

## General Question for Division of Parks and Outdoor Recreation

*CDC Staff Question: The division says it anticipates receiving \$2.0 million in GOCO legacy grants in FY 2009-10. However, the requests for FY 2009-10 from GOCO funds total more than \$2 million. What other GOCO moneys might be received for investments in outdoor recreation resources or planning grants?*

Division Response: Pursuant to Article XXVII of the Colorado Constitution, adopted by the voters in 1992, approximately one-half of all the net proceeds generated by the Colorado lottery are allocated to the State Board of the Great Outdoors Colorado Trust Fund. The Board then awards these funds to various entities in accordance with the constitutional provisions. Approximately 25% of the total funds allocated to GOCO, or roughly \$13.5 million per year, are awarded to outdoor recreation programs of State Parks ("Parks Purpose" funds).

Parks Purpose funds are awarded to State Parks through two primary grant programs administered by the GOCO Board. The first of these is the legacy grant program, which in recent years has taken place once every three years. Parks Purpose funds awarded through each legacy cycle would amount to about \$8 - \$10 million. Legacy funds typically pay for large, one-time capital investments. The most recent legacy grant cycle ended in December, 2007. Only a portion of the total legacy Parks Purpose funds were awarded to State Parks at that time; for planning purposes Parks assumes it will request and be awarded another \$2 million at some future date to help fund the FY 09-10 capital projects.

The second grant program is the "Investment Plan" grant cycle, which has historically occurred on an annual basis. These funds pay for ongoing programs and capital investments. Currently, about \$8.6 million is awarded to State Parks each year through the Investment Plan. State Parks has not yet submitted the FY 09-10 Investment Plan to the GOCO Board, but anticipates proposing that \$4.6 million in GOCO funds be used to help fund FY 09-10 capital projects.

Total GOCO funding for FY 09-10 capital projects would therefore amount to approximately \$6.6 million. As noted above, this proposed use of GOCO funds for FY 09-10 has not yet been presented to the GOCO Board. State Parks anticipates presenting the proposal to the GOCO Board in May, 2009.

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Automated Entrances*

#### PROGRAM PLAN STATUS

2008-025

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

#### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	1 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2009-10	FY 2010-11	Future Requests	Total Cost
CF	\$649,000	\$649,000	\$649,000	\$1,149,000	\$3,096,000
CFE	\$250,000	\$0	\$0	\$0	\$250,000
<b>Total</b>	<b>\$899,000</b>	<b>\$649,000</b>	<b>\$649,000</b>	<b>\$1,149,000</b>	<b>\$3,346,000</b>

#### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2009-10	FY 2010-11	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$378,702	\$399,000	\$399,000	\$899,000	\$2,075,702
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$464,427	\$250,000	\$250,000	\$250,000	\$1,214,427
Miscellaneous	\$23,810	\$0	\$0	\$0	\$23,810
Contingency	\$32,061	\$0	\$0	\$0	\$32,061
<b>Total</b>	<b>\$899,000</b>	<b>\$649,000</b>	<b>\$649,000</b>	<b>\$1,149,000</b>	<b>\$3,346,000</b>

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting cash funds spending authority to continue developing automated park entrances at state parks in Colorado. The project will provide higher levels of service to a growing and changing customer base, with minimal growth in staffing, and will help the division bring in more revenue to offset reduced state General Fund support by ensuring that as many visitors as possible who are entering state parks are paying customers. This year's request will facilitate deployment of automated entrances at five additional parks, to be determined by the contractor by July 2009 based on experience with deployment at the initial parks. Future deployment will be scheduled and requested as funding becomes available.

The automated entrances will be designed as user-friendly, meaning they are easy to operate by customers and easy to manage and maintain by park staff. This will be a particular challenge at parks with primitive infrastructure (i.e., lack of electricity), says Parks. In addition, the equipment will be developed to non-intrusively capture information about park visitors and their experience, which will be of value to its planners and marketing personnel, says Parks. The division explains that it is seeking to create innovative ways to encourage repeat customers without diminishing the overall experience for the public or staff and or altering the value of park assets.

The entrances will be designed with varying levels of automation that include highly cohesive and loosely coupled

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Automated Entrances*

components. Each component in highly cohesive automation is very specialized and self-contained, so that any requests from outside entities for services or information from that component must be made through a well-defined public interface. Components in loosely coupled automation exist independently of each other and are not impacted by changes made to other components. The automation is planned as follows:

- Levels 1 through 4: association with credit card systems, PARKS (an IT application developed by the division for financial information), and -- through PARKS -- indirect association with the state treasury; and
- Levels 5 through 7: same as above plus potential link to ORMS (the division's online reservations management system for campsite and cabin/yurt rentals, which is supplied by a third party vendor), potential link to customer database; and potential link to vehicle registrations system (boat, snowmobile, and off-highway vehicle registrations).

According to the division, the main reason why visitors fail to pay when entering a state park is that the gate is not manned (this is particularly true in the early morning or late evening) and it is not clear what, where, or how people should pay. Accordingly, the division identifies four priority concerns to be addressed when developing the automated entrances: (1) enhance user experience; (2) increase revenue; (3) increase visitation rates; and (4) ensure system usability and reliability. Once the automated system is implemented, the division will have also established strict revenue accounting practices and audit trails to track the system.

In 2005, the division commissioned a feasibility analysis in order to identify what materials would be necessary to develop automated park entrances and the supporting project plan. The study allowed the division to develop a phasing plan based on the vision for automated park entrances, along with available resources and organizational aspects.

### PROJECT JUSTIFICATION

The division cites the following problems facing state parks:

- loss of revenue due to lower-than-desired payment compliance rates;
- inability to conduct credit card sales or provide credit card refunds;
- working with old retail technology;
- inability to provide pass sales to customers on a 24-hour basis;
- inadequate staff to serve an expanding customer base;
- inability to view real-time accounting data (only end-of-the-month data is currently available);
- cumbersome handling of passes as inventory; and
- inefficient receipts management.

According to Parks, automated entrances will provide a number of benefits to the parks, visitors, and staff. Overall park infrastructure such as electric power, telephone lines, network connectivity and wireless technology will be improved. The redesigned entrances will be more convenient for visitors to enter and exit. Reducing the amount of time Parks' staff spends collecting fees or reconciling shifts will also allow the staff to interact with the public in ways that improve the overall experience for visitors. Finally, there will be a shorter learning curve for seasonal employees because the technology will be in line with standard retail equipment and will have well-documented instructions.

If the project is not funded, Parks says it will continue to rely on the self-service, honor system present at existing entrance stations, and will not realize estimated net revenues of \$8.6 million.

### PROGRAM INFORMATION

See Project Description / Scope of Work.

### LEED CERTIFICATION INFORMATION

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### Automated Entrances

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it is not being funded with state money.

#### PROJECT STATUS

The division was asked to provide this information (see Staff Questions and Issues for the division's response).

#### SOURCE OF CASH FUNDS

The source of cash funds for the project is lottery funds. The division's combined operating and capital request for FY 2009-10 includes \$13.7 million in lottery funds. The division has \$14.8 million available, including \$0.9 million unallocated fund balance from lottery distributions in prior years, and an estimates a \$12.0 million distribution in FY 2008-09 plus \$0.6 million interest earnings.

#### STAFF QUESTIONS AND ISSUES

1. Please provide information about the status of work on the project from prior appropriations. For example, has the initial pilot test been deployed at Chatfield or Cherry Creek State Park? Have revenues been tracked with the new system in June through August 2008, and is there a comparison report to the same months in prior years?

*No funds from prior appropriations have been expended. To date, work on this project has been limited to internal planning efforts on the part of Parks staff. The intent of the project is to install Point of Sale units at customer contact points, enhance revenue collection, controls and reporting, and consider and implement automated gate entrance/monitoring systems at appropriate locations. This requires deployment of systems and processes in a phased approach, that are consistent at all locations to achieve the targeted efficiency for operational and maintenance levels.*

*The project requirements include selection and installation of POS units and entrance systems at a majority of State Parks' offices, park entrances and other customer contact locations. These units will need to be a mix of traditional computer-based POS systems found in offices and manned locations, as well as newly installed automated self-service stations at park entrances to replace the existing iron rangers. Furthermore, this involves resolving various related issues such as connectivity, utility accessibility, service and maintenance of the installed components and systems. Presently there are 42 parks with 84 designated "entrances" and other customer contact locations such as visitor centers and camper services buildings. The system will need to be designed to accommodate deployment at new parks that open in the future, additional retail sales locations, and additional locations not presently designated, such as walk-in entrances or trail heads.*

*Installation of automated gate entrance/monitoring system is a possibility where viable. The requirement to improve entrance fee compliancy will require an automated system to deter non-paying customers at locations that are not manned by a Parks employee. "*

*An RFP has been developed for use in selecting a vendor to identify the precise requirements of the system, to develop interfaces with existing IT systems, to design and install the pilot installations at Eldorado State Park and Cherry Creek State Park, to evaluate the pilot investments, and prepare a feasibility report for implementation at other parks around the state. This RFP will be released within the next 90 days. The proposal evaluation and award process is expected to take an estimated five months to complete. Very few if any expenditures will be made in FY 08-09; project expenditures are expected to begin in FY 09-10.*

2. The request says this year's funding will facilitate deployment of automated entrances at five additional parks, to be determined by the contractor by July 2009 based on experience with deployment at the initial parks. What parks have been identified for the initial deployment with the FY 2008-09 appropriation?

*No parks have been identified at this time. Under the current project timetable, this will most likely occur in 2010 after successful pilot phases are completed and evaluated.*

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

*Automated Entrances*

### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

### PROJECT SCHEDULE

	Start Date	Completion Date
Physical Planning	June 2009	July 2009
Install equipment at selected parks	July 2009	June 2010
Schedule deployment at additional parks	July 2011	June 2013
Occupancy		

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

*Staunton State Park*

### PROGRAM PLAN STATUS

2007-002

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	2 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
CFE	\$700,000	\$1,500,000	\$0	\$0	\$2,200,000
<b>Total</b>	<b>\$700,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,200,000</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$700,000	\$150,000	\$0	\$0	\$850,000
Construction	\$0	\$1,350,000	\$0	\$0	\$1,350,000
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$700,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,200,000</b>

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting cash funds spending authority to continue development at Staunton State Park by implementing the park master plan. This year's request will rehabilitate three ponds to be used for fishing, hiking, and watchable wildlife opportunities, and protect the water rights contained within those ponds. The water rights will be used for domestic water for facilities constructed in the park in the future, and irrigation and future augmentation needs.

Once the park master plan is complete, the park's day use facilities will be designed and constructed. The master plan will lay out the development and operational aspects of Staunton, and the division says it can only detail the specifics of what will be constructed for park infrastructure and facilities after master planning is complete.

The division expects the park to open sometime after July 2010, serving 250,000 visitors at that time and as many as 400,000 once the park is fully developed. It is anticipated that activities at Staunton State Park may include camping, hiking, picnicking, horseback riding, rock climbing, mountain biking, backpacking, environmental education and cabin/yurt rentals. Facilities may include a visitor education center/office space complex, campground facilities, cabins/yurts, picnic facilities, trails, roads, climbing access routes and maintenance facilities.

### PROJECT JUSTIFICATION

According to Parks, the state has already invested in the land as a resource, and failure to fund the request would

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### Staunton State Park

keep the area off limits to the public. The park contains three separate but interrelated water storage reservoirs that were constructed in 1935. The last inspection by the State Engineer's office in 2005 identified many items that required action, says Parks, including inadequate emergency spillway sizes, steep embankments, and inoperable outlet works. In 2008, the division discussed the current plan to correct the items (this request), and the dam engineer concurred. As part of the plan, a clay cutoff wall will be installed to comply with the state's seepage regulations, and toe protection will be installed to solidify the dam toes.

**Alternatives.** The division considered combining the upper two ponds to create one larger body of water, but decided against this option because it would require creating a large spillway, raising the height of one dam, reclassifying the dam from low to high hazard, and disturbing much of the surrounding native vegetation.

### PROGRAM INFORMATION

The park is located 2 miles west of U. S. Highway 285 at Schaeffer's Crossing on the Jefferson/Park County line; it encompasses 3,500 acres and ranges in elevation from 8,400 feet to 10,120 feet. The park area was initially acquired in 1986 as a donation to Parks. The Elk Falls property and the Davis Ranch property were acquired in 1998, and fee title acquisition in 2002 improved access to the park property. Three creeks flow through the park and support riparian forests, wetlands and wet meadows in the valley bottoms, including an uncommon wetland type (fen) at low elevations. The park has forests dominated by ponderosa pine, Douglas fir and lodgepole pine. Subalpine forests contain Englemann spruce, limber pine and subalpine fir. The park provides nesting habitat for peregrine falcons. There are granite seeps located in the park, one of which supports a population of globally rare Colorado endemic plants, such as the Weber monkeyflower.

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is not being funded with state money.

### PROJECT STATUS

Environmental studies, resource inventories, and analysis are complete. Master planning is underway and should be completed by June 2009.

### SOURCE OF CASH FUNDS

The source of cash funds for the project is a combination of lottery funds (\$500,000) and moneys from the Great Outdoors Colorado (GOCO) Trust Fund (\$1,000,000). The division's combined operating and capital request for FY 2009-10 includes \$13.7 million in lottery funds. The division has \$14.8 million available, including \$0.9 million unallocated fund balance from lottery distributions in prior years, and an estimates a \$12.0 million distribution in FY 2008-09 plus \$0.6 million interest earnings. The division also anticipates receiving \$2.0 million in GOCO legacy grants in FY 2009-10.

### STAFF QUESTIONS AND ISSUES

1. The CC-C form does not reflect prior appropriations for FY 2006-07 or FY 2007-08. Please provide an updated form, or explain how these funds were allocated (e.g., how much for professional services, how much for construction, how much for equipment/furnishings, etc.)

*\$500,000 was appropriated in FY 06-07 and \$200,000 was appropriated in FY 07-08 for Staunton planning. No funds were appropriated in FY 08-09. The combined amount of \$700,000.00 has been allocated for professional services related to Master Planning efforts, together with a Dam evaluation report for the park. This work has been contracted out and is currently in progress. As of January 20 2009 a total of \$560,451 has been expended on these efforts. The division expects to present the Master Plan for Staunton to the Parks' Board for approval within six months.*

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks *Staunton State Park*

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### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

### PROJECT SCHEDULE

	Start Date	Completion Date
<b>Complete master plan</b>		June 2009
<b>Obtain water rights</b>	July 2010	June 2011
<b>Construction</b>	July 2010	June 2012
<b>Occupancy</b>		



# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### Park Facilities

#### PROGRAM PLAN STATUS

2007-004

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

#### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	3 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2009-10	FY 2010-11	Future Requests	Total Cost
CF	\$2,000,000	\$2,450,000	\$3,000,000	\$9,000,000	\$16,450,000
CFE	\$1,800,000	\$0	\$0	\$0	\$1,800,000
<b>Total</b>	<b>\$3,800,000</b>	<b>\$2,450,000</b>	<b>\$3,000,000</b>	<b>\$9,000,000</b>	<b>\$18,250,000</b>

#### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2009-10	FY 2010-11	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$500,000	\$500,000	\$1,500,000	\$2,500,000
Construction	\$3,800,000	\$1,500,000	\$2,000,000	\$6,000,000	\$13,300,000
Equipment	\$0	\$450,000	\$500,000	\$1,500,000	\$2,450,000
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$3,800,000</b>	<b>\$2,450,000</b>	<b>\$3,000,000</b>	<b>\$9,000,000</b>	<b>\$18,250,000</b>

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting cash funds spending authority to improve various facilities at Cherry Creek, Chatfield, Navajo, Ridgway, and North Sterling state parks. The project will restore and improve infrastructure that supports recreational opportunities for park visitors, and will help the state park system sustain a solid visitation base in order to generate sufficient revenue for operating costs. The specific projects to be accomplished at each park are described below.

**Dog parks at Cherry Creek and Chatfield (\$250,000).** This year's request implements a report's recommendations for the dog training areas at Cherry Creek and Chatfield State Parks. About 250,000 visitors use the dog parks at these parks each year, averaging two to three dogs per visit. The designated dog training areas at both parks have become off-leash areas, says Parks. Currently, an analysis is underway of the written and unwritten policies for the dog training areas, and the impacts of off-leash dogs on the park environment and visitor safety. The report will be completed for the division and the State Parks Board by spring 2009, and this request will allow the division to implement the report's recommendations.

**Electrical service upgrade at Navajo (\$200,000).** This year's request upgrades existing transformers and secondary supply lines to provide three-phase electric service throughout the park and to provide a foundation for future facility expansions at the park. According to the division, the park experiences "brown outs" during peak use

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Park Facilities*

periods. "Brown outs" can damage visitors' electrical appliances in their camping units and, when they occur, park staff have to run around the park to reset breakers and automated clocks to keep the proper flow of electricity and control various lighting systems in the park.

**Marina at Ridgway (\$500,000).** This year's request completes construction of a new marina, including utilities, a gasoline system, and a small retail store. The park had a similar marina with a gas station and retail store until 2005, when the operator closed. Since then, visitors at Ridgway have to drive to town 5 miles away for gas and supplies, and have to tow their boats to and from the park instead of being able to rent space and store them there. The division decided to build a new marina to address this, and has already installed 18 rental mooring balls, a small walkway, and a loading dock. The division is preparing to install a main dock and 24 rental boat slips.

**Visitor center at North Sterling (\$1,500,000).** This year's request relocates the visitor center to a site near the south entrance station, which is close to two campgrounds, the swim beach facility, the ski beach, trails, several picnic areas, and the reservoir's longest boat ramp. The building that currently serves as the visitor center on the north side of the park will be converted into seasonal housing with the best affordable energy conservation technology. The facility was formerly a residence, acquired by the division in 1992 and has used as the administrative office since 1993 when the Elks campground and the marina on the north side of the park were the only facilities open to the public. Since then, the park's development has shifted to the south end of the park, and this is where most of the visitors go for recreation.

### PROJECT JUSTIFICATION

The division says the parks system is 50 years old and its facilities and infrastructure require continual maintenance, restoration, and improvement. According to Parks, improving these facilities enhances visitors' experiences and helps park staff manage recreation areas and interact with the public. If improvements are not funded, the division says it will negatively impact visitors and park staff.

### PROGRAM INFORMATION

See Project Description / Scope of Work.

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is not being funded with state money.

### PROJECT STATUS

These are new projects.

### SOURCE OF CASH FUNDS

The sources of cash funds for this project are the Great Outdoor Colorado (GOCO) Trust Fund (\$725,000) and lottery money (\$1,725,000). The division's combined operating and capital request for FY 2009-10 includes \$13.7 million in lottery funds. The division has \$14.8 million available, including \$0.9 million unallocated fund balance from lottery distributions in prior years, and an estimates a \$12.0 million distribution in FY 2008-09 plus \$0.6 million interest earnings. The division also anticipates receiving \$2.0 million in GOCO legacy grants in FY 2009-10.

### STAFF QUESTIONS AND ISSUES

1. For the dog parks, the division is requesting \$250,000. If the analysis to be completed by spring 2009 indicates that more than \$250,000 is needed to implement recommendations, will the division be amending its request?

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### Park Facilities

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*Upon completion of the analysis, Division staff and the Parks Board will review the analysis and the draft implementation plan. The Parks Board will determine if this implementation plan will go forward and at what proposed funding level. If additional funding is needed, State Parks will submit requests through the executive/legislative budget request process.*

2. Does this request construct the visitor center at North Sterling? The documents submitted indicate that the visitor center will be relocated, but it appears that the existing facility will stay where it is and be converted into seasonal housing. Please explain.

*Based on further analysis, the division has concluded that the original plan of relocating the visitor center would not be cost-effective. "Relocation" in the original write-up meant building a new visitor center in a different location that was not affected by shoreline erosion. The project is now focused on stabilizing the shoreline in proximity to the park office and shop complex instead. Something must be done since shoreline erosion threatens to damage the park shop, sewer line, storage area, and park office area.*

3. Please provide an update on work funded last year to construct a 3,000-GSF visitor center, a 4,900-GSF maintenance facility, and a 3,000-GSF storage facility at Chatfield State Park.

*The architectural, structural and mechanical designs for the new park office and maintenance facility are currently underway. We expect to have design documents suitable for placing the construction component to the public for bid by July 1, 2009.*

4. On an annual average, about how many visitors to Ridgway use the marina?

*Ridgway state park has an annual visitation of about 292,000. The approximate number of visitors that are attributed to the water based recreation at Ridgway is 68,551 which is around 24% of total Ridgway visitation. Of this amount, it is estimated that approximately 50% use the marina facilities. This would equate to approximately 34,275 visitors using the marina facilities each year.*

5. On an annual average, about how many visitors to Navajo use the campgrounds?

*The total Navajo visitation is about 274,000 annually. Approximately 35,244 visitors to Navajo use the campgrounds which is approximately 13% of total visitors per year.*

6. On an annual average, about how many visitors to North Sterling use the visitor center?

*The annual average visitation to North Sterling state park is around 130,000 visitors per year. From FY 04 through FY 08 we averaged 2,061 visitors utilizing the park visitor center on an annual basis which is approximately 2% of the total annual park visitation.*

7. Can you explain in a sentence or two what three-phase power is and why it will be beneficial to have at Navajo?

*Three-phase power is a common method of alternating current electric power transmission, and is the most common method used by electric power distribution grids worldwide to distribute power. At high loads it can be more economical than one or two-phased systems because it uses less conductor material to transmit electric power than equivalent single-phase or two-phase systems at the same voltage. In addition to electric power distribution, three-phased systems are also used to power large motors and other large loads for the same reasons. In essence, alternating current is carried over three separate circuit conductors. By way of contrast, most households in this country are wired as single-phase systems.*

*After the redevelopment of facilities at Navajo State Park as a result of the Recreation Rehabilitation program and the expansion of the marina facilities we had started to experience issues due to the limited output of the single phase power line that feeds park facilities. By working with our rural power provider, La Plata Electrical Association, it was determined that an upgrade to our primary power feed would best address the parks current and future needs. By extending three phase power we are providing the park with a greater and more efficient flow of electrical power. This increased flow of electrical power will allow us to address power shortages that have led to brown-outs and other issues in the past.*

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Park Facilities*

#### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

#### PROJECT SCHEDULE

	Start Date	Completion Date
Physical Planning	July 2009	June 2010
Construction	July 2009	June 2010
Equipment	July 2009	June 2010
Occupancy		

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Corps Cost Share Improvements*

#### PROGRAM PLAN STATUS

2004-015

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

#### PRIORITY NUMBERS

<u>Prioritized By</u>	<u>Priority</u>	
DeptInst	4 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$2,000,000	\$2,000,000	\$2,000,000	\$6,000,000	\$12,000,000
CFE	\$10,250,000	\$0	\$0	\$0	\$10,250,000
FF	\$13,500,000	\$0	\$0	\$0	\$13,500,000
HUTF	\$300,000	\$2,000,000	\$2,000,000	\$4,000,000	\$8,300,000
<b>Total</b>	<b>\$26,050,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$10,000,000</b>	<b>\$44,050,000</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$1,840,000	\$455,000	\$455,000	\$1,045,000	\$3,795,000
Construction	\$24,080,000	\$3,525,000	\$3,525,000	\$8,895,000	\$40,025,000
Equipment	\$130,000	\$20,000	\$20,000	\$60,000	\$230,000
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$26,050,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$10,000,000</b>	<b>\$44,050,000</b>

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting a combination of cash funds, Highway Users Tax Fund (HUTF), and federal funds spending authority to make improvements to the Chatfield, Cherry Creek, and Trinidad State Parks. The project will address facility and resource degradation at the parks. The U.S. Army Corps of Engineers (Corps) and the state mutually agreed to share the cost for the needed improvements through 2014, as the Corps owns the park properties and the state is responsible for managing them.

Improvements include repairs and renovations to water, sewer, and electrical systems; roads; grounds and trails; and buildings. This year's request will provide the following:

1. \$1.5 million at Chatfield to improve park roads from the end of previous road improvements to the south, improve park trails from the end of the previous project to the north, add picnic and shade shelters at the campground playground, and renovate existing buildings;
2. \$1.5 million at Cherry Creek to improve the Cottonwood Loop campground, construct a swimbeach trail, and

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### Corps Cost Share Improvements

improve the east side water line; and

3. \$1.0 million at Trinidad Lake to make improvements to the boat ramp entrance and the Piedmont group area.

Total - \$4.0 million

#### PROJECT JUSTIFICATION

The division says the improvements are necessary to address management issues related to facility deterioration and resource degradation. Cherry Creek was first brought on as a state park in 1959, Chatfield came on line in 1975, and Trinidad came on line in 1980, so the parks are 49, 33, and 28 years old, respectively. These parks and the associated facilities are heavily used, have building code violations and ADA issues, and are in need of repair and replacements, says Parks. The division states that further deterioration may cause these facilities to become unusable or may leave them in a hazardous state of disrepair. The division indicates that the project protects the state's investment and natural resources and supports public safety. In addition, says Parks, Cherry Creek and Chatfield are two of the most self-sufficient state parks; and visitation at these parks, and the associated revenue, could decrease without adequate infrastructure.

#### PROGRAM INFORMATION

Cherry Creek State Park is located in southeast Denver metro area, while Chatfield State Park is located southwest of the Denver metro area in Littleton. Trinidad State Park is located in southern Colorado, just west of the city of Trinidad along State Highway 12. Together, the three parks serve over 3 million visitors per year.

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is not being funded with state money.

#### PROJECT STATUS

**The projects listed immediately below were funded with the FY 2008-09 appropriation and are underway, on hold, or near completion.**

##### Chatfield State Park

- Trail design, boat ramp asphalt replacement with concrete, and transformer renovation are underway.
- The Deer Creek entrance station, downstream parking lot, boat ramp asphalt replacement with concrete, park road and trail improvements, and installation of a double vault toilet at the gravel ponds are on hold pending receipt of additional federal funds (the federal cost share funding for the division's Corp Cost Share projects has not kept pace with the state's cost share funding).

##### Cherry Creek State Park

- Improvements to the Cottonwood Loop and Employee Spur campgrounds, construction of a swimbeach trail and a camper services building are on hold pending receipt of additional federal funds.

##### Trinidad State Park

- Renovation of the sewer plant and replacement of the campground electrical system are nearly complete (estimated completion date is April 2009).
- Design work for the camper services building, and the amphitheater and conversion of 10 picnic sites to campsites on the south shore are in progress.

**The projects listed below received a FY 2007-08 appropriation and in design, are underway, on hold, or near**

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Corps Cost Share Improvements*

**completion.**

Chatfield State Park

- Roadway improvements and day use facilities are completed.
- Trail projects and the utility infrastructure are under design.

Cherry Creek State Park

- Campgrounds and campground roadway projects are completed.
- Other roadway projects are on hold pending receipt of additional federal funds.

Trinidad State Park

- Replacement of the campground's electrical system and the renovation of the sewer treatment plant are nearly complete (estimated completion date is April 2009).

### SOURCE OF CASH FUNDS

The sources of cash funds for this project are lottery funds (\$700,000), moneys from the Great Outdoor Colorado (GOCO) Trust Fund (\$1,000,000), the Highway Users Tax Fund (HUTF) (\$300,000), and federal funds from the U.S. Army Corps of Engineers (\$2,000,000). The division's combined operating and capital request for FY 2009-10 includes \$13.7 million in lottery funds. The division has \$14.8 million available, including \$0.9 million unallocated fund balance from lottery distributions in prior years, and an estimates a \$12.0 million distribution in FY 2008-09 plus \$0.6 million interest earnings. The division also anticipates receiving \$2.0 million in GOCO legacy grants in FY 2009-10.

### STAFF QUESTIONS AND ISSUES

All responses to CDC staff's questions were incorporated into the write-up.

### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

*Corps Cost Share Improvements*

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### PROJECT SCHEDULE

	Start Date	Completion Date
Physical Planning	July 2009	June 2010
Construction	July 2010	June 2012
Equipment		
Occupancy		



# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Fuels Mitigation*

#### PROGRAM PLAN STATUS

2004-114

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

#### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	5 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$300,000	\$300,000	\$200,000	\$600,000	\$1,400,000
CFE	\$1,350,000	\$0	\$0	\$0	\$1,350,000
FF	\$3,400,000	\$900,000	\$400,000	\$1,200,000	\$5,900,000
<b>Total</b>	<b>\$5,050,000</b>	<b>\$1,200,000</b>	<b>\$600,000</b>	<b>\$1,800,000</b>	<b>\$8,650,000</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$2,053,929	\$1,200,000	\$600,000	\$1,800,000	\$5,653,929
Construction	\$2,877,857	\$0	\$0	\$0	\$2,877,857
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$118,214	\$0	\$0	\$0	\$118,214
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$5,050,000</b>	<b>\$1,200,000</b>	<b>\$600,000</b>	<b>\$1,800,000</b>	<b>\$8,650,000</b>

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting a combination of cash funds and federal funds spending authority to mitigate forest fuels through the Wildfire Prevention Project, a cooperative effort between Parks and the Colorado State Forest Service. The project seeks to improve the resilience of state park areas to recover from the effects of wildfire by identifying activities that may impact Colorado, and by actively responding to the trends and conditions of Colorado's forests. This year's request will finish implementation at Mueller and Golden Gate, will consider implementation of planned projects at Lone Mesa, Trinidad, Ridgway, Steamboat/Pearl, and State Forest, and will consider planning projects at Rifle, Vega, Castlewood, and Sylvan. Implementation involves completing the treatment recommendations from the planning model, and includes coordinating exact details (e.g., what to do with slash, the marking of project boundaries, and contracting of the project to a contractor with appropriate equipment) and conducting actual work.

The project provides for the treatment of hazardous forest fuels in order to:

- reduce wildfire suppression costs;
- improve visitor and firefighter safety;
- reduce wildfire impacts on water and air quality;

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Fuels Mitigation*

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- improve wildlife habitat;
- reduce fire mitigation costs; and
- reduce the risk of fire to homeowners living adjacent to state parks.

The project also encourages partnerships and collaboration among various interest groups and land management agencies in order to support good management of Colorado's natural resources in state parks.

### PROJECT JUSTIFICATION

The division says it is critical to maintain safe natural areas for visitors. For example, it is necessary to reduce the stand density and stand structure of forest vegetation (fuel loading) in order to reduce the risk of a pending catastrophic fire, such as the 2002 Hayman fire. According to Parks, failure to fund the project will result in lost opportunities to protect the state's natural resources, to maintain the state's investment in park facilities, and to enhance recreation opportunities in state parks, all which would have a negative impact on state park visitation and would reduce park revenue.

### PROGRAM INFORMATION

The primary components in planning a fuel treatment project are an inventory of the forest stand to be treated, an assessment of the risk value, a biological survey, a prescription for the area, and preparation of contracts. The inventory reveals the stand conditions, such as the prevalence of insects and disease, and the nature of the risk. The assessment provides information about adjacent lands, watershed values, wildlife habitat values, and park infrastructure, and the value of risk to these areas. The biological survey and related environmental assessment are necessary to obtain approval from the U.S. Fish and Wildlife Service. Following the inventory and assessment, specialists determine the prescription for that specific area of the forest needing treatment and identify the material to be removed. The final stage involves preparing agreements with the Colorado State Forest Service to ensure appropriate experts run the mitigation contracts.

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is not being funded with state money.

### PROJECT STATUS

This is an ongoing project, and the division anticipates it will continue until at least FY 2012-13. According to Parks, about 9,500 acres were identified in all planning efforts from 2002 through 2006. By June 2007, about 1,000 acres (10.5 percent) had been treated. All projects are dependent on weather. Funding in the last two years accomplished the following:

2009

- The division was asked to provide this information (see Staff Questions/Issues and Attachment A for the division's response).

2008

- surveys related to clearance of new project areas at Staunton, Cheyenne Mountain, and Golden Gate;
- completion of surveys required as part of the Federal Emergency Management Agency (FEMA) grant on projects areas that are completed (primarily archeological surveys that will be matched at 75 percent by the FEMA funds);
- production of geographic information systems (GIS) products and interpretive materials for fuel projects at all seven Front Range parks;
- mechanical layout at Mueller, Golden Gate, Roxborough, Staunton, and possibly State Forest and/or Steamboat;

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Fuels Mitigation*

and implementation at Cheyenne Mountain (96.5 acres), Staunton (192 acres), Golden Gate (651 acres), Lory 166 acres), and Eldorado (87.5 acres).

### SOURCE OF CASH FUNDS

The sources of cash funds for this project are moneys from the Great Outdoors Colorado (GOCO) Trust Fund (\$300,000) and federal funds from the U.S. Fire Service (\$900,000). Colorado receives the federal funds through the Colorado State Fire Service, which allocates moneys to projects based on their priority status. The division says that it works very closely with the State Fire Service and is confident that Parks projects will be a high priority for federal funding allocation. The division also anticipates receiving \$2.0 million in GOCO legacy grants in FY 2009-10.

### STAFF QUESTIONS AND ISSUES

1. How many acres does the division expect to treat collectively in the FY 2009-10 request?

*There are 100 layout projects, 676 mechanical implementation projects, and 200 prescribed burning projects. See Attachment A for a breakdown by park.*

2. Please provide an update on the status of work previously funded in FY 2008-09 and FY 2007-08. The request only provided information about work funded in FY 2005-06 and FY 2006-07.

*Approximately 9,500 acres were identified in all planning efforts (2002-2006), and by January 2009, close to 2,500 acres of the 9,500 acres were treated. In FY 2007-08, there were 55 layout projects, 790 mechanical implementation projects, and 306 prescribed burning projects. In FY 2008-09, there were 149 layout projects, 466 mechanical implementation projects, and 56 prescribed burning projects. See Attachment A for a breakdown by park.*

### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

**Fiscal Year 2009-10 Capital Construction Request**

**Natural Resources -- Parks**

*Fuels Mitigation*

**PROJECT SCHEDULE**

	<b>Start Date</b>	<b>Completion Date</b>
<b>Physical Planning</b>	July 2009	
<b>Construction</b>		June 2012
<b>Equipment</b>		
<b>Occupancy</b>		

**Fuels Mitigation  
Treated Acres**

<b>FY 2009-10 Projections</b>			
<b>Park</b>	<b>Layout</b>	<b>Mechanical Implementation</b>	<b>Prescribed Burning</b>
Cheyenne Mountain		16	
Golden Gate Canyon	10	30	100
Lory		166	
Mueller		150	
Pearl Lake		20	
Roxborough		24	
Staunton	30	170	100
State Forest	50	50	
Steamboat Lake	10	50	
<b>Total</b>	<b>100</b>	<b>676</b>	<b>200</b>

<b>FY 2007-08 Acres Treated</b>			
<b>Park</b>	<b>Layout</b>	<b>Mechanical Implementation</b>	<b>Prescribed Burning</b>
Cheyenne Mountain		82	
Eldorado Canyon		102	35
Golden Gate Canyon			63
Lory		140	
Mueller			
Pearl Lake	15	15	
Roxborough		214	
State Forest	40	40	
Staunton		197	208
<b>Total</b>	<b>55</b>	<b>790</b>	<b>306</b>

**Fuels Mitigation (continued)  
Treated Acres**

<b>FY 2008-09 Acres Treated (as of 1/20/09)</b>			
<b>Park</b>	<b>Layout</b>	<b>Mechanical Implementation</b>	<b>Prescribed Burning</b>
Golden Gate Canyon		205	
Mueller		86	
Pearl Lake		2	
Roxborough	19	5	
State Forest	50	40	
Staunton		126	56
Steamboat Lake	80	2	
<b>Total</b>	<b>149</b>	<b>466</b>	<b>56</b>

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Improvements to Lake Pueblo State Park*

#### PROGRAM PLAN STATUS

2007-003

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

#### PRIORITY NUMBERS

<u>Prioritized By</u>	<u>Priority</u>	
DeptInst	6 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$500,000	\$2,100,000	\$0	\$0	\$2,600,000
CFE	\$575,000	\$0	\$0	\$0	\$575,000
FF	\$1,325,000	\$500,000	\$0	\$0	\$1,825,000
<b>Total</b>	<b>\$2,400,000</b>	<b>\$2,600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000,000</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$475,000	\$0	\$0	\$0	\$475,000
Construction	\$1,857,143	\$2,600,000	\$0	\$0	\$4,457,143
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$67,857	\$0	\$0	\$0	\$67,857
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$2,400,000</b>	<b>\$2,600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000,000</b>

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting a combination of cash funds and federal funds spending authority to upgrade existing facilities and construct new facilities at Lake Pueblo State Park, through a cost share agreement with the U.S. Bureau of Reclamation (BOR). The division leases the area at Lake Pueblo from the BOR. The cost share agreement requires a 25 percent match from Parks. This year's request for Phase IV, the final phase, will rehabilitate the South Shore water system and the Rock Canyon wastewater facility. Phase I added a flush toilet facility and paved a parking lot to improve the South Marina/South Boat Ramp area of the park. Phase II addressed the first wastewater facility, and replaced the roofs on 11 comfort stations used by campers and anglers. Phase III renovated the second wastewater facility and its three associated sewage lagoons.

The division says the original agreement with the BOR extended from April 2005 through 2010, and will provide a total of \$5.7 million for repairs at Lake Pueblo State Park. The division and BOR plan to negotiate a new agreement in 2010 to invest about \$34 million to fully renovate Lake Pueblo State Park. According to Parks, the division is working on a development plan that will define the total build-out, including phases; the plan is expected to be finished by December 2008.

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Improvements to Lake Pueblo State Park*

**South Shore water system.** The water supply system is over 30 years old and was designed to serve all of the park's facilities. Rehabilitation work includes the following:

- replacing piping, valves, and hydrants;
- upgrading booster stations, such as pumps, valves, electrical system, chlorination system, and circulation equipment;
- repairing coating and tanks;
- leveling controls; and
- installing a remote monitoring and control system.

**Rock Canyon wastewater treatment facility.** The facility treats wastewater and bio-solids for facilities on the south side of the park. The 30-year-old system includes three open, lined lagoons. Project objectives include the following:

- transferring and managing the lagoon contents;
- removing, disposing of, and replacing the liners, aerators, piping, starters, conduit, anchor posts, wooden posts, decking, cables, and related electrical components;
- installing an emergency generator with associated components; and
- re-grading and improving the access road.

### PROJECT JUSTIFICATION

The division says the water system and the wastewater facility need to be rehabilitated for public health and safety. According to the division, if the water system fails, at least 50 percent of the park's facilities would close, which would negatively impact visitation and revenue. More importantly, over the past few years, portions of the system have repeatedly failed the Department of Public Health and Environment's (DPHE) water quality testing requirements. In addition, continued operation of the wastewater facility in its present state may also result in violation of DPHE's requirements and negatively impact the surrounding riparian environment.

Lake Pueblo provides recreational opportunities for citizens of Colorado and tourists, hosting about 1.5 million visitors annually. The division says that Lake Pueblo is one of the top three most-visited parks in Colorado, and about 65 to 70 percent of visitors participate in water-based and boating activities there. Making improvements to the park will result in higher visitor satisfaction and less inconvenience to visitors, says Parks, while allowing the facilities and resources to continue to degrade could diminish park visitation.

### PROGRAM INFORMATION

See Project Justification.

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is not being funded with state money.

### PROJECT STATUS

This is a multiple-year request, beginning in FY 2006-07 and ending in FY 2010-11. The following work has been completed:

- Juniper, Lone Owl, and Lizard Group picnic shelter upgrades; and
- renovation of one wastewater facility, including its three associated sewage lagoons.



# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### Improvements to Lake Pueblo State Park

#### SOURCE OF CASH FUNDS

The sources of cash funds for this project are lottery funds (\$2,100,000) and federal funds from the U.S. Bureau of Reclamation (\$500,000). The division's combined operating and capital request for FY 2009-10 includes \$13.7 million in lottery funds. The division has \$14.8 million available, including \$0.9 million unallocated fund balance from lottery distributions in prior years, and an estimates a \$12.0 million distribution in FY 2008-09 plus \$0.6 million interest earnings.

#### STAFF QUESTIONS AND ISSUES

1. What is the status of the development plan for total build-out at Lake Pueblo. Last year Parks said it was expected to be finished by December 2008.

*The development plan is on hold for a number of reasons. The division is undertaking a complete reassessment of its financial situation. This will include developing a strategy for financial sustainability in the face of the heavy financial demands the agency is facing for things such as rebuilding and renovating its aging parks infrastructure, including those at Lake Pueblo. Also, there is considerable uncertainty regarding the federal funds that will be available for Lake Pueblo State Park, and the appropriate development plan depends heavily on assumptions about available funding. The division hopes proceed with the Lake Pueblo development plan in the near future, but no date has been set.*

*In the meantime, the division is limiting capital investment on the park to critical health and safety needs, such as upkeep on the wastewater treatment facility and drinking water supply system.*

2. Please provide an update on work previously funded under this request. Last year, the division said the following work had been completed: (1) Juniper, Lone Owl, and Lizard Group picnic shelter upgrades; and (2) renovation of one wastewater facility, including its three associated sewage lagoons. Has anything else been completed?

*No additional work has been completed.*

3. How many wastewater facilities are there at the park?

*There are two main wastewater treatment facilities. One was recently fully refurbished. The second, the Rock Canyon wastewater facility, is slated for refurbishment in FY 09-10.*

4. The CC-C form shows a total project cost of \$1.8 million, but in the support information form, the division says the repairs at Lake Pueblo will total \$5.7 million through 2010. Please explain.

*We could not find the reference to the \$1.8 million. The current five-year agreement with the USBOR envisions a total investment of \$5.7 million. Previous years' appropriations have been \$500,000 (FY 06-07), \$900,000 (FY 07-08), \$1,000,000 (FY 08-09). With the FY 09-10 request of \$2.6 million, the four year total will come to \$5 million. It is conceivable that one more year would be added to the CC-C project cost sheet for FY 10-11 in the amount of \$0.7 million, but at this time the division is assuming the amount for FY 10-11 is zero. There is considerable uncertainty about the availability of the federal dollars required to reach the \$5.7 million total. Depending on future negotiations with the BOR and the availability of funds, the division may include additional dollars in its FY 10-11 request.*

5. The request indicates that the park has failed water tests at the South Shore, yet it continues to be open to the public. Please explain.

*The division is obtaining more detailed information on the water tests and will forward the information to the committee as soon as it is received.*

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

*Improvements to Lake Pueblo State Park*

### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

### PROJECT SCHEDULE

	Start Date	Completion Date
Physical Planning	July 2009	June 2012
Construction		
Equipment		
Occupancy		

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Major Repairs / Minor Recreation Improvements*

#### PROGRAM PLAN STATUS

1995-027

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

#### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	7 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$10,287,000	\$4,000,000	\$4,000,000	\$12,000,000	\$30,287,000
CFE	\$37,939,000	\$0	\$0	\$0	\$37,939,000
FF	\$250,000	\$0	\$0	\$0	\$250,000
<b>Total</b>	<b>\$48,476,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$12,000,000</b>	<b>\$68,476,000</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$1,564,000	\$455,000	\$455,000	\$1,365,000	\$3,839,000
Construction	\$43,689,000	\$3,525,000	\$3,525,000	\$10,575,000	\$61,314,000
Equipment	\$2,643,000	\$20,000	\$20,000	\$60,000	\$2,743,000
Miscellaneous	\$580,000	\$0	\$0	\$0	\$580,000
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$48,476,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$12,000,000</b>	<b>\$68,476,000</b>

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting cash funds spending authority to renovate and repair dated facilities in order to bring them into compliance with health, safety, and accessibility standards. The specific projects for FY 2009-10 will be determined in February 2009. Park managers conduct inspections throughout the year to develop a list of necessary repairs and improvements. Regional engineers and project managers then aid in establishing the priorities and cost estimates for those items. Every May, the regions submit their request to the Parks Leadership Team for finalization and approval. The projects are prioritized at the beginning of each fiscal year, although adjustments in priorities may be made throughout the year.

The division says it has considered developing its prioritized lists earlier to run in sync with the state's budget cycle, but has determined it is not as effective for deciding what the highest priority projects will be once the funding becomes available on July 1.

Typical major repair projects include remodeling a facility; replacing systems (i.e., plumbing, electrical, fiber optic, hearing, etc.); constructing new facilities, roads, fences, ditches, or sewers; and making nonstructural improvements to land. Typical minor improvement/controlled maintenance projects include weed spraying, roof repairs, shoreline

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Major Repairs / Minor Recreation Improvements*

stabilization, water and sewer line repairs, road and parking lot repairs, and picnic table replacement, upgrades to information and utility systems, renovation or replacement of vault and flush toilets, landscaping, signs, and the installation of interpretive kiosks. Emergency repairs are also funded from this allocation. Controlled maintenance projects are often paired with other major construction projects for cost benefits.

#### PROJECT JUSTIFICATION

The division owns and operates 42 parks that serve over 11 million visitors each year. According to Parks, preserving the state park system requires an annual investment, and the annual request of \$4 million represents about 3 percent of the state's investment over time in the park system (about \$120 million). The division did a market study in 2002 that revealed that the quality and appearance of park facilities is an important factor in visitor satisfaction, and visitor satisfaction is an important factor in park visitation. When infrastructure fails, says Parks, health and safety risks to the public and operating costs increase.

#### PROGRAM INFORMATION

See Project Description/Scope of Work.

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is not being funded with state money.

#### PROJECT STATUS

This is an ongoing project. The division has identified 362 projects by region to be funded with the FY 2008-09 appropriation (on file with Legislative Council Staff and available upon request).

#### SOURCE OF CASH FUNDS

The source of cash funds for this project is lottery funds. The division's combined operating and capital request for FY 2009-10 includes \$13.7 million in lottery funds. The division has \$14.8 million available, including \$0.9 million unallocated fund balance from lottery distributions in prior years, and an estimates a \$12.0 million distribution in FY 2008-09 plus \$0.6 million interest earnings.

#### STAFF QUESTIONS AND ISSUES

None.

#### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

**Fiscal Year 2009-10 Capital Construction Request**

**Natural Resources -- Parks**

*Major Repairs / Minor Recreation Improvements*

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**PROJECT SCHEDULE**

	<b>Start Date</b>	<b>Completion Date</b>
<b>Physical Planning</b>	July 2009	
<b>Construction</b>		June 2012
<b>Equipment</b>		
<b>Occupancy</b>		

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

*Off-Highway Vehicle Program Grants and Minor New Construction and Renovation*

### PROGRAM PLAN STATUS

1995-026

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

### PRIORITY NUMBERS

<u>Prioritized By</u>	<u>Priority</u>	
DeptInst	8 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$11,231,000	\$3,031,000	\$3,031,000	\$9,093,000	\$26,386,000
CFE	\$4,500,000	\$0	\$0	\$0	\$4,500,000
FF	\$1,160,000	\$110,000	\$110,000	\$330,000	\$1,710,000
<b>Total</b>	<b>\$16,891,000</b>	<b>\$3,141,000</b>	<b>\$3,141,000</b>	<b>\$9,423,000</b>	<b>\$32,596,000</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$16,891,000	\$3,141,000	\$3,141,000	\$9,423,000	\$32,596,000
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$16,891,000</b>	<b>\$3,141,000</b>	<b>\$3,141,000</b>	<b>\$9,423,000</b>	<b>\$32,596,000</b>

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting a combination of cash funds and federal funds spending authority to provide grants to off-highway vehicle (OHV) project sponsors. Local governments, federal and state agencies, and not-for-profit organizations receive grants to sponsor OHV projects. Sponsors construct and maintain trails, make improvements to parking areas, enhance access to trails, and provide user safety information to OHV owners. The Parks staff provides some technical expertise in trail design, construction, and maintenance, and also monitors compliance with the grant provisions. The OHV program is staffed with a statewide coordinator, a registration specialist, and four regional trail coordinators across the state.

Grants are typically funded for OHV projects involving trail maintenance and construction, trailheads, parking areas, trail signs and maps, and safety and education programs. The average grant amount awarded in recent years averages between \$41,000 and \$52,000. The division anticipates about 46 applications this year, competing for about \$3.1 million worth of projects to be funded in FY 2009-10.

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Off-Highway Vehicle Program Grants and Minor New Construction and Renovation*

#### PROJECT JUSTIFICATION

The division says that not funding this program would jeopardize the protection of natural resources and motorized recreation opportunities across Colorado. Small rural communities could be financially impacted from reduced tourism spending derived from this type of recreation. In some locations, this program provides the only funding for managing motorized recreation.

#### PROGRAM INFORMATION

The Colorado OHV program provides funds to maintain and enhance motorized recreation. The program promotes off-highway vehicle safety through the promulgation and enforcement of rules and regulations, and the establishment of partnerships with land management agencies and various OHV interest groups. OHV grant projects serve to support good management of motorized recreation and help mitigate environmental concerns, says the division.

OHV registration provides funding for trail projects that help address resource damage and resource protection issues while encouraging safe and responsible use. Registration helps prevent theft and enables law enforcement to identify and recover stolen OHVs. There are about 144,000 registered OHV owners in Colorado. The following vehicles are exempt from OHV registration legislation:

- motorcycles designed for use on public highways and having a current license plate;
- vehicles used strictly in mining or agriculture (no recreational use);
- vehicles used strictly on private land for non-commercial purposes;
- vehicles owned by the government;
- vehicles provided by a dealer for educational or safety programs; and
- vehicles operated at special organized events authorized by the proper agency.

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is not being funded with state money.

#### PROJECT STATUS

The division says the following have been funded under this appropriation:

- 30 projects for 2008;
- 32 projects for 2007;
- 39 projects for 2006;
- 35 projects for 2005; and
- 24 projects for 2004.

#### SOURCE OF CASH FUNDS

The sources of cash funds for this project are moneys generated by the Off-Highway Vehicle Registration Fee (\$3,031,000), and federal funds from the Recreation Trails Program grants (\$110,000). The division estimates that the OHV registration fee will generate \$3.5 million in FY 2009-10.

#### STAFF QUESTIONS AND ISSUES

1. Section 24-30-1404 (7)(c) (III), C.R.S., states that grants for OHV trail purposes made pursuant to Section 33-14.5-106, C.R.S., are not subject to the six-month encumbrance rule and waiver process. Please clarify whether this statute applies to this request.

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Off-Highway Vehicle Program Grants and Minor New Construction and Renovation*

*This request is to fund OHV grants pursuant to Section 33-14.5-106, C.R.S. These grants are not subject to the six-month encumbrance rule and waiver process pursuant to Section 24-30-1404 (7)(c)(III). The original capital construction request narrative submitted by State Parks on form CC-C incorrectly stated that a waiver of the six-month rule would be required. It is not.*

2. The division estimates that the OHV registration fee will generate \$3.5 million in FY 2009-10 and the request is for \$3.0 million from the fund. Is more than \$0.5 million otherwise allocated in that year, or is the full \$3.5 million truly available for this project?

*State Parks' operating budget request for FY 09-10 includes a requested appropriation of approximately \$410,000 from the OHV fund for operating costs associated with registering OHVs and administering the OHV grant program (\$402,224 appropriated to the Off Highway Vehicle Program line item and approx \$7,437 appropriated to the State Park Operations line item). The total of the operating and capital construction requests is \$3.41 million. This is slightly below the level of projected revenues, to allow for some margin of uncertainty in the revenue projections. If actual revenues exceed \$3.41 million, the difference will be added to the fund balance in the OHV fund.*

### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

### PROJECT SCHEDULE

	Start Date	Completion Date
Grant review, award, and planning	September 2009	June 2010



# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks *Park Improvements / Buffer Acquisitions*

### PROGRAM PLAN STATUS

1996-038

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

### PRIORITY NUMBERS

<b>Prioritized By</b>	<u>          </u>	<b>Priority</b>	<u>          </u>	
DeptInst		9 of 13		
OSPB		N/A of 44		OSPB recommends that all cash projects be funded, but also assigned cash priorities.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2009-10	FY 2010-11	Future Requests	Total Cost
CF	\$340,000	\$340,000	\$340,000	\$1,020,000	\$2,040,000
CFE	\$5,749,000	\$0	\$0	\$0	\$5,749,000
<b>Total</b>	\$6,089,000	<b>\$340,000</b>	\$340,000	\$1,020,000	\$7,789,000

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2009-10	FY 2010-11	Future Requests	Total Cost
Land Acquisition	\$1,515,000	\$340,000	\$340,000	\$1,020,000	\$3,215,000
Professional Services	\$45,000	\$0	\$0	\$0	\$45,000
Construction	\$4,529,000	\$0	\$0	\$0	\$4,529,000
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$6,089,000	<b>\$340,000</b>	\$340,000	\$1,020,000	\$7,789,000

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting cash funds spending authority to purchase land that buffers existing state parks. The buffer acquisitions program is an ongoing effort to identify and acquire lands of critical resource value that buffer state parks. The division maintains a prioritized plan to purchase buffer lands for parks statewide with the objective of acquiring fee title and conservation easements for buffer lands. The buffer acquisitions program has been active since the 1980's. The division says its priorities for acquisitions in FY 2009-10 are unknown at this time. Property valuation, zoning changes, value to the individual park and the state parks system, and the availability of funding matches are some of the factors that determine the feasibility and timing of specific property purchases.

Many parks were purchased with funds available at that time, resulting in a less-than-optimum amount of land. Other parks have been subject to growth pressures, with development rights abutting park borders. Where possible, the department has acquired conservation easements in order to minimize costs and to allow for productive uses of adjacent lands consistent with park purposes, such as agricultural or limited residential/commercial development. In other cases, fee title acquisitions make more sense, especially when the intent is to open buffer lands to recreational use. The division states that it often leverages state resources for these purchases through partnerships with local governments and other common interests.

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Park Improvements / Buffer Acquisitions*

#### PROJECT JUSTIFICATION

The division says that park buffers protect resources that are important to the maintenance of plant and animal habitat, and provide additional recreation opportunities for visitors. In addition, says Parks, Colorado's recent growth trend during the last 10 years and a statewide projected population increase of 50 percent by 2020 make the program particularly critical. The division believes that failure to fund the program will result in lost opportunities to purchase key inholdings and buffer lands, and will increase the risk of resource damage to wildlife habitat, soils, and vegetation in state parks.

#### PROGRAM INFORMATION

See Project Description / Scope of Work.

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is not being funded with state money.

#### PROJECT STATUS

This is an ongoing program. The following properties have been purchased through this request during the past three years:

- Bahrych lots (\$186,000) at Roxborough in 2007;
- Fisherman's Bridge property (\$244,000) at the Arkansas Headwaters Recreation Area in 2007;
- Emery property (\$232,500) at Pearl Lake in 2006;
- Candelaria property (\$533,000) at Navajo Lake in 2006; and
- Transit Mix batch plant site (\$325,000) at Lake Pueblo in 2005.

The following parks are the division's priorities for acquisition in FY 2008-09: Lake Pueblo, Colorado River, Lone Mesa, Cheyenne Mountain, Roxborough, and the Arkansas Headwaters Recreation Area.

The following parks were the division's priorities for acquisition in FY 2007-08: Arkansas Headwaters Recreation Area, Roxborough, Cheyenne Mountain, Colorado River, and Lone Mesa.

The following parks were the division's priorities for acquisition in FY 2006-07: Lake Pueblo, Colorado River, Staunton, Arkansas Headwaters Recreation Area, St. Vrain, and Pearl Lake.

#### SOURCE OF CASH FUNDS

The source of cash funds for this project is money from the Great Outdoors Colorado (GOCO) Trust Fund. The division anticipates receiving \$2.0 million in GOCO legacy grants in FY 2009-10.

#### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks *Park Improvements / Buffer Acquisitions*

### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

### PROJECT SCHEDULE

	Start Date	Completion Date
Physical Planning	July 2009	Ongoing
Appraisal, Environmental Review, Boundary Study, Closing	Upon finding a for-sale property that Parks wants	June 2012

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Park Infrastructure Improvements*

#### PROGRAM PLAN STATUS

2009-025

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

#### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	10 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$1,460,000	\$1,700,000	\$2,000,000	\$6,000,000	\$11,160,000
FF	\$600,000	\$425,000	\$0	\$0	\$1,025,000
<b>Total</b>	\$2,060,000	<b>\$2,125,000</b>	\$2,000,000	\$6,000,000	\$12,185,000

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$2,060,000	\$2,125,000	\$2,000,000	\$6,000,000	\$12,185,000
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$2,060,000	<b>\$2,125,000</b>	\$2,000,000	\$6,000,000	\$12,185,000

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting a combination of cash funds and federal funds spending authority to address urgent infrastructure needs in the state parks system. The project will ensure the safety of staff and visitors at state parks, and helps the division catch up on a backlog of repairs at state parks.

Parks says that each year its leadership team will determine the most urgent priorities for renovating and repairing the existing park infrastructure. In 2007, the division completed an internal capital needs assessment of its existing system, and identified nearly \$250 million in needs related to public health and safety, facility and resource protection, roads, and dam repairs. The division has identified two priority projects to address with this year's request:

1. construction of a sewage treatment system at Golden Gate State Park to meet discharge permit groundwater quality requirements of the Colorado Department of Public Health and Environment (DHPE) (\$1,000,000); and
2. restoration of the Arkansas River tributary at Hecla Junction, located at the Arkansas Headwaters Recreation Area, to prevent future flood events, and improve facilities damaged in previous flood events (\$1,125,000).

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### Park Infrastructure Improvements

TOTAL = \$2,125,000

#### PROJECT JUSTIFICATION

The division explains that it must consistently work on the infrastructure in the state's parks system to prevent closure of areas including lakes and campsites, and to avoid litigation over health and safety issues that have not been addressed. This project allows the division to begin repairing existing deficiencies, and ensures that funds are available for future issues that may arise. Closing areas in parks will negatively impact park visitation and revenue, says Parks. Specific reasons for the two projects in this year's request are provided below.

**Golden Gate sewage treatment system.** The division says it needs to install groundwater monitoring wells in the sewage lagoons at the Reverends Ridge Campground in Golden Gate State Park. The wells will be used to measure the quality of the groundwater upstream and downstream from these lagoons. The division says it is unlikely that the existing lagoons will meet DPHE's state health standards. According to Parks, an alternative system needs to be developed and installed in order to properly treat sewage and prevent closure of the campground. The division will select one of six sewage treatment systems that have been investigated: discharging facultative lagoons, discharging aerated lagoons, evaporative lagoon, evapotranspiration beds, advanced treatment discharging aerated lagoons, or a mechanical plant.

**Hecla Junction flood rebuilding.** This project will provide holistic restoration and sediment reduction at the Arkansas Headwaters Recreation Area and Hecla Junction to reduce future threats and impacts to facilities, improve water quality, and enhance ecological functions. Several park structures and facilities were damaged or destroyed in 2006 and 2007 after significant floods in the Arkansas Headwaters Recreation Area. For example, portions of County Road 194 and the Hecla Junction parking area were washed out. In addition, sediment and debris from the Hecla Junction Wash were deposited in the Arkansas River, which altered the river's flow patterns. The division also attributes the erosion and sedimentation problems described above to heavy resource use and reoccurring heavy rainfall events. After each flood or rainfall event, park personnel have performed temporary mitigation work in the most critically impacted areas, but these efforts have not fully addressed the problems. For long-term sustainability, the division says it needs to construct coffer dams and associated settling ponds, and re-vegetate and restore the wash/stream channel upstream in order to reduce the velocity of water moving through the Hecla Wash during a future flood. Also, the facilities damaged in previous floods need to be fixed, says Parks, including stabilizing the restroom, restoring the parking lot, restoring the road, and reconstructing erosion control structures. The division says an engineering study will help complete a comprehensive plan for the Hecla Junction site.

#### PROGRAM INFORMATION

The division states that Hecla Junction in Chaffee County is one of the busiest Arkansas Headwaters Recreation Area sites, especially during boating season. The site is used as an access point for boating and has several popular campsites, a parking area, and a changing station. It is also the primary take-out for Browns Canyon trips. More than 760,000 visitors use the site each year.

Golden Gate State Park is located in Jefferson County, just west of the Denver metropolitan area, and has over 650,000 visitors annually.

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is not being funded with state money.

#### PROJECT STATUS

The division provided the following updates on projects funded in FY 2008-09.

North Sterling Irrigation District (NSID)

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### Park Infrastructure Improvements

The NSID plans to carry out certain work on the reservoir that will require State Parks to perform other work of its own, including renovating the spillway road and repairing paving on the spillway road and boat ramp access road. NSID is currently working with the State Engineer's Office on approval of its construction plan. Once the NSID receives approval of the construction plan, it will let Parks know of the timing of the construction. Parks will then be able to determine when it needs to carry out its construction project.

#### Pearl Dam Renovation

The renovation project had its construction engineering and construction contract in place by January 11, 2008. During renovation of the dam, a couple of unknown conditions were discovered and the State Engineer's Dam Safety Office required that certain additional work be done. This required increasing this renovation project from the original \$600,000 budget to a revised budget of \$1,003,883.29. The estimated time for project completion is November 23, 2009.

### SOURCE OF CASH FUNDS

The sources of cash funds for this project are as follows:

- reappropriated funds from the Department of Personnel and Administration Division of Risk Management (\$329,200);
- moneys from the Great Outdoor Colorado (GOCO) Trust Fund (\$375,000);
- lottery funds (\$995,800); and
- federal funds from the U.S. Environmental Protection Agency (\$425,000). The federal funds are generated by motorboat fuel taxes, designated for motor boat access improvement, and received through the Department of Natural Resources, Division of Wildlife.

### STAFF QUESTIONS AND ISSUES

1. The request says in one part that the division plans to purchase water to augment usage from the wells to prevent the temporary closure of the campground. In another part, the request says that, depending on the cost of the alternative selected and the cost of water, there may be sufficient funds in this request to purchase augmentation. Please clarify whether or not there are one or two separate water issues being addressed and whether water augmentation is included as part of this request.

*State Parks is working to address the water augmentation requirement for the water wells at Golden Gates Reverends Ridge Campground; this is being reviewed as part of the Division Water Program. At the time the original request was submitted to the CDC it was unclear how much water would be available for the purposes of augmenting the sewage treatment plant rehabilitation. It has been determined that there is not sufficient water available for Parks to acquire for the sewage treatment plant project as it was originally envisioned. Therefore we have directed our consulting engineers to work on another option that does not require the purchase of augmentation water.*

2. The request shows cash funds and federal funds. But the list of cash sources, includes reappropriated funds. Why doesn't the CC-C show a breakdown between CF, RF, and FF? If the request includes RF, please submit a revised CC-C form to reflect the amounts requested from each source.

*The division believes the mention of the funds as "reappropriated" in the narrative was incorrect. The division believes the CC-C form is correct in NOT showing these as reappropriated. The division received cash payment for the loss from the insurers in FY 07-08. The funds were deposited in Parks' cash funds. The State Controller, under his statutory authority, has authorized the spending authority for insurance proceeds for use on this project. That being the case, the funds will not be shown in other line items in the FY 09-10 Long Bill (i.e., in other line items for other agencies in addition to the Parks line item) and therefore would not be considered reappropriated to the Division of Parks and Outdoor Recreation.*

3. Please provide a one-sentence description of each of the six options for the sewage treatment systems: discharging facultative lagoons, discharging aerated lagoons, evaporative lagoon, evapotranspiration beds, advanced

**Fiscal Year 2009-10 Capital Construction Request**

**Natural Resources -- Parks**

*Park Infrastructure Improvements*

treatment discharging aerated lagoons, or a mechanical plant.

*The alternative selected was the mechanical plant utilizing the flat plat membrane bioreactor package plant. The wastewater treatment facility will consist of an influent pump station, sewage screening and a steel package plant containing the bioreactor membrane equipment and miscellaneous pumps, blowers, valves, piping and controls. The package plant will be enclosed in small building for protection from the elements. This facility will produce high quality effluent with limited operator attention.*

Discharging Facultative Lagoons

*This is a wastewater treatment process utilizing sewage lagoons to treat the wastewater without the addition of air through mechanical means. The effluent from the lagoons is discharged into an unlined pond where it will seep into the ground or evaporate.*

Discharging Aerated Lagoons

*This is a wastewater treatment process utilizing sewage lagoons to treat the wastewater with the addition of air through mechanical means. The effluent from the lagoons is discharged into an unlined pond where it will seep into the ground or evaporate.*

Evaporative Lagoons

*This is a wastewater treatment process utilizing sewage lagoons to treat the wastewater without the addition of air through mechanical means. The effluent from the lagoons is discharged into a lined pond where the effluent will evaporate.*

Evapotranspiration (ET) Fields

*This is a wastewater treatment process utilizing septic tanks to complete primary wastewater treatment and complete consumption of the effluent by evaporation and transpiration from a lined sand filled bed with a vegetative cover.*

Advanced Treatment Discharging Aerated Lagoons

*This is a wastewater treatment process utilizing sewage lagoons to treat the wastewater with the addition of air through mechanical means. The effluent from the lagoons is further treated with a mechanical filter and discharged into an unlined pond where it will seep into the ground or evaporate.*

Mechanical Plant

*This is a wastewater treatment process utilizing a package mechanical wastewater treatment process. For this project a flat plate membrane bioreactor package plant would be utilized. The effluent from the lagoons is discharged into an unlined pond where it will seep into the ground or evaporate.*

**IMPACT ON OPERATING BUDGET**

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

*Park Infrastructure Improvements*

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### PROJECT SCHEDULE

	Start Date	Completion Date
Physical Planning	July 2009	June 2010
Construction	July 2010	June 2012
Equipment		
Occupancy		June 2012



# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### State Trails Grant Program

#### PROGRAM PLAN STATUS

1995-028

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

#### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	11 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$500,000	\$2,000,000	\$667,000	\$2,001,000	\$5,168,000
CFE	\$4,463,000	\$0	\$0	\$0	\$4,463,000
FF	\$7,374,000	\$1,000,000	\$1,000,000	\$3,000,000	\$12,374,000
<b>Total</b>	<b>\$12,337,000</b>	<b>\$3,000,000</b>	<b>\$1,667,000</b>	<b>\$5,001,000</b>	<b>\$22,005,000</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$1,399,000	\$3,000,000	\$1,667,000	\$5,001,000	\$11,067,000
Construction	\$10,938,000	\$0	\$0	\$0	\$10,938,000
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$12,337,000</b>	<b>\$3,000,000</b>	<b>\$1,667,000</b>	<b>\$5,001,000</b>	<b>\$22,005,000</b>

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting a combination of cash funds and federal funds spending authority for the State Trails Program, which is administered by the division. The State Trails Program has provided grant assistance to local communities and trails organizations since 1971 for planning, design, and construction of trails. The program: (1) provides technical assistance and training on trail design, development, and maintenance; (2) provides public information regarding trails through maps, newsletters, and electronic media; (3) encourages volunteerism and public stewardship; and (4) coordinates with agencies and communities on trails and greenways as part of plans for development, transportation and utility corridors, recreation, and habitat protection.

The program has an annual application and approval process. The State Trails Committee oversees the grant selection process. Trail grant applications were due on November 1, 2008, and will be reviewed for approval in May 2009 by the State Trails Committee, the Great Outdoors Colorado Board, and the State Parks Board. Projects will include construction, maintenance or enhancements to new or existing trails or trailheads, trail planning or inventory, trails training, adopt-a-trail development, trail education, signage, trail volunteer capacity, and equipment for trail construction, maintenance, or snow grooming. Grantees have three years to complete their trail projects.

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *State Trails Grant Program*

#### PROJECT JUSTIFICATION

The division says 90 percent of Coloradans use trails, and trails and greenways are the most important way that residents and visitors experience Colorado's outdoors. According to Parks, eliminating funding for this program would jeopardize the availability of trails statewide and result in the loss of expertise and assistance that enable communities to provide trails, greenways, and other recreational routes. The division believes that trails are vital to the economic health of many communities.

#### PROGRAM INFORMATION

See Project Description / Scope of Work.

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is not being funded with state money.

#### PROJECT STATUS

This is an ongoing project. The FY 2007-08 appropriation was used to award trail grants to the recipients/projects listed below.

- State Parks Youth Corp projects
- Front Range Peak Stewards Colorado Fourteeners Initiative
- Youth Corps GPS training and capacity building
- Dillon Road trail condition surveys
- Brainard Lake recreation strategy planning
- Cement Creek bridge and trail design
- Cheyenne County trail to healthy living
- Rocky Mountain Youth Corp 2008 Partnership for Stewardship
- Wildands Restoration Volunteers
- 2008 Volunteers for Outdoor Colorado trail maintenance projects
- Wilderness Trail Maintenance through Partnerships
- South Colony Lakes Basin trail and campsite relocation and reconstruction
- reconstruction of United State Forest Service San Carlos Ranger District
- trail improvements and amenities at Summit Lake Park
- City and County of Denver
- Del Norte Area Trails master plan
- Kiowa County Natural Area
- pinery access to Cherry Creek regional trail
- Douglas County Neat Meadow Trail
- Jefferson County Groomer Transport Truck
- Wolf Creek Trail Blazers Snowmobile Club creating sustainable trails for all generations
- Salida Mountain Trails tool cache
- Colorado Legends & Legacies Youth Corp 2008 Stewardship program
- Broken Hand Pass trail stabilization and restoration
- Clear Lake Trail maintenance
- Roaring Fork Outdoor Volunteers 2008 trail projects
- Opal Hill and Shooks Bottom Trail enhancement project
- Mount Yale Trail alignment

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### State Trails Grant Program

- Poudre River Trail corridor alignment and improvements
- Larkspur Trail and Arapahoe Road bridge underpass feasibility study

#### SOURCE OF CASH FUNDS

The sources of cash funds for this project are moneys from the Great Outdoors Colorado (GOCO) Trust Fund (\$2,000,000), and federal grants (\$1,000,000). The division's combined operating and capital request for FY 2009-10 includes \$13.7 million in lottery funds. The division has \$14.8 million available, including \$0.9 million unallocated fund balance from lottery distributions in prior years, and an estimates a \$12.0 million distribution in FY 2008-09 plus \$0.6 million interest earnings. The division also anticipates receiving \$2.0 million in GOCO legacy grants in FY 2009-10.

#### STAFF QUESTIONS AND ISSUES

1. How much of the federal funds for this request is for the RTP grant versus the LWCF grant? Please provide the anticipated dollar amount for each grant.

*Federal grant funds vary annually based on the final allocation determined at the national level. Generally, 60% to 70% of the grant funds are from the Recreational Trails Program and 30% to 40% is from the Land and Water Conservation fund. State Parks anticipates \$500,000 from the RTP grant and \$300,000 from the LWCF grant. These amounts are estimates of federal grant funds for State Trails program in FY09-10.*

#### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

#### PROJECT SCHEDULE

	Start Date	Completion Date	Remarks
<b>Physical Planning</b>	November 2009	April 2010	Grant applications accepted 11/1/09. Grant review process 12/1/09 to 1/15/10. Grants awarded 5/15/10.
<b>Construction</b>	June 2010	December 2012	Grantees have 2.5 years to complete projects.

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

*Water Acquisition / Lease Options and Dam Repairs (Water Resources Program)*

### PROGRAM PLAN STATUS

1995-095

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	12 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$600,000	\$880,000	\$900,000	\$2,700,000	\$5,080,000
CFE	\$7,529,000	\$0	\$0	\$0	\$7,529,000
<b>Total</b>	\$8,129,000	<b>\$880,000</b>	\$900,000	\$2,700,000	\$12,609,000

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$8,129,000	\$880,000	\$900,000	\$2,700,000	\$12,609,000
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$8,129,000	<b>\$880,000</b>	\$900,000	\$2,700,000	\$12,609,000

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting cash funds spending authority to pursue water management plans and to inspect and maintain existing dams at certain water-based state parks. The management plans help protect water levels, water quality, and the natural environment in the parks, and will assure that meet water needs for recreation and environmental quality are met. Additionally, dam repairs will maximize the use of acquired water. The project's key objectives are to:

- pursue permanent water rights purchases to augment water levels at prioritized park sites;
- lease water on an annual basis to augment water levels at Boyd Lake, Cherry Creek, Arkansas Headwaters, and other sites;
- enter into and maintain management agreements with other water rights holders to affect storage and release of water to benefit recreational purposes; and
- perform dam maintenance and repairs at dams owned by the division, with priorities at Steamboat Lake and Highline State Parks.

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Water Acquisition / Lease Options and Dam Repairs (Water Resources Program)*

This year's request will allow the division to pursue the following anticipated projects:

1. water acquisition / lease projects (\$600,000);
2. Steamboat dam maintenance, including investigation and design of repairs needed in the outlet tower, and design and installation of drains, grading, and riprap used to prevent erosion (\$190,000); and
3. Highline dam maintenance, including monitoring dam stability, hiring divers to clear and inspect the outlet gate, and performing maintenance on the toe drain and spillway (\$90,000).

Total - \$880,000

### PROJECT JUSTIFICATION

Parks states that capital improvements such as dam repairs and gauging devices help maximize the use of water that the division obtains. Dam repairs are also needed to protect downstream residents and property owners from the failure of state-owned dams. Restoration will bring the dams into compliance with the minimum required conditions, preventing the failure or restriction of dams. According to the division, the Highline dam was built on unstable ground and parts of the dam have not been inspected since it was built in 1965. The Highline dam is classified as a high hazard facility by the State Engineer's Office, which means that dam failure would cause significant loss of life and property damage. The Steamboat dam does not meet current design standards for structural stability, and erosion has increased the risk of dam failure, says Parks.

The division says if water issues are not addressed, water levels in state-managed reservoirs and streams can drop significantly, water quality is often degraded, and the natural environment in general can suffer. Also, losing opportunities to acquire water rights leases to enhance recreation opportunities at state parks would have a significant negative impact on Park's revenues and may diminish the experience for park visitors.

### PROGRAM INFORMATION

The division says the water resource program for state parks was established in 1984 as a means to protect water levels at Cherry Creek Reservoir. Since then, the program has grown to include water management plans for all 41 parks in Colorado. According to the division, 75 percent of the parks have reservoirs or rivers as a key resource base to serve park visitors, so maintaining sufficient water levels for recreation is one of the division's high priorities.

The division notes it does not own very much of the water at the water-based parks in the system. Other water rights holders (e.g., irrigation districts, the federal government, and local municipalities) own most of the reservoirs and accompanying water that are managed for recreation by Parks. Given the large amounts of water involved in providing quality water-based recreation, the division has adopted a comprehensive plan of timely water leases and strategic statewide water purchases to enhance reservoir elevations. The division states that purchasing large volumes of water is too expensive to be cost-effective on a regular basis, hence the need for annual leasing.

The division acquires water for its 41 water-based state parks through various means such as conventional purchases, water options and leases, cooperative agreements with water users, and leasing or purchasing storage space in reservoirs. The division has developed a long-term plan to prioritize water needs and acquisition. The plan includes: (1) groundwater development of Cherry Creek; (2) multiple cooperative agreements for Chatfield State Park; (3) providing in-stream flows below Steamboat Lake; (4) supplemental water leases for Boyd Lake; (5) lease for stream flow augmentation and additional upstream storage at the Arkansas Headwaters Recreation Area; and (6) purchase of a permanent water supply for Lake Trinidad.

Three main criteria are used to identify and prioritize projects for acquisition or lease, says Parks:

1. the amount of water needed to keep a particular park operational;
2. the amount of money available to make particular repairs (costly repairs at one park become a lower priority than

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

*Water Acquisition / Lease Options and Dam Repairs (Water Resources Program)*

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similar but less expensive repairs at another park); and

3. the ability of a park to generate revenue, based on visitation.

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is not being funded with state money.

### PROJECT STATUS

This is an ongoing project. The division was asked to provide information about projects funded in FY 2007-08 and FY 2008-09 (see Attachment A for the division's responses).

### SOURCE OF CASH FUNDS

The sources of cash funds for this project are moneys from the Great Outdoors Colorado (GOCO) Trust Fund (\$100,000) and lottery funds (\$780,000). The division's combined operating and capital request for FY 2009-10 includes \$13.7 million in lottery funds. The division has \$14.8 million available, including \$0.9 million unallocated fund balance from lottery distributions in prior years, and an estimates a \$12.0 million distribution in FY 2008-09 plus \$0.6 million interest earnings. The division also anticipates receiving \$2.0 million in GOCO legacy grants in FY 2009-10.

### STAFF QUESTIONS AND ISSUES

1. According to the CC-C support information form, \$600,000 is requested for water acquisition and lease projects. Please provide a list of water acquisition / lease projects to be funded by this request.

*See Attachment A.*

2. Please provide a list of projects (and amounts) funded in FY 2007-08 and thus far in FY 2008-09.

*See Attachment A.*

### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The project has no impact on state operating costs.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

*Water Acquisition / Lease Options and Dam Repairs (Water Resources Program)*

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### PROJECT SCHEDULE

	Start Date	Completion Date
<b>Physical Planning</b> <b>Construction</b> <b>Equipment</b> <b>Occupancy</b>	The division says that specific projects will be identified at the conclusion of the technical energy audit conducted by Energy Services Company, around November or December 2009. The first round of projects will begin in January 2010 and will be completed by June 2010.	

## Water Acquisition / Lease Options and Dam Repairs (Water Resources Program)

<b>Projects to be Funded in FY 2009-10</b>			
<b>Park</b>	<b>Water Acquisition / Lease Project</b>	<b>Amount</b>	<b>Status</b>
Arkansas Headwaters	Water and Storage Lease	\$ 150,000.00	09-10 pending
Cherry Creek	Water and Storage Lease	\$ 275,000.00	09-10 pending, the amount allocated to Cherry Creek may change
Rifle Gap	Water and Storage Lease	\$ 25,000.00	09-10 pending
St Vrain	Water and Storage Lease including engineering and legal support	\$ 100,000.00	09-10 pending
Staunton	Water and Storage Lease including engineering and legal support	\$ 50,000.00	09-10 pending
<b>Total</b>		\$ 600,000.00	

<b>Projects Funded in FY 2008-09</b>			
<b>Park</b>	<b>Water Acquisition / Lease Project</b>	<b>Amount</b>	<b>Status</b>
Arkansas Headwaters	Water and Storage Lease	\$ 150,000.00	08-09 lease pending; signatures by 3-31-09
Trinidad	Capital Construction / Gauging Stations	\$ 175,000.00	08-09 completed
Cherry Creek	Water and Storage Lease	\$ 275,000.00	08-09 completed
<b>Total</b>		\$ 600,000.00	



**Water Acquisition / Lease Options and Dam Repairs (Water Resources Program)  
(continued)**

<b>Projects Funded in FY 2007-08</b>			
<b>Park</b>	<b>Water Acquisition / Lease Project</b>	<b>Amount</b>	<b>Status</b>
Arkansas Headwaters	Water and Storage Lease	\$ 150,000.00	07-08 completed
Cherry Creek	Water and Storage Lease	\$ 325,000.00	07-08 completed
Golden Gate Canyon	Water Acquisition (well drilling, not purchase of water rights)	\$ 50,000.00	07-08 pending, expected to complete drilling by 6-30-09
Mueller	Water Acquisition (well drilling, not purchase of water rights)	\$ 50,000.00	07-08 completed
Trinidad	Capital Construction / Gauging Stations	\$ 25,000.00	07-08 completed
<b>Total</b>		\$ 600,000.00	

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Energy Efficiency and Greening*

#### PROGRAM PLAN STATUS

2010-001

Approved Program Plan?  Date Approved:

The project is in conformance with the strategic plan called "Horizons" approved by the Colorado State Parks Board in June 2008.

#### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	13 of 13	
OSPB	N/A of 44	OSPB recommends that all cash projects be funded, but also assigned cash priorities.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$0	\$1,500,000	\$1,500,000	\$4,500,000	\$7,500,000
<b>Total</b>	<b>\$0</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$4,500,000</b>	<b>\$7,500,000</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$109,055	\$100,000	\$300,000	\$509,055
Construction	\$0	\$1,323,945	\$1,400,000	\$4,200,000	\$6,923,945
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$67,000	\$0	\$0	\$67,000
<b>Total</b>	<b>\$0</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$4,500,000</b>	<b>\$7,500,000</b>

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Division of Parks and Outdoor Recreation (Parks), is requesting cash funds spending authority to implement energy efficiency improvement projects in division facilities statewide. The projects will make physical improvements in various facilities with the goal of saving between 20 and 30 percent annually in energy costs, and will also convert to the use of alternative and renewable energy sources as much as possible.

The division hired the Energy Services Company to perform a technical energy audit to identify energy conservation and efficiency improvements in the more than 950 Parks facilities. The division says that until the audit is completed it cannot identify the projects that will be funded by this request. However, the division anticipates that this will be an ongoing request.

#### PROJECT JUSTIFICATION

The division says that its energy costs have escalated at an average rate of 11.6 percent per year over the last 8 years and Parks anticipates that these costs will continue to escalate in the future. Parks suggests that fiscal constraints may limit the state's ability to increase the division's operating budget to allow for these escalating energy costs. Unless the division realizes cost savings there is a possibility the staffing or programs might be cut, says Parks.

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Energy Efficiency and Greening*

The division says that energy prices will increase in the future due to a diminishing supply of fossil fuels, global competition for energy resources, and increases in electricity prices to mitigate global warming and climate change. A preliminary estimate by the company hired to complete the energy audit suggests that a \$3 million investment in energy efficiency capital improvements could realize a 20 to 30 percent reduction in energy costs.

**Alternative.** The division considered entering into a lease-purchase agreement in order to finance some or all of the identified energy efficiency improvement projects under an energy performance contract as authorized by the Governor's Energy Office. However, the division says this funding mechanism would not significantly mitigate escalating energy costs in a timely fashion.

### PROGRAM INFORMATION

Parks has about 950 structures on two million square feet of land. Many of the division's facilities are 50 years old and were built without consideration of conserving energy resources, says Parks.

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because the project is funded from cash sources, not state sources.

### PROJECT STATUS

This is a new project. The energy audit will be funded from a FY 2008-09 appropriation.

### SOURCE OF CASH FUNDS

The sources of cash funds for the project are the Great Outdoors Colorado (GOCO) Trust Fund (\$750,000) and lottery funds (\$750,000). The division's combined operating and capital request for FY 2009-10 includes \$13.7 million in lottery funds. The division has \$14.8 million available, including \$0.9 million unallocated fund balance from lottery distributions in prior years, and an estimates a \$12.0 million distribution in FY 2008-09 plus \$0.6 million interest earnings. The division also anticipates receiving \$2.0 million in GOCO legacy grants in FY 2009-10.

The division says the project is eligible for up to \$3.6 million in energy rebates, grants and other incentives, including an Environment Protection Agency grant (\$1.8 million), Great Outdoors Colorado grants (\$0.5 million); Foundation grants (\$0.25 million), and utility rebates (\$1.0 million).

### STAFF QUESTIONS AND ISSUES

1. Has the energy audit commenced? If so, please provide an update on the audit so far. Have any projects been identified for completion in FY 2009-10?

*The energy audit has not commenced yet. Over the past ten months the division has been working with the Governor's Energy Office on how best to go about conducting the audit. The division has negotiated a contract with an ESCO to conduct the audit. The contract is essentially complete, is awaiting final signatures, and work should begin within the next 90 days. The specific energy savings projects will be identified in the recommendations in the report that will be prepared under the ESCO contract. In the meantime, we have identified a project at Lake Pueblo to install a natural gas distribution system. Currently the park heats with electric heat which is very expensive.*

2. Please identify the line item of the FY 2008-09 appropriation of \$150,000, of which the energy audit is being funded.

*The contract will be funded from Unallocated Lottery funds , which are generally from unexpended, reverted balances in previous lottery line item appropriations (it is set up on COFRS under LBLI PX013). The actual amount of the contract with the ESCO is \$109,055.*

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

### *Energy Efficiency and Greening*

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3. When will the division apply for the energy rebates, grants, and incentives referenced in the CC-C narrative?

*The division will be able to identify and apply for the energy rebates, grants, and incentives after the ESCO contract is started and the ESCO energy survey is performed. One of the services the ESCO contractor will provide is to help the Division identify and apply for grants, rebates etc.*

4. The request says that a \$3 million investment in energy efficiency capital improvements could realize a 20 to 30 percent reduction in energy costs. Is this based on a one-time investment of \$3 million, or an annual \$3 million investment? If annual, for how many years?

*We expect that EMC Engineers, Inc., our ESCO consultants, will be able to identify at least 20% reduction in energy costs across the division. Currently, the division's total energy bill is around \$1.1 million per year. In order to achieve savings of \$220,000 (20% of the total average energy costs), the division of State Parks cannot assume a one-time investment. Most likely, the division will begin with relatively small investments in conservation and procedural changes at our existing facilities in the first year of the energy efficiency implementation, and, as new structures are constructed, the design will include a maximum practical level of energy savings and possibly the LEED certification. The division will assess each individual energy savings project before it is begun to insure that the expected returns from energy savings justify the capital investment. If more viable projects are identified than can be funded with \$3 million, the division will consider additional funding for future years. At the present time only a one-time \$3 million investment is planned.*

5. About what percentage of the division's 950 facilities are 50 years old? How many have been built in the past five years, and what is the assessment of the energy efficiency of the more recently constructed facilities versus the 50-year-old facilities?

*This information is not available at the present time. In the coming months the division plans to undertake a formal, intensive inventory of all its physical assets. This inventory will include identifying all the assets and determining their condition. The ESCO energy audit MAY piggyback on this effort such that an assessment of energy efficiency and potential for improving efficiency will be one part of the overall fixed asset inventory. This project will take many months to complete.*

*Generally speaking, based on anecdotal evidence, those buildings constructed in the last five years are more energy efficient than older buildings. This has not been confirmed through an actual inventory and assessment.*

6. The project is not required to comply with LEED certification requirements in state law because it is funded from cash sources. However, given the nature of the project, will the division make any attempts to meet some of these requirements anyway? If so, in what ways?

*The division intends to attempt following the LEED certification requirements where it may be practicable.*

7. Please identify the source of the foundation grants for this project.

*These are unknown at this time. The Governor's Energy Office and the ESCO believe there are numerous foundation grant programs which might be potential sources.*

# Fiscal Year 2009-10 Capital Construction Request

## Natural Resources -- Parks

*Energy Efficiency and Greening*

### IMPACT ON OPERATING BUDGET

	1st Year	2nd Year	3rd Year	Total
Personnel Services	The division says it cannot calculate the impact on operating costs until the audit is complete, but it anticipates that the project will reduce energy costs from 20 to 30 percent.			
Maintenance				
Utilities				
Supplies/Equipment				
Other				

### PROJECT SCHEDULE

	Start Date	Completion Date	Remarks
<b>Construction</b>	January 2010	June 2010	Specific projects will be identified at the conclusion of the audit in November or December 2009.