

PANCHO VILLA STATE PARK

MANAGEMENT AND DEVELOPMENT PLAN

DIRECTOR'S Approval _____ **Date** _____

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SECRETARY'S Approval: _____ **Date:** _____

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PREFACE

Each state park administered and managed by the State Parks Division (SPD) of the New Mexico Energy, Minerals, and Natural Resources Department (EMNRD) is required to establish a Park Management and Development Plan. [Reference: Title 19, Chapter 5, Part 3 of the New Mexico Administrative Code (19 NMAC 5.3). The objectives of these plans are to provide direction for the management and development of the state parks in a manner that enhances recreational opportunities, protects park resources, provides for public input, and protects the natural environment. In essence, each plan will identify an overall management philosophy, and then outline a specific strategy for achieving management goals over a five-year period. [Reference: Section 13 of the *New Mexico State Parks Division's State Parks Policy and Procedures Manual.*]

The planning process for the Management and Development Plan (Plan) consists of: establishing a planning team for each state park; conducting an on site inspection/assessment of the park, its resources, and facilities; analyzing all information compiled on the park; proposing goals and related activities to be completed over the next five years; developing a draft Plan for each park; soliciting public input on the draft Plan and revising it as appropriate; approval of the revised Plan by the Division Director and the Cabinet Secretary; and implementation of the approved Plan by the Park Manager/Superintendent.

Any and all comments or recommendations concerning the Pancho Villa State Park (PVSP) Management and Development Plan should be directed to:

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I. EXECUTIVE SUMMARY

A. INTRODUCTION

The mission of the SPD is to “protect and enhance natural resources, provide recreational facilities and opportunities, and promote public safety and education to benefit and enrich the lives of the visitors.” This mission is fulfilled at PVSP through the protection of its natural and cultural resources, while providing the opportunity for an overall quality outdoor experience for our visiting public. The overall goal is to continue offering high quality services in a safe and efficient manner, while making improvements to broaden the recreational and educational experiences of PVSP visitors. This plan sets forth specific objectives, policies, improvements, and changes, which are proposed for implementation through fiscal year FY06 (July 1, 2001-June 30, 2006).

B. SUMMARY of PROPOSED ACTIONS and POLICIES

1. PROPOSED ACTIONS

Tables 1-5 provide a detailed list of the proposed actions for the planning period. The park has identified four major goals in which tasks are identified for completion. These tasks are prioritized within each fiscal year.

TABLE 1
Action Plan Overview
FY 2001

GOAL	PRIORITY	TASK	FY	ESTIMATED COST	FUNDING SOURCE	PAGE
1. Public Safety	2	Install split rail fence at Group Shelter #2	01	\$800	AOB	21
2. Resource Protection	1	Purchase tract 2 property	01	\$3,000	AOB	14
	4	Install drip irrigation system at North Campground	01	\$700	AOB	17
3. Develop and Maintain Facilities	3	Relocate Campsite #19	01	\$2,200	AOB	20
4. Education/ Interpretive Program	5	Acquire exterior metal information signage.	01	\$5,000	AOB	20
	Total Proposed Expenditures				\$11,700	

FUNDING SOURCE: **AOB** (Annual Operating Budget-Parks Division); **CIP** (Capital Improvements Program-Parks Division); **DJ** (Dingell-Johnson: NM. Dept. of Game and Fish); **TRAILS** (Federal Highway Administration funds); **INM** (Inmate Parks); **IWC** (Inmate Work Program); **PVT** (Private Sector/Volunteers/Friend Groups); **TBD** (To Be Determined); **YCC** (Youth Conservation Corps Program).

**TABLE 2
Action Plan Overview
FY 2002**

GOAL	PRIORITY	TASK	FY	ESTIMATED COST	FUNDING SOURCE	PAGE
1. Public Safety	1	Install vehicle traffic passage barriers at recreation hall area walk bridge	02	\$200	AOB	22
2. Resource Protection	6	Survey and fence park boundaries <i>(this needs to happen before land acquisition)</i>	02	\$5,000	AOB	14
	2	Purchase adjacent 48.92 acres	02	\$50,000	LWCF	14
3. Develop and Maintain Facilities	3	Install modular park residence	02	\$70,000	CIP	21
	5	Develop (2) volunteer host sites	02	\$6,000	AOB	21
	6	Install replacement pyramid shelters at Sites # 13 - # 25	02	\$40,000	CIP	20
4. Education/ Interpretive	7	Upgrade museum video equipment	02	\$2,500	AOB	20
	8	Complete renovation of 1916 display Dodge	02	\$700	PVT	20
	Total Proposed Expenditures				\$174,400	

FUNDING SOURCE: AOB (Annual Operating Budget-Parks Division); CIP (Capital Improvements Program-Parks Division); DJ (Dingell-Johnson: N.M. Dept. of Game and Fish); TRAILS (Federal Highway Administration funds); INM (Inmate Parks); IWC (Inmate Work Program); PVT (Private Sector / Volunteers/Friend Groups); YCC (Youth Conservation Corps Program); TBD (To Be Determined); LWCF (Land and Water Conservation Fund).

**TABLE 3
Action Plan Overview
FY 2003**

GOAL	PRIORITY	TASK	FY	ESTIMATED COST	FUNDING SOURCE	PAGE
1. Public Safety	5	Install solar lighting for South Campground pay station	03	\$2,000	CIP	14
3. Develop and Maintain Facilities	1	Construct 10,000 sq./ft Visitor Center with museum and office complex	03	\$1,500,000	TBD	14
	2	Install shop building	03	125,000	CIP	21
	3	Install Fencing for Equipment Yard	03	\$1,500	AOB	21
4. Education/ Interpretive	4	Research / Field Study on Archival History and Historic Building	03	\$10,000	TBD	20
	Total Proposed Expenditures			\$1,638,500		

FUNDING SOURCE: AOB (Annual Operating Budget-Parks Division); CIP (Capital Improvements Program-Parks Division); DJ (Dingell-Johnson: N.M. Dept. of Game and Fish); TRAILS (Federal Highway Administration funds); INM (Inmate Parks); IWC (Inmate Work Program); PVT (Private Sector / Volunteers/Friend Groups); TBD (To be Determined); YCC (Youth Conservation Corps Program).

TABLE 4
Action Plan Overview
FY 2004

GOAL	PRIORITY	TASK	FY	ESTIMATED COST	FUNDING SOURCE	PAGE
1. Public Safety	4	Rehab exterior light system at North Group Shelter	04	\$500	AOB	21
2. Resource Protection	5	Cultural & Natural Resource Survey	04	\$10,000	TBD	20
3. Develop and Maintain Facilities	2	Expand day use area at South Campground	04	\$20,000	TBD	21
	3	Replace roof on North Group Shelter	04	\$2,000	AOB	21
4. Education/ Interpretive	1	Research / catalog acquired Museum Archives	04	\$10,000	TBD	20
	Total Proposed Expenditures				\$42,500	

FUNDING SOURCE: **AOB** (Annual Operating Budget-Parks Division); **CIP** (Capital Improvements Program-Parks Division); **DJ** (Dingell-Johnson: N.M. Dept. of Game and Fish); **TRAILS** (Federal Highway Administration funds); **INM** (Inmate Parks); **IWC** (Inmate Work Program); **PVT** (Private Sector / Volunteers/Friend Groups); **TBD** (To Be Determined); **YCC** (Youth Conservation Corps Program).

**TABLE 5
Action Plan Overview
FY 2005**

GOAL	PRIORITY	TASK	FY	ESTIMATED COST	FUNDING SOURCE	PAGE
2. Resource Protection	5	Develop 10 additional primitive camp sites at North Campground	05	\$2,000	AOB	21
3. Develop and Maintain Facilities	1	South Comfort Station replacement	05	\$220,000	CIP	21
	4	Demolition of old Shop Building & Equipment Yard	05	\$1,000	AOB	21
	2	Pave existing gravel roads	05	\$50,000	CIP	22
	3	Install ADA accessible / required parking at Day Use Expansion Area	05	\$1,500	AOB	23
	Total Proposed Expenditures				\$274,500	

FUNDING SOURCE: AOB (Annual Operating Budget-Parks Division); CIP (Capital Improvements Program-Parks Division); DJ (Dingell-Johnson: N.M. Dept. of Game and Fish); TRAILS (Federal Highway Administration funds); INM (Inmate Parks); IWC (Inmate Work Program); PVT (Private Sector / Volunteers/Friend Groups); TBD (To Be Determined); YCC (Youth Conservation Corps Program).

2. POLICY DIRECTIVES

The policy directives summarized below have been developed to support and carry out the overall mission of PVSP during the planning period:

- a. Continue to upgrade and expand facilities and infrastructure; protect the natural and cultural resources; and provide a better visitor experience.
- b. Develop a quality and viable interpretive program to maximize interpretive opportunities at PVSP.

II. PARK DESCRIPTION

A. BACKGROUND

A state park was created 32 miles south of Deming, at the intersections of State Highway 9 and State Highway 11 to commemorate the Pancho Villa Raid on Columbus, New Mexico and to promote better relations between the United States and Mexico. PVSP was dedicated on November 18, 1961 by Governor Edwin Mechem.

PVSP is located in Columbus, New Mexico on 61 acres of the historic Camp Furlong, an Army Camp. It is owned by Energy, Minerals, and Natural Resources Department (EMNRD), State Parks Division. (See Appendix B-2; Regional Location)

B. KEY FEATURES

PVSP lies just east of the Continental Divide at an elevation of 4,050 feet. It is located in the Chihuahuan Desert amidst a bountiful amount of desert cacti, botanical gardens, and wildlife. The park is located 3 miles north of Mexico, and has rich cultural and historic features. It was the site of the last invasion of the continental United States by foreign troops. The park and town of Columbus have been designated as a National Historic Landmark. There are two museums, one in the customs house in the park, and the Columbus Historical Society Museum, which is privately owned and located in the village of Columbus.

The primary recreational activities at PVSP are camping, picnicking, bird watching and hiking. The Park also features viewing of historical exhibits, wildlife and botanical gardens. The mild weather averaging 59 degrees during winter months draws many visitors to the park.

III. VISITATION AND REVENUE

A. VISITATION

TABLE 6
Annual Visitation

FISCAL YEAR	VISITATION
99	63,406
98	66,834
97	96,570
96	162,839
95	170,288

Due to a change in policy enforcement in 1997, the 14-day camping limit was more strictly enforced. This resulted in a more accurate visitor count.

PVSP receives its highest visitation during the fall and winter months (from October to March). Mild winters at PVSP attract full-time RV campers, that are commonly referred to as “snowbirds.”

No formal survey of visitor use trends has been conducted at PVSP, however by maintaining daily camping lists and through employee observation it has been determined that senior citizen campers contribute the largest percentage of the park revenue.

Day use activity at the park is primarily comprised of tourists who also visit nearby attractions such as City of Rocks State Park and Rockhound State Park. The proximity of PVSP to the Mexican Border contributes significantly to park visitation.

B. REVENUE

TABLE 7
Self Generated Revenues

Fiscal Year	Self Generated Receipts	Total
99	\$86,281	\$86,281
98	\$91,290	\$91,290
97	\$83,695	\$83,695
96	\$71,260	\$71,260
95	\$76,441	\$76,441
AVERAGE	\$81,797	

PVSP generates an average of \$81,797 annually, as depicted in Table 7. The park's only source of revenue is through self-generated fees, which include day use, overnight camping, and other services such as the rental of the group reservation area, special use permits and merchandise items. Park fees are collected at three self-pay stations located at the park entrance, at the south campground, and at the visitor center. All the pay stations are adequately lighted with the exception of the pay station located at the south campground. This pay station has been identified to have a photovoltaic lighting system installed in FY 03 at an estimated cost of \$2,000 funded through CIP.

Most of the revenues collected at PVSP are from camping. The planned acquisition of an adjacent 48.92 acres of land in FY 02 at an estimated cost of \$60,000 funded through LWCF may result in increased camping and visitation. In FY 03 the construction of a 10,000 sq. ft. museum/visitor center is planned at an estimated cost of \$1,500,000 through CIP funding. It is anticipated the completion of this project will also increase visitation and revenues for the park. Additionally, 10 primitive campsites are planned at the north campground in FY 05 at an estimated cost of \$2,000 funded through AOB.

IV. EXISTING OPERATIONS/FACILITIES AND PROPOSED ACTIONS

A. OPERATIONS AND MANAGEMENT

Lands/Realty

Originally, the park site was a 34-acre tract of land owned by Mr. Arthur J. Evans and rented to the Columbus Development Board. In 1961 Senator Ike Smalley among others was interested in creating a tourist attraction with this land. They went as far as contacting the Columbus Development Board and actually agreed to pay the annual rent on the land.

In the mid-1970's, the New Mexico State Parks Division purchased the original 34 acres of land and an additional 4 acres from Mr. Evans. In the early 1980's the State Parks Department purchased the remaining acreage to complete the park land acquisition. Recently it was discovered that the State Parks Division does not own the (0.48 acres) shown in Appendix D. This acreage will be purchased at an estimated cost of \$3,000 in FY 01. An additional 48.92 acres bordering the west side of the park will be purchased in FY 02 at an estimated cost of \$50,000.

The boundaries of the park are not entirely determined nor fenced. A survey of the park's boundaries and fencing is planned in FY 02 at an estimated cost of \$5,000.

Hours of Operation

PVSP is open year round for overnight camping and day use. Entrance into the park for day use visitors is between the hours of 7 a.m. and 9 p.m. The office and the visitor center are generally open from 8 a.m. to 5 p.m. every day of the year. The restrooms are available to visitors year round.

Maintenance

Maintenance is carried out as provided in Section 11, Parks Policy and Procedures Manual; and Parks Standards of Use and Care Manual.

Emergencies

Emergencies are handled as provided in Section 5, Parks Policy and Procedures Manual.

Regional Support Services

PVSP is located in Region 3. The Region 3 Administrative Office is located at Elephant Butte Lake State Park in Truth or Consequences. A Regional Manager, Administrator 2, Plant Operations Specialist, Vehicle Mechanic 3 and a Heavy Equipment Operator 3 provide support to the parks in the region.

The Regional Office provides administrative support for the parks.

The regional warehouse stocks park supplies for region-wide distribution. Supplies are purchased in bulk and distributed to the parks in the region. In addition, specialized tools and equipment are maintained at the warehouse and are available for use by the parks.

The mechanic's shop is located at the regional warehouse. The regional mechanic will complete repairs on vehicles and equipment that require the mechanic's specialized experience and tools. Routine maintenance and repairs will be performed at the park level.

Rules and Policies

PVSP uses the standard Division and Department policies for operational guidance. These include EMNRD's policy book, the Division's Standards of Care Manual and the Administrative Service Division's Procedures Manual. State Personnel policies govern the park's personnel procedures. These policy books are kept up to date and employees have access to these books. New employees are required to read and sign all policy books.

B. NATURAL RESOURCES

Geology Resources

PVSP lies in the nearly flat alluvial plain extending southward from the Tres Hermanas Mountains, 7 miles northwest of the park. The alluvial plain consists of gravel, sand and mud derived from the adjacent mountains and transported by streams and sheetwash. The most prominent land feature within the park is Coote's Hill. This hill rises approximately 25 ft. above the flat, desert floor and is composed of reddish-brown to black, vesicular basalt. Gas bubbles formed the vesicles, or irregular cavities, during cooling of the basaltic lava as it flowed from its vent, now covered by the lava. Small xenoliths or fragments of limestone and other rock are found within the basalt. A sample of the basalt was dated as being 3.8 million years old. Geochemically, the Pancho Villa basalt is alkaline and similar in chemical composition to the basalts found in the Potrillo Volcano field south of Las Cruces and east of Columbus.

The Tres Hermanas Mountains are three prominent peaks that consist predominantly of a quartz-monzonite stock that is about 35 million years old. The quartz monzonite has intruded into and is surrounded by a thick sequence of predominantly Paleozoic and Cretaceous sedimentary rocks and tertiary volcanic rocks. Fragments of monzonite, rhyolite, latite, basalt, andesite, chert and limestone, some as large as 1-2 ft. in length, were transported by occasional stream flows from the Tres Hermanas Mountains to the park where they are scattered among the cacti.

The Florida Mountains form the jagged peaks 15 miles north of PVSP. The range consists of Paleozoic through lower Tertiary sedimentary and volcanic rocks overlying Proterozoic and Cambrian granite and syenite plutons. Tertiary rhyolite, diorite, and andesite intrude the older rocks.

Vegetation and Landscaping

PVSP is situated in the Chihuahuan Desert which is dominated locally by creosote bush. The park has abundant vegetation, with botanical gardens throughout the park. These gardens contain many species of cacti, including some from the Sonoran Desert. The many varieties include: prickly pear, disk-shaped pear, porcupine prickly pear, beavertail, cow tongue, tree cholla, Rio Grande cholla, candle cholla, spanish dagger thorn cholla, desert christmas cactus, cane cholla, rat tail cactus, long mamma, night blooming cereus, horse crippler, claret cup, turks head, barrel cactus, century plant/agave, sotol, ocotillo, soap tree, joshua tree and others.

Dominant trees at the park are: desert willow, cottonwood, afghan pine, Arizona cypress and sycamore.

Throughout the park, there are numerous cactus islands that require constant maintenance. The park's staff has installed weed cloth and landscaped with 1" rock to beautify the park grounds and minimize maintenance. The park's staff has also added two drip irrigation systems and plans to install another drip irrigation system at the north campground in FY01 at a cost of \$700, funded through the AOB. These landscaping efforts will ensure that the vegetation at the park will flourish and continue to beautify the park while helping to prevent natural erosion.

Wildlife

The park is located in the Chihuahuan Desert flats and basins, and has many types of wildlife. Mammals routinely observed in the park include ground squirrels, kangaroo mice, cottontail rabbits, jackrabbits, skunks, coyotes, and bobcats. The Florida Mountains located 15 miles to the north of the park support a diverse community of bird, reptile and mammal species.

The list of birds observed in and around PVSP is quite extensive and includes the following species; greater roadrunner, mockingbird, mourning dove, northern harrier, northern-oriole, loggerhead-shrike, larkbunting, ladder backed woodpecker, killdeer, inca-dove, house sparrow, house finch, harlans hawk, great-tailed grackle, gambels quail, red and yellow shafted flicker, also dark eyed junco, coopers hawk, common nighthawk, cactus wren, burrowing owl, brownheaded cowbird, bronzed cowbird, brewer's blackbird, crissals robin, rock dove, ruby-crowned kinglet, sandhill crane, scaled quail, Scott's oriole, starling, swainson's hawk, bendire's, curve-billed thrashers, brown and greentailed towhee's, turkey vultures, verdin, western kingbird, western meadowlark, western tanager, white-crowned sparrow, and white-winged dove. A brochure with this bird list is available to park visitors at the visitor center.

Natural Resource Inventory

No systematic natural resource inventory has been conducted at PVSP, the full extent of the flora and fauna is not clear. An inventory is needed to identify significant natural resources and to support and inform future management and interpretation efforts. The State Parks Planning Bureau will initiate the inventory in FY 04 at an estimated cost of \$10,000, funding is TBD (see Table 4).

C. CULTURAL RESOURCES

Cultural Resource Management

Cultural resources within the park boundaries are subject to state cultural resource protection laws (see Appendix F). Development within the park will be coordinated with the State Park Cultural Resources Planner to avoid impact to significant cultural resources. State Park personnel will work to preserve and protect cultural resources from impacts from the public or environmental factors. Any new facilities construction projects will include cultural resource avoidance or mitigation.

Cultural Resource Inventory

PVSP is part of a National Historic Landmark and a National Register of Historic Places district for historic Camp Furlong. It is significant to both state and national history. Minimal archaeological research has been completed at this park. Although the history and significance of the area is well known, the archaeological features and artifact scatters are not clearly defined.

A cultural resource inventory is necessary at this park to accurately describe and interpret intact features and to determine negative impacts to those features. Much of the PVSP campground has impacted the State Park owned portion of the landmark and a new survey is needed.

A comprehensive survey inventory is recommended for PVSP. This survey and inventory could be conducted at a university-sponsored field school. Cultural resource inventory paired with archival research would help to define existing features and aid in their management.

Archaeological Resources

PVSP could potentially include prehistoric and historic Native American archaeological features. It is possible that features or artifacts related to Archaic hunters and gatherers (AD 200), Mimbres Mogollon occupation (AD 200-1400), or Apache use of the area (AD 1400 - AD 1880) may exist at this park. If so, these Native American artifacts and features were undoubtedly impacted heavily by subsequent historic use of the area.

PVSP is included in the boundaries of LA 12839. This site is a National Historic Landmark and is on the National Register of Historic Places. This is the site of the 1916 raid by Pancho Villa on the town of Columbus and the location of Camp Furlong. This military camp was the headquarters for the punitive expedition made into Mexico in an attempt to capture Pancho Villa.

Historic maps (such as the 1920 Quartermaster General map of the camp) have been overlaid with the existing campground at PVSP. Potential subsurface remnants of Camp Furlong may exist. Archaeological features related to this period may include foundations and artifacts associated with the following Camp Furlong buildings: warehouse, guard house, 10 mess halls, recreation hall, water tanks, 15 officers quarters, officers club, library, a morgue, infirmary buildings, 21 barracks, and 3 bath houses. There are several unidentified buildings as well.

The Civilian Conservation Corps (CCC) also had a presence in this park. Between 1935 and 1938, the CCC carried out several projects within the city of Columbus. The CCC utilized historic Camp Furlong for its headquarters during that period.

Railroad-related features exist at this park including foundations of a signal maintainer's house and pumper's house. These features date to the 1940s.

There is very high potential for other archaeological features throughout the park as well as the potential for thousands of artifacts. It is important that the park have a contingency plan for discovery if they do any ground disturbing work that reveals features or artifacts. If features are revealed, work must cease, and the Cultural Resources Planner for State Parks called to investigate.

Historic Buildings and Structures

There are two buildings and three partially standing adobe ruins that exist within the park. The restored customs house and recreation hall, are located at the north end of the park. The customs house dates from 1902 and contains exhibits about the 1916 Raid, Camp Furlong and the subsequent punitive expedition. The customs house was a significant part of the railroad history of this area.

The recreation hall dates to 1916 and was part of historic Camp Furlong. It has been restored and is still in use today. Two adobe structures that have been tentatively identified as the headquarters building and the judge advocates' office also exist within the park. These two structures have pitched metal roofs and are currently protected by large, metal ramadas and fencing. More archival research is needed to positively identify these structures.

Another concrete structure, the grease rack, is also located within the Park. It is currently interpreted as being part of early Camp Furlong, but it does not appear on early maps and may have been part of the CCC occupation of the area.

D. EDUCATION AND INTERPRETATION

The rich cultural history of PVSP is one of the main attractions contributing to park visitation. The park staff not only interprets this history of the area, but also utilizes the historic buildings for park administration. The U.S. customs house,

built in 1902, serves as the park visitor center and museum. This building houses exhibits and features a video room that shows the documentary film “ Pancho Villa’s Columbus Raid” which is shown daily. The visual and sound quality of the film is inadequate and will be upgraded from VHS to DVD in FY 02, at an estimated cost of \$2,500 funded through the parks AOB. Other exhibits in the building pertain to the Villa Raid on Columbus and subsequent United States punitive expedition into Mexico.

Additionally, SPD, is purchasing several historic vehicles and artifacts with funds appropriated by the 1999 New Mexico Legislature. These items include a 1916 full size replica Curtiss Jenny airplane, a 1915 Jeffrey Quad armored truck, a 1917 FWD truck, a 1916 federal truck, a 1916 Dodge Touring car, and a 1908 Benet-Mercier machine gun. Another 1916 Dodge Touring Car has also been donated and park staff have been restoring it for public display. This restoration will be completed in FY 02 through private funding at an estimated cost of \$700.

Currently there are not adequate facilities to display these historic artifacts, therefore, PVSP is attempting to secure a 10,000 square ft. building in FY03 which will include a museum, exhibits and an office complex for an estimated cost of \$1,500,000, funded through CIP.

Several research activities have been identified for completion under this plan. These activities include a research and field study on archival history and historic buildings to be completed in FY 03 at an estimated cost of \$10,000. Cultural and natural resource surveys are also planned in FY 04 at an estimated cost of \$10,000. Research and cataloging of acquired museum archives are to be completed in FY 04 at an estimated cost of \$10,000. Funding for these three projects is TBD.

Metal informational signs for existing historic structures have been identified to be acquired and installed in FY 01, funded through CIP at an estimated cost of \$5,000.

E. FACILITIES/STRUCTURES

Recreation

At present PVSP has (2) campgrounds designated as north and south which have a total of 57 developed campsites. Each of these sites has a defined parking and camping area, picnic table, fire grill shelter and frost-free water hydrant. To accommodate overflow parking 25 additional electric pedestals have been installed at the south campground. Identified for replacement in FY 02 are 13 camping shelters located in the north campground at an estimated cost of \$40,000 to be funded through CIP. Additionally, site #19 in the north campground is scheduled to be relocated approximately 100 feet northeast of the present location in FY 01 at an estimated cost of \$2,200 funded through the parks AOB.

Presently there are few designated day use sites in the park. Plans in FY 04 include the expansion of the day use area at the south campground, at an estimated cost of \$20,000 funding TBD. Included in this expansion is the addition of an Americans with Disabilities Act (ADA) accessible parking space at an estimated cost of \$1500. Additional expansion of camping facilities to include 10 additional primitive sites at the north campground at an estimated cost of \$2,000 is to be completed in FY 05 and funded through the park's AOB.

The park has two group shelters, one located in the north campground and the other located in the south campground. A split rail fence will be installed at the north group shelter in FY 01 at an estimated cost of \$800 funded through the parks AOB. Additionally, the north group shelter will require a roof replacement at an estimated cost of \$2,000 and have the exterior light system repaired at an estimated cost of \$500. Both projects are to be funded through the parks AOB, in FY 04.

There are (3) comfort stations at PVSP. Comfort station # 1 has no shower facilities, is located at the entrance of the park, and services the visitor center and park office. Comfort stations # 2 and #3 are located in the north and south park respectively. The north comfort station was remodeled in 1995. The south campground comfort station is scheduled to be replaced in FY 05 at an estimated cost of \$220,000, funded through CIP.

PVSP recreation facilities are listed in Appendix A.

Administration/Staff

The customs house built in 1902 functions as a museum and is used as the park office. Construction of a new visitor center/office complex is planned in FY 03 at an estimated cost of \$1,500,000, funded through CIP. Additionally, plans include the installation of a modular residence in FY 02 at an estimated cost of \$70,000, funded through CIP.

Construction of a new shop building is planned in FY02. The new building will be constructed southwest of Coote's Hill, away from visitor access and public view. The estimated cost of the new shop building is \$125,000 and will be funded through CIP. A perimeter fence will be installed around the new shop building in FY 03 at an estimated cost of \$1,500 funded through the park's AOB. Upon completion of the new museum complex, the shop building as it presently exists, will be demolished in FY05, at an estimated cost of \$1,000 funded through the AOB.

In order to facilitate recruiting and better accommodate volunteer camp hosts, 2 camp host sites will be constructed in FY 02 at an estimated cost of \$6,000, funded through the parks AOB.

Current PVSP administrative facilities are listed in Appendix A.

F. EQUIPMENT

Communications

The park communications system is comprised of telephones, radios and a computer. A public pay telephone is located at the middle comfort station.

Park personnel are equipped with two-way radio communications equipment, including vehicular radios in park vehicles and two hand-held radios.

The park computer offers communication via fax and e-mail directly to Santa Fe, other state parks and the community at large. A local service provider provides Internet access. For a complete list of communications equipment located at PVSP, see Appendix C-1.

Field

The field equipment inventory list at PVSP is identified in Appendix C-2.

Office

Office equipment on-hand at PVSP is identified in Appendix C-3.

Vehicles

PVSP has two trucks, one serves primarily as an administrative/law enforcement vehicle, and the other is a maintenance vehicle. A complete list of vehicles is located in Appendix C-5.

G. TRANSPORTATION AND ACCESS

Roads

The roads in the park are adequate for visitor flow throughout the park. Road maintenance, however, is an on-going task due to erosion. To eliminate seasonal costs of maintaining gravel roads, it is proposed in FY 05 to install an asphalt overlay over the main roads in the park at an estimated cost of \$50,000, funded through CIP. Additionally, the installation of vehicle barriers at the bridge in front of the Recreation Hall Building is planned to restrict vehicle access and to promote pedestrian safety. This work is planned in FY 02, at a projected cost of \$200, using the park's AOB.

Parking

Parking areas to include the Visitor Center and Office, Recreation Hall, comfort station #2, comfort station #3 and the south group shelter have been updated with ADA accessible parking sites. Installation of additional ADA accessible parking for the south campground expansion day use area, is planned in FY 05 at a projected cost of \$1,500 to be funded through the park's AOB.

All campsites have sufficient parking space available and most are suited for the larger recreational vehicles (RVs).

Trails

Coote's Hill is the core of the PVSP trail system. The trail system starts at the base of Coote's Hill and the interconnecting trails measure a half a mile in length. Eventually these trails lead to the top of Coote's Hill, where visitors can enjoy a panoramic view of the entire area.

H. UTILITIES

Water

Drinking water is provided by the Village of Columbus. A well and an electric submersible pump located in the north campground provide irrigation water.

Electricity

Columbus Electric provides all the electrical service in the park.

Gas

Gas in the park is provided under contract with a local vendor. PVSP utilizes a 250-gallon LP tank at the visitor center/office, a 250 gallon tank at the Recreation Hall Building, a 250 gallon tank at comfort station #2, and a 500 gallon tank at comfort station #3. LP motor fuel is stored in a 500-gallon tank. Natural gas is not available.

Sewage

The park has five septic tanks and absorption leach field systems. These are located at comfort station #1, at the Recreation Hall Building, at comfort station #2, at the dump station, and at comfort station #3.

Telephone

Valley Telephone Company provides two telephone lines to the visitor center/office. A third line provides service to a public telephone located at comfort station #2.

V. BUDGET AND STAFFING

A. BUDGET

The approved annual operating budgets and expenditures for PVSP for the previous five fiscal years are listed in Table 8 below. The budgets are allocated by SPD to cover annual operating costs.

Table 8
Pancho Villa State Park
Budget/Expenditures – FY 94 through FY 98

Fiscal Year	Budget	Expenditures & Encumbrances
99	\$230,547	\$228,624.40
98	\$178,200	\$196,776.31
97	\$143,398	\$169,408.93
96	\$138,583	\$174,000.00
95	\$127,542	\$150,070.00

B. STAFFING

Permanent employees must be familiar with all the operations and facilities of the park. Each person at PVSP is expected to be able to conduct all operational requirements with the exception of law enforcement, which is provided by designated park personnel.

Four full-time employees currently staff PVSP: a Park Manager, one Park Ranger II, and two Park Ranger I's. It should be noted that two more staff, a Ranger I and a Ranger II (Interpretive Ranger), will be needed to operate the park with the expanded facilities and services outlined in this Plan.

In addition to the permanent staff, one seasonal laborer position is usually hired for July through November. Volunteers are utilized greatly to staff the office/visitor center and serve as campground hosts. PVSP relies heavily on its volunteer staff and efforts are constantly underway to recruit the numbers of volunteers needed for the variety of tasks. The duties and responsibilities of the staff at PVSP are identified in Appendix D, and the Staff Organizational Chart can be found in Appendix E.

Pancho Villa State Park
Appendix A
Current Park Facilities

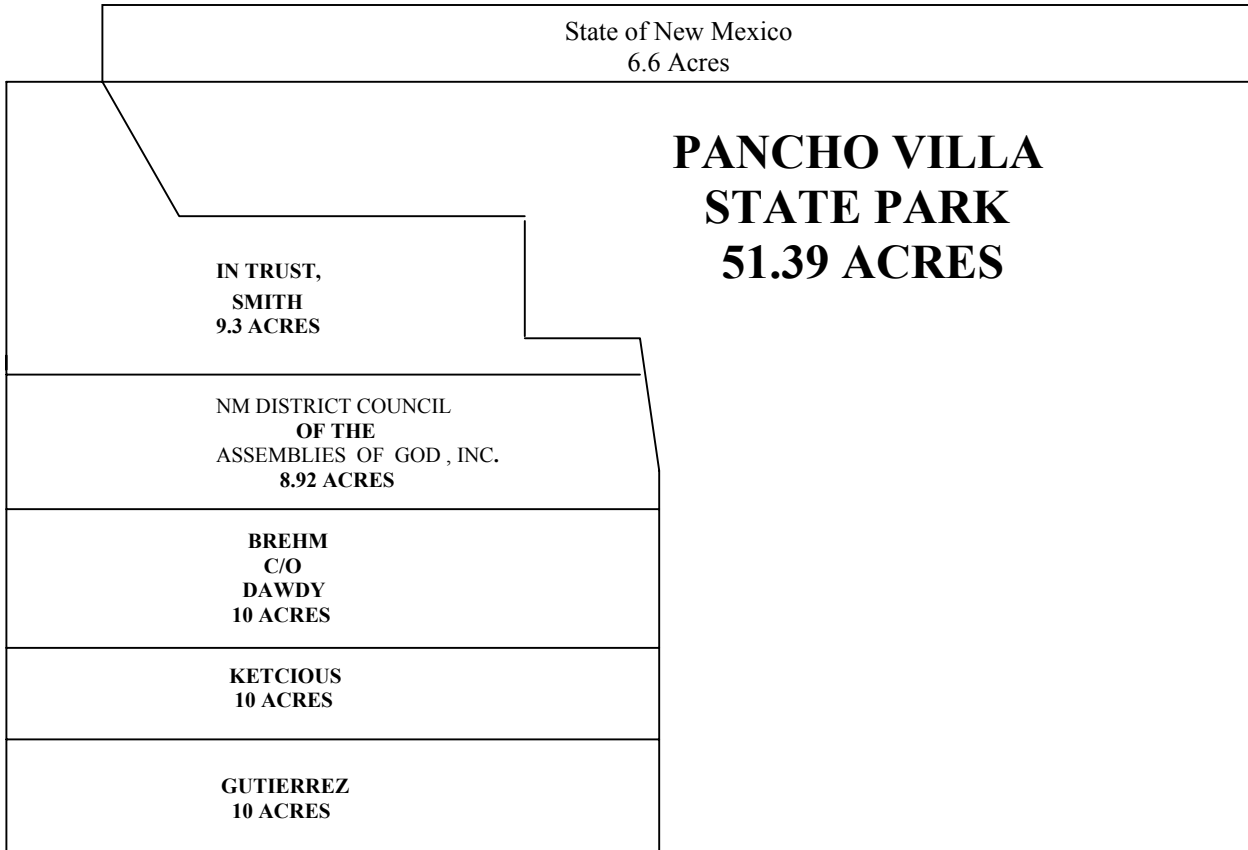
- 2 Main campgrounds (North and South): 62 developed sites
- 1 ADA playground
- 1 ADA concrete picnic site at playground
- 2 Group Shelters
- 2 ADA restrooms with showers
- 1 Restroom w/out showers at entrance
- 1 Exhibit center/Administrative office
- 1 Meeting room facility (Recreation Hall Building)
- 1 Maintenance shop – 1 bay
- 1 Pay station - entrance
- 1 Pay station – south campground
- 1 Equipment yard
- 1 Botanical cactus garden w/concrete walkway
- 1 Submersible pump well
- 5 Septic tanks with leach fields (1 at Recreation Hall Building, 1 at Comfort stations #1, #2, and #3, and dump station).
- 1 Water system
- 7 Wood picnic tables in North Campground
- 25 Cement/rock picnic tables in electrical sites at North Campground
- 5 Metal picnic tables at North Group Shelter
- 44 Metal picnic tables in South Campground

- 8 Metal picnic tables in electrical sites at South Campground
- 9 Metal picnic tables at South Group Shelter
- 80 Electrical pedestals in electrical sites at North & South Campgrounds
- 46 Freeze less faucets at electrical site
- 7 Freeze less faucets at non electrical sites
- 7 Metal benches throughout park (5 at playground, 1 at pay phone & 1 at cactus garden)
- 23 Concrete-based shelters at electrical sites in South Campground
- 25 Non concrete-based shelters at electrical sites in North Campground
- 1 Concrete-based shelter w/metal table at cactus garden
- 1 Concrete-based shelter at playground
- 2 Non electrical non concrete-based shelters in South Campground (sites 59, 61 & playground)
- 25 Grills at North Campground (12 fire ring grills & 13 pedestal grills)
- 41 Grills at South Campground (31 fire ring grills & 10 pedestal grills)
- 2 Group cooking grills (North & South Group Shelters)
- 2 Water fountains (Comfort Station #1 & playground)
- 96 Trash cans throughout entire park
- 2 Metal flag posts (1 at Cootes Hill, 1 at Visitor Center)

Pancho Villa State Park
Appendix B-1
Map of Pancho Villa State Park

**Pancho Villa State Park
Appendix B-2
Regional Location**

**Pancho Villa State Park
Appendix B-3
Lands/Realty**



**Pancho Villa State Park
Appendix C-1
List of Equipment – Communication**

Communications Equipment

Quantity:	Item	Make/ Model/Description
2	Radio, hand held	Icom IC-F30LT
2	Chargers (for hand held radios)	Icom BC-119
1	Radio, Base	RCA
2	Mobile Radio	Midland w/scanner/speaker

**Pancho Villa State Park
Appendix C-2
List of Equipment – Field**

Field Equipment (over \$500)

Quantity:	Item	Make/Model/Description
1	1992 Backhoe	John Deere 310D 4X4
1	Trash compactor	“Pup”
1	Welder	Lincoln/electric/A/C arc welder
1	1985 Dump Truck	Ford
1	Pump	Submersible
1	Riding mower	John Deere 175
1	Mountain bike	19” Arriba
1	Riding mower	Toro Groundmaster 52 (out of service)

Field Equipment (Under \$500)

Quantity:	Item	Make/Model/Description
1	Air compressor	Quincy QTS-5
1	Rechargeable drill	Makita 9volt cordless
1	Rechargeable drill	Milwaukee 12volt cordless
1	Angle grinder	Milwaukee
1	Weed eater	Stihl FS-76 (inoperable)
1	Weed eater	Craftsman 31cc gas
1	Chain saw	16” Poulan

1	Circular saw	2 ¾ hp Craftsman
1	Belt Sander	3” Makita
1	Lawn mower	Toro 5hp
1	Lawn mower	John Deere 5hp
1	Palm sander	Black & Decker

Field Equipment – Trailers

Quantity:	Item	Make/Model/Description
1	Utility	2 ft / Tandem axel
1	Flatbed	MCT 1998 - 8X24 ft.

**Pancho Villa State Park
Appendix C-3
List of Equipment – Office**

Office Equipment (over \$500)

Quantity:	Item	Make/Model/Description
1	Computer w/monitor	Gateway 2000
1	Copier	Konica 1112

Office Equipment (under \$500)

Quantity:	Item	Make/Model/Description
1	Printer	Hewlett Packard/LaserJet 5L
1	Fax Machine	Sharp / FO-365
1	Answering Machine	AT&T Cordless
1	Calculator	Sharp / EL-2197GII
1	Calculator	Sharp / CS-1608
1	Typewriter	Brother / SX4000

**Pancho Villa State Park
Appendix C-4
List of Equipment – Visitor Center**

Visitor Center Equipment (over \$500)

Quantity:	Item	Make/Model/Description
1	Television	35” Mitsubishi /CS 35207
1	Television	52” Mitsubishi
1	Machine Gun	M-1909 Colt / Benet Mercie
1	Rifle	Remington/Springfield 1903
1	Rifle	1873 Winchester
1	Revolver	1883 Colt 45
1	Wood burning stove	Hutch

Visitor Center Equipment (under\$500)

Quantity:	Item	Make/Model/Description
1	VCR	Hitachi/ DA4-M291

**Pancho Villa State Park
Appendix C-5
List of Equipment – Vehicles**

Equipment – Vehicles

Quantity:	Item	Make/Model/Description
1	Truck, pickup	1999 Dodge Ram ½ ton
1	Truck, pickup	1996 Ford F-250
1	Truck	1918 FWD
1	Truck	1917 Federal
1	Car	1916 Dodge touring car
1	Gator	1995 John Deere 4x2

Pancho Villa State Park

Appendix D

Authorized Staffing for Pancho Villa State Park

A. Park Administration

One Park Manager:

Supervises the operation and maintenance at Pancho Villa State Park. Plans and schedules all work projects. Has primary responsibility for purchasing and budgets. Schedules staff to provide visitor services. Serves as the primary law enforcement officer and the primary liaison to other agencies and local communities.

B. Park Operations and Maintenance

One Park Ranger II:

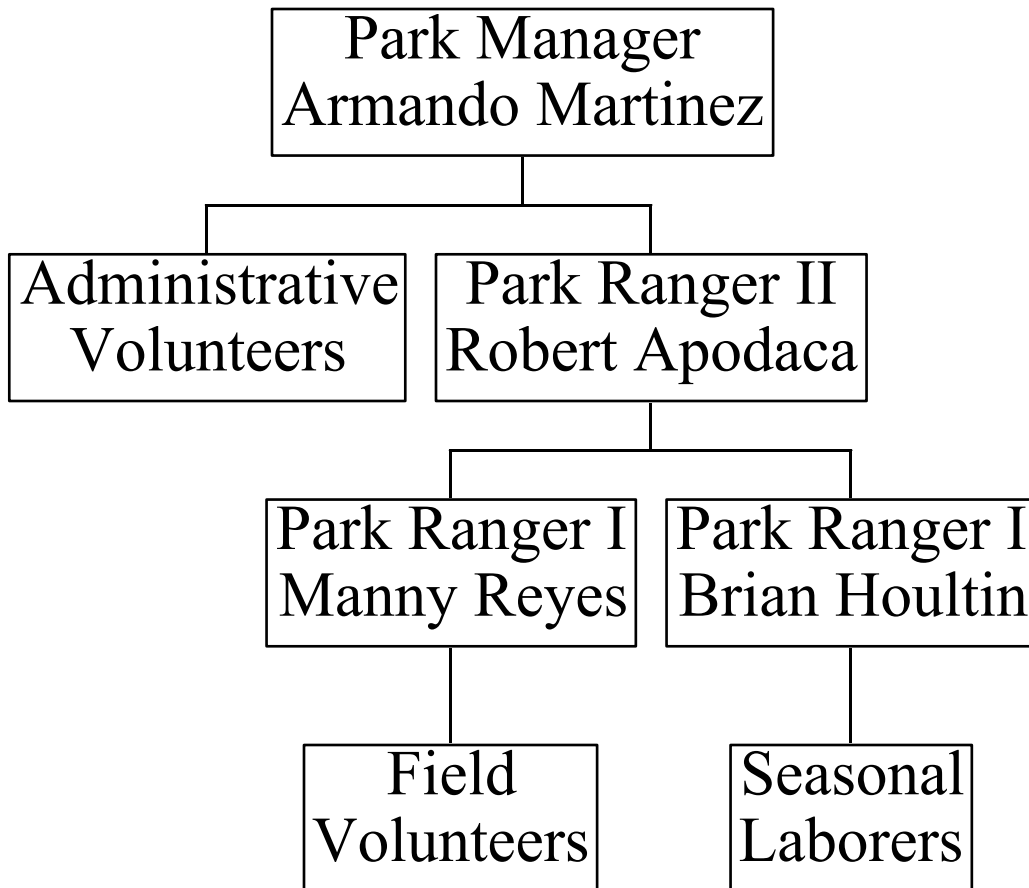
Provides administrative assistance to the Park Manager in Park operations and Park Program applications. Performs Park Maintenance in accordance with Division Standards. Is accountable for the protection of Park visitors and Park resources in the areas of public safety, visitor management and law enforcement. Ranger II also provides interpretive programs for the benefit of the Park visitors, and provides supervision for subordinate park personnel including Ranger I's , seasonal laborers and volunteer staff.

Two Park Ranger I's:

Maintains Park facilities, utilities, equipment and vehicles according to Division Standards of Care, monthly vehicle and equipment logs. Assists the Park Ranger II in the operations of the Park including visitor safety, management and road and landscape maintenance. Supervises all aspects of equipment use and provides leadership for seasonal laborers and volunteer staff. Park Ranger I is also responsible for preparing and presenting interpretive programs for the benefit of Park visitors.

One Seasonal Laborer
Maintenance Related

Pancho Villa State Park
Appendix E
Pancho Villa State Park Staff Organization Chart



Pancho Villa State Park

Appendix F

Cultural Resource Protection Laws

The following cultural resource protection laws are applicable to Pancho Villa State Park, which is owned by New Mexico State Parks. Each law has a direct bearing on the management of the park.

Federal

Native American Graves Protection and Repatriation Act of 1990 (25 U.S.C. 3001). This act protects Native American human remains, funerary objects, sacred objects and objects of cultural patrimony. It prohibits the sale, purchase or use or transport for sale or profit, the human remains of a Native American. The law outlines the procedures in the event of an inadvertent discovery of a Native American burial as well as the relinquishment of control of such items to the appropriate Native American group.

National Register of Historic Places (36 C.F.R., Part 60). This is the official federal list of districts, sites, buildings, structures and objects significant in American history, architecture, archeology, engineering, and culture. These properties must have historic significance and integrity and must meet at least one of the following criteria: Association with significant events; association with important persons; distinctive design or physical characteristics; or potential to yield information important in history or prehistory.

State

New Mexico Cultural Properties Act (NMSA 1978, § 18-6-1 to 18-6-17). This Act recognizes that the historical and cultural heritage of the state as one of the state's most valued and important assets. It indicates that the neglect, desecration and destruction of historical and cultural sites, structures, places and objects results in an irreplaceable loss to the public. It establishes the Historic Preservation Division to maintain the New Mexico Register of Cultural Properties (similar to the National Register) and to review of state projects to determine effect upon significant historic properties. This law prohibits unauthorized excavation, injury or damage to cultural properties located on state land. It requires excavation and burial permits and assesses criminal and/or civil penalties for unlawful excavation of cultural properties or burials. Finally, this law requires that site location remain confidential.

New Mexico Prehistoric and Historic Sites Preservation Act (NMSA 1978, § 18-8-1 to 18-8-8). This law states no public funds of the state shall be spent on any

program that requires the use of any portion of land from a significant prehistoric or historic site unless there is no feasible and prudent alternative and unless the project includes all possible planning to preserve and protect the cultural property.

New Mexico Cultural Properties Protection Act (NMSA 1978, § 18-16A-1 to 18-16A-6). This law requires state agencies to establish a system of professional surveys of cultural properties on state lands. State agencies are required to cooperate with the Historic Preservation Division to ensure that cultural properties are not inadvertently damaged or destroyed.

**Pancho Villa State Park
Appendix G
Park Brochure**