Management Project</i>
Grant Request:	\$1500
Volunteer Hours:	185
Tier:	Management/Maintenance
# of Trees Planted:	N/A
Estimated Completion Date:	September 15

Description: The purpose of the La Veta Tree Management Project is to provide necessary maintenance with the desired outcome of improving the health of our urban forest. The 2010 project focuses on preventing further tree damage from pests, weather and construction. First, there is a heavy infestation of European elm scale involving 45 mature American elm street and park trees. The tree bark is black from sooty mold and die back of twigs and branches is evident in the attached pictures.

Initiation of annual applications of dormant oil is needed to save the trees. Second, there is weather damage from a 2009 fall snow storm and late effects of the drought of 2002, as shown on the attached pictures. The early snow storm caused several large tree limbs to break which will require professional pruning to minimize damage to the tree. We continue to remove old box elder trees damaged by the 2002 drought and have 15 tree stumps that are sprouting and need to be removed. Third, there is construction root injury to 3 young Deborah Maples on E. Field Street. Soil on the south side of the trees was removed during the 2008 sidewalk, curb and gutter construction and is illustrated in the attached pictures. Landscaping is required to prevent further soil erosion and exposure of the tree roots.

Xcel Energy Funded Projects

Grant #: 10-07
Applicant: Rolling Hills East HOA-Golden, CO
Project Name: *Rolling Hills Median Restoration*
Grant Request: \$1500
Volunteer Hours: 75
Tier: Xcel Utility
of Trees Planted: 11
Estimated Completion Date: June 1

Description: The Kendrick Street parkway is under the Xcel power lines between W. 32nd and W. 26th. Wright Tree Service showed up and cut many trees in half to conform with new height and clearance requirements below these lines. Some were beyond saving and Xcel removed them and others are questionable as to their survival.

Our project is to restore the integrity of the parkway with trees that meet the new height standards below the power lines. The addition of new trees will improve the aesthetics and increase plant diversity on the parkway as we replace ponderosa pines with pinyon. This will also break up the areas of rock gravel as the predominate ground cover following our recent losses.

Mile High Million Funded Project

Grant #: 10-16
Applicant: The Park People
Project Name: *Community Forester Program*
Grant Request: \$1500
Volunteer Hours: 117
Tier: Management/Maintenance
of Trees Planted: N/A
Estimated Completion Date: September 30

Description: Launched in 2003, the Community Forester program has trained more than 230 citizens to care for and maintain not only their own trees, but those on their parkways and in their local parks. Following a reassessment of the needs both of the Denver Digs Trees program and of the Denver Parks and Recreation Department, we have determined that the Community Forester program needs to be re-designed and the training expanded.

It is our intent to revamp the curriculum of the Community Forester program this winter and in February, begin marketing a new and retooled Community Forester program which will include not just a one-day, once a year training but instead, multiple trainings that citizens can participate in depending on their interest, ability and availability. Park People staff is working with staff of Denver Forestry and Tree by Tree: the Mile High Million to look at similar programs (i.e. community forester programs with multiple training modules) to develop a curriculum that is based on best practices but also tailored to the needs of Denver's urban forest.

Mile High Million Funded Project

Grant #:	10-02
Applicant:	<u>Hudson Gardens</u>
Project Name:	<i>The Tree Trail: A Self-Guided Tour of the Trees of Interest at The Hudson Gardens</i>
Grant Request:	\$1500
Volunteer Hours:	31
Tier:	Media
# of Trees Planted:	N/A
Estimated Completion Date:	May 1

Description: Because of its limited capital and staff resources, The Hudson Gardens is uniquely designed for passive forms of education which include various self-guided elements designed to enhance the experience of Garden guests. Upon receipt of the grant funds from the Colorado Tree Coalition, The Hudson Gardens will create and produce a self-guided walking tour entitled “The Tree Trail: A Self-Guided Tour of the Trees of Interest at The Hudson Gardens” that will be part of this multi-layered education framework .

The featured trees in “The Tree Trail” guide will be selected based on their landscape appeal as well as their historical and cultural value. Although the information provided will vary by tree, it will likely include basic horticultural information such as common and botanical names, identification and growth characteristics, growing conditions and care requirements. This information will be supplemented with detailing several features of interest of the selected tree, which may include but is not limited to visual and sensory appeal, historical significance and cultural merit. Plans for the “The Tree Trail” project were created in response to the high interest associated with trees growing at The Hudson Gardens, the great diversity on the grounds, as well as the wealth of information available about the trees.

The information was chosen to be presented in the form of a written, self-guided tour because it aligns with other forms of passive education and can be taken home and/or viewed online as an ongoing source of information. The content for the guide will be produced in-house by the Education Department in consultation with the Landscape Department, and will be professionally designed and produced in a manner consistent with other materials published for public use by The Gardens.

The purpose of this project is two-fold: first, it will increase visitors’ knowledge about the various trees growing at The Hudson Gardens & Event Center. Second, because all of the selected trees grow successfully in the Colorado climate, the project will also promote community forestry and encourage biodiversity by inspiring homeowners to incorporate some of these plantings into their own homes and landscapes.

The desired outcome of the project is that Garden guests will glean new insight and deepened appreciation for trees that extends beyond the mere landscape value of a given specimen. Further, that the unique trees that are suitable for the Colorado climate will be promoted, and visitors’ knowledge about the array of plant material available to them when designing their own homes and gardens will be increased. We anticipate that “The Tree Trail” project will enhance visitors’ experiences, and heightened enjoyment will lead to repeat visits, increased attendance, and increased revenue.

Mile High Million Funded Project

Grant #: 10-10
Applicant: Liverpool Metro District
Project Name: *Liverpool Streetscape & Piney Creek Greenbelt Path*
Grant Request: \$1500
Volunteer Hours: 100
Tier: Tree Planting
of Trees Planted: 40
Estimated Completion Date: July 15

Description: This ongoing project is intended to improve the overall streetscape along Liverpool Street and the natural setting along the bike path at Piney Creek. Both areas are in need of additional trees to create a more aesthetically pleasing experience that is environmentally sensitive and utilizes the native/naturalized plant material available through Trees Across Colorado (TAC). Twenty trees were purchased through TAC and installed in the spring of 2009. An order for forty additional trees has been placed with TAC for 2010 (see attached order form). JBK Landscape Inc. has developed a conceptual plan for upgrading the streetscape along Liverpool. Exact placement of the 2010 trees plantings has yet to be determined.

Mile High Million Funded Project

Grant #: 10-04
Applicant: Town of Bennett
Project Name: *Town of Bennett Tree Planting Project*
Grant Request: \$1500
Volunteer Hours: 81
Tier: Tree Planting
of Trees Planted: 27
Estimated Completion Date: June

Description: The Town of Bennett was established in 1929, and as the Town grew, parks were established in, or near neighborhoods, and some trees were planted with not much thought as to species, or irrigation. With the Master Plan in hand, the Town hopes to use the expertise of the document to select trees, irrigate, and enhance the esthetics of the parks as well as to provide a more amenable environment for families to spend time picnicking, and enjoying general recreation, as well as improved air quality and reduce storm runoff. The largest park, Trupp Park would greatly benefit from planted shade trees, and wind block, as it has some amenities in the park already enjoyed by the residents - a skate park, and a band shell, as well as a small playground.