

# Recreation Facility Analysis



## 5-year Program of Work and Programmatic Results of Implementation

HUMBOLDT-TOIYABE National Forest  
October 1, 2007



Recreation Facility Analysis  
5-year Program of Work

**HUMBOLDT-TOIYABE National Forest**

**Reviewed by:** /s/ EDWARD C. MONNIG **Date:** 10/3/07  
FOREST SUPERVISOR  
HUMBOLDT-TOIYABE National Forest

**Reviewed by:** /s/ ELIZABETH G. CLOSE **Date:** 10/3/07  
REGIONAL R&HR DIRECTOR  
Intermountain Region

**Concurrence:** /s/ MARY WAGNER **Date:** 10/3/07  
for REGIONAL FORESTER  
Intermountain Region



# Table of Contents

<b>1.</b>	<b>INTRODUCTION .....</b>	<b>1</b>
<b>2.</b>	<b>SUMMARY - Programmatic Effects Of Implementation.....</b>	<b>2</b>
	A. BRIEF DESCRIPTION OF PROCESS.....	2
	B. FOREST RECREATION NICHE .....	3
	C. CRITICAL MONETARY FACTORS.....	5
	D. INVENTORY .....	6
	E. RESULTS.....	7
	F. PROPOSED MANAGEMENT ACTION SUMMARY .....	8
<b>3.</b>	<b>RECREATION SITES PRIORITY RANKING REPORT .....</b>	<b>9</b>
<b>4.</b>	<b>TABLE OF TASKS .....</b>	<b>13</b>
	A. SITE-SPECIFIC TASKS .....	13
	B. DEFERRED MAINTENANCE REDUCTION ANALYSIS .....	19
<b>5.</b>	<b>APPENDIX.....</b>	<b>20</b>
	A. RECREATION SITE DEVELOPMENT SCALE GUIDE .....	20
	B. MANAGEMENT OPTION CODE LIST .....	21



## 1. INTRODUCTION

This document is a living, working road map to guide the Forest in providing a quality, sustainable recreation sites program. It describes the vision for the overall Forest recreation program and outlines proposals specific to individual developed recreation sites.

The proposals and guidance contained in this document were developed through, and are the end result of, the national Recreation Facility Analysis (RFA) process. Existing and projected visitor demands, recreation program niche, resource conditions, links to the community, program costs, and revenue were all considered in developing proposals.

This document will serve as a framework from which the Forest will prioritize investments, and pursue changes in operations or maintenance of recreation sites. Proposals are wholly consistent with the Intermountain Region's "Recreation Strategy", and the Humboldt-Toiyabe Forest Land and Resource Management Plan.

The Forest recognizes that site-specific analysis and public involvement may be necessary prior to implementing some of the proposals contained in this document. As implementation of site-specific proposals are considered, they will be evaluated to determine if they are subject to the National Environmental Policy Act (NEPA) and all required procedures shall be executed.

The Forest also recognizes that proposals relating to fees will require consistency with criteria outlined in the Recreation Enhancement Act (REA) and coordination with the appropriate Recreation Resource Advisory Committee (RRAC).

## 2. SUMMARY - Programmatic Results Of Implementation

### A. BRIEF DESCRIPTION OF PROCESS

The purpose of the Recreation Facility Analysis process is to display the tasks needed over the next 5 years to bring the Forest's recreation infrastructure into alignment with the resources available to operate and maintain it to standard. Many of our facilities were built 30-50 years ago and have reached the end of their useful life without significant deferred maintenance investment. Other facilities receive no or little use, and no longer serve the demand that existed 30-50 years ago. The fundamental premise of the program of work is to create an inventory which is sufficiently sustainable and flexible to be adapted annually to any changes in available resources. The program of work has been developed to meet the following objectives:

- Operate and maintain sites to standard within available revenue stream.
- Reduce deferred maintenance by 20% over the 5 year life of the program of work.
- Focus available resources on sites which conform most closely to the Forest Recreation Program Niche.
- Maintain and enhance customer satisfaction with available sites.

The RFA process defines the proposed actions for management of forest recreation sites in order to meet the desired future condition that aligns with the Forest Plan. For purposes of the analysis and planning for future proposed actions, four categories (A-D) of proposed management are used. These categories are:

- 1) Category A: sites that are under some type of operational or contractual agreement whose terms are longer than the 5-year period of the RFA.
- 2) Category B: sites that meet the unit niche; are environmentally sustainable within the capability and capacity of the natural resources; are supported by and provide support to local communities; and have a sustainable management cost-benefit ratio.
- 3) Category C: sites that do not meet all of the above criteria, but with a combination of mitigation, additional resources, or other type of action could be made to qualify for Category B status.
- 4) Category D: sites that do not meet all of the (Category B) criteria; or fall sufficiently short in one or more of the criterion so as to render the capability of meeting it unsustainable.

Sites were evaluated and ranked based on conformance to the forest niche and amount of recreation use (35%), financial efficiency (35%), and environmental and community sustainability (30%).

Some sites were identified as non-discretionary based primarily on existing agreements such as concession permits.

**B. FOREST RECREATION NICHE**

April 13, 2005 (for the coming decade)

**Islands in the Sky**

Rising from the arid floor of the Great Basin, the steep green mountains of the Humboldt-Toiyabe NF provide critical water, wildlife habitat, “relief from heat”, and “accessible isolation” for visitors and valley residents. Ghost towns and historic mining cabins dot these vast, remote sky islands.

Offering extraordinary views, the mountain peaks also serve as the scenic skyline for NV and eastern CA. Strong rural connections and multiple agency cooperation play a key role in recreation sustainability.

**Settings, Special Places, and Values**

The sub-alpine & alpine Forest is a vital piece of the huge state and federally managed land base of Nevada. Roads and trails provide critical linkages between the high elevations of the H-T and surrounding, public lands and communities. There is “accessible isolation” for rural as well as urban populations. Two-thirds of the forest has an open, undeveloped, and primitive character, portions of which are designated wilderness. Within Nevada only these high elevation landscapes have winter-long snow and cool summers. In contrast to the stark expanses of the basins, the lush green Forest lands are traversed by miles of trout streams, an attraction for many visitors. The communities place a high value on “their” Forest.

Remote Sky Islands – Ranging from accessible to nearly inaccessible, these largely undiscovered, vast, isolated and often hidden areas offer freedom, solitude, and a sense of discovery and adventure for self-reliant visitors. The historic ghost towns, cabins and ongoing ranching are reminders of early times, modern trans-Nevada travelers continue to retrace the historic routes of early pioneers & settlers. The lure of the H-T today is flavored by the images of its past.

Urban Backyard – Intense use stems from the neighboring Las Vegas and Reno. Easy access for these bordering urban centers is provided along the eastern Sierra and the eastern NRA. Social interaction and solitude are both possible in this scenic setting.

*Vegas Strip* – Transition to traditional forest, home to many sensitive species, some endemic to the area

*Sierra Strip* – A trip to the mountains, overnight on or off forest, Tahoe Basin Interface

Scenic Sierra - Wilderness values, high alpine setting, National Park and Region 5 Forest connections.

**Activities/Opportunities**

The Forest’s four-season recreation opportunities, particularly snow-based, are unique within the State of Nevada. The extensive trail system provides short day hikes from urban areas as well as remote long distance “through” hikes. Scenic loop drives provide viewing of wildlife, wildflowers, natural landscapes and sweeping vistas.

Remote Sky Islands – Cowboy dude ranches, hunting, OHV, dispersed camping, horseback riding, snowmobiling, helicopter & hike-in skiing, hiking, mountain biking, wildlife viewing, fishing.

Urban Backyard - Respite from urban life offering picnicking, alpine skiing, group day use, destination camping

*Vegas Strip* –dispersed snow-play, day use picnicking, driving for pleasure/scenery, group day use, a visitor center focusing on forest-wide interpretation and education

*Sierra Strip* - Sport specific winter activities, backpacking, day use – hiking, mountain biking, group tourism

Scenic Sierra – Strongly influenced by wilderness; destination family camping, backpacking, hiking, fishing

**Primary Visitors**

<b>Remote Sky Islands</b>	<b>Urban Backyard Vegas Strip &amp; Sierra</b>	<b>Scenic Sierra</b>
Destination Visitors - beyond 150 miles	Locals are 30 to 50 miles	Destination Visitors, many of whom come from California
Locals - up to 150 miles	Destination Visitors	
Drive-through visitors	Package Tours	

ACTIVITY & SETTING AREA		NICHE BRIDGE for the NEXT DECADE (Apply to Recreation Site Facility Master Plan, Step 3, Worksheet 3)					
		<u>Remote Sky Islands</u>		<u>Urban Backyard</u>		<u>Scenic Sierra</u>	
ONLY pull key words that describe the setting.		Vast, Isolated, offering freedom solitude and a sense of discovery		Intense use from bordering urban centers: Las Vegas and Reno		Wilderness Values, National Park and Region 5 connections	
		High (Primary)		High (Primary)		Moderate (Secondary)	
SETTING EMPHASIS		High (Primary)		High (Primary)		Moderate (Secondary)	
SITE FUNCTION/THEME		Vast area to “get away”. Development facilitates safe overnight use and protection of resources		Facilities concentrate use, protect resources and provide visitor convenience for large numbers of urban visitors many of who are unfamiliar with natural settings.		Wilderness a an experience and as a backdrop for traditional family camping	
KEY ACTIVITIES in support of the niche for the coming decade		Hunting, OHV, dispersed camping, horseback riding, Snowmobiling, helicopter & hike-in skiing, hiking, Mtn. biking, wildlife viewing, fishing.		Snowplay and parking, driving for pleasure, group day-use, Interp./Education, Camping, Backpacking, Mtn. Biking, Group Tourism		Wilderness Backpacking & Hiking Developed Camping in front of the wilderness backdrop.	
Infrastructure	SITE TYPE/ DEVELOPMENT SCALE Needed to provide key activities	CG	2,3	Visitor Center	5	CG	3,4
		TH	2	Overlooks	3	Viewpoint	3
		I/E	2,3	TH	2,3,4	PA	3
		Picnic Areas (PA)	2,3	PA	3,4	TH	2,3
				Snow Park	3	Snow Park	3
				Boating	3,4		
	SITE CAPACITY Low <50 Medium = 50-150 High >150	CG - Low, Medium All others - Low		Medium and High		Snow Park and Parking – High TH – Low and Medium CG – Medium and High All others Medium	
<b>Programmatic Strategies:</b> Campgrounds in the forest are primarily in support of the activities that draw visitors to the area, not destinations.							

**\*\* . Development Scale** The classification of the scale of development of recreation sites. Scale ranges from 0, “No Site Modification” to 5, “Extensive Site Modification”. Development scales are defined by levels of site modifications, type of construction materials used, management controls, design style, development density, and services.  
(See APPENDIX A).

C. CRITICAL MONETARY FACTORS

This matrix displays asset and expense information for the Forest Recreation Sites program before and after 5-year Program of Work development.

<b>HUMBOLDT-TOIYABE National Forest</b>				
<b>A.</b>	<b>CRITICAL MONETARY FACTOR</b>	<b>BASELINE CONDITION (Benchmark Data)</b>	<b>Program of Work CHANGED CONDITION (does not include CATEGORY C or CATEGORY D sites)</b>	<b>Program of Work PERCENT CHANGE (does not include CATEGORY C or CATEGORY D sites)</b>
<b>OPERATIONAL ASSETS</b>	APPROPRIATED FUNDS AVAILABLE	\$ 527,518	\$ 527,518	<b>0%</b>
	FEE RECEIPTS AVAILABLE	\$ 117,692	\$ 51,388	<b>-56%</b>
	OTHER FUNDS AVAILABLE	\$ -	\$ 500	<b>0%</b>
<b>EXPENSES</b>	OPERATING COSTS	\$ 698,614	\$ 324,123	<b>-54%</b>
	ANNUAL MAINTENANCE COSTS	\$ 298,065	\$ 194,992	<b>-35%</b>
	DEFERRED MAINTENANCE COSTS*	\$ 4,960,089	\$ 1,893,712	<b>-62%</b>

\*-Deferred Maintenance included for all sites except CATEGORY D

**Deferred Maintenance.** "Maintenance that was not performed when it should have been or when it was scheduled and which, therefore, was put off or delayed for a future period."

When allowed to accumulate without limits or consideration of useful life, deferred maintenance leads to deterioration of performance, increased costs to repair, and decrease in asset value.

D. INVENTORY

The Inventory Matrix displays the recreation site inventory characteristics before and after 5-year Program of Work development. It displays by site type and display other recreation site program characteristics including capacity, number of sites with drinking water and waste water systems, and the annual maintenance cost for drinking and waste water systems and buildings.

HUMBOLDT-TOIYABE National Forest					
B.	INVENTORY CHARACTERISTICS	BASELINE CONDITION (Benchmark Data)	PROGRAM OF WORK - CHANGED CONDITION	PROGRAM OF WORK - CHANGED CONDITION	PROGRAM OF WORK - CHANGED CONDITION
			CATEGORY A & B Sites	CATEGORY C Sites	CATEGORY D Sites
TIER SITE TYPE CATEGORY	CAMPGROUND DEV SCALE 2	14	10	2	2
	CAMPGROUND DEV SCALE 3	32	26	3	3
	CAMPGROUND DEV SCALE 4-5	11	10	1	0
	PICNIC SITE DEV SCALE 2-3	7	6	1	0
	PICNIC SITE DEV SCALE 4-5	3	3	0	0
	TRAILHEAD	28	25	2	1
	BOATING/ SWIM SITES/ FISHING SITES	2	2	0	0
	INTERP MAJOR/VC	0	0	0	0
	GROUP CAMPGROUND/ GROUP PICNIC	10	8	1	1
	CABINS/LOOK-OUTS	7	1	6	0
	INTERP MINOR/ OBSERVATION/ INFO SITES	4	3	1	0
	HORSE CAMP	0	0	0	0
	INFO SITE ADMIN	2	2	0	0
	OTHER 1	1	1	0	0
	OTHER 2	1	0	0	1
OTHER CHARACTERISTICS	CAPACITY (PAOT)**	14,769	13,106	1,246	405
	CAPACITY (PAOT-DAYS)**	2,908,166	2,946,219	189,945	60,853
	# SITES w/ DRINKING WATER SYSTEM \$	35	28	5	2
	# SITES w/ WASTEWATER SYSTEM \$	15	11	3	1
	DW SYSTEM ANNUAL MAINT COST	\$ 50,328	\$ 29,649	\$ 11,529	\$ 9,150
	WW SYSTEM ANNUAL MAINT COST	\$ 5,635	\$ 1,000	\$ 4,440	\$ 195
	BUILDING ANNUAL MAINT COST	\$ 71,948	\$ 43,846	\$ 25,505	\$ 2,596

\*\*Sum of CATEGORY A&B, C and D columns do not equal Baseline column due to capacity changes in CATEGORY A and B sites

E. RESULTS

The Results Matrix describes the significant programmatic results of the ranking process

<b>HUMBOLDT-TOIYABE National Forest</b>				
<b>C1.</b>	<b>PROGRAMMATIC RESULTS</b>	<b>BASELINE CONDITION</b> (Benchmark Data)	<b>PROGRAM OF WORK - CHANGED CONDITION</b> (does not include CATEGORY C and D sites)	<b>Program of Work PERCENT CHANGE</b> (does not include CATEGORY C and D sites)
<b>METRICS</b>	AVERAGE NICHE CONFORMANCE SCORE	14.94	16.22	<b>9%</b>
	AVERAGE DEVELOPMENT SCALE	2.98	3.04	<b>2%</b>
	AVERAGE UNDERSERVED POPULATION SCORE	1.58	1.60	<b>1%</b>
	% OF CAPACITY ACCESSIBLE	0.0%	0.0%	<b>0%</b>
	% OF CAPACITY W/ ACCESSIBLE FURNISHINGS ONLY	0.0%	0.0%	<b>0%</b>
	PAOT-DAYS TO REGIONAL REQUIRED STANDARDS	1,405,508	2,946,219	<b>110%</b>
	CAPACITY (PAOT)	14,769	13,106	<b>-11%</b>
	CAPACITY (PAOT-DAYS)	2,908,166	2,946,219	<b>1%</b>
	ANNUAL O&M COST PER PAOT DAY	\$ 0.46	\$ 0.18	<b>-62%</b>
	ANNUAL NET O&M COST PER VISIT	\$ 1.08	\$ 0.67	<b>-38%</b>

<b>C2.</b>	<b>PROGRAMMATIC RESULTS</b>	<b>BASELINE CONDITION</b> (Benchmark Data)	<b>PROGRAM OF WORK - CHANGED CONDITION</b> (does not include CATEGORY D sites)	<b>Program of Work PERCENT CHANGE</b> (does not include CATEGORY D sites)
	TOTAL DEFERRED MAINTENANCE	\$ 4,960,089	\$ 1,893,712	<b>-62%</b>

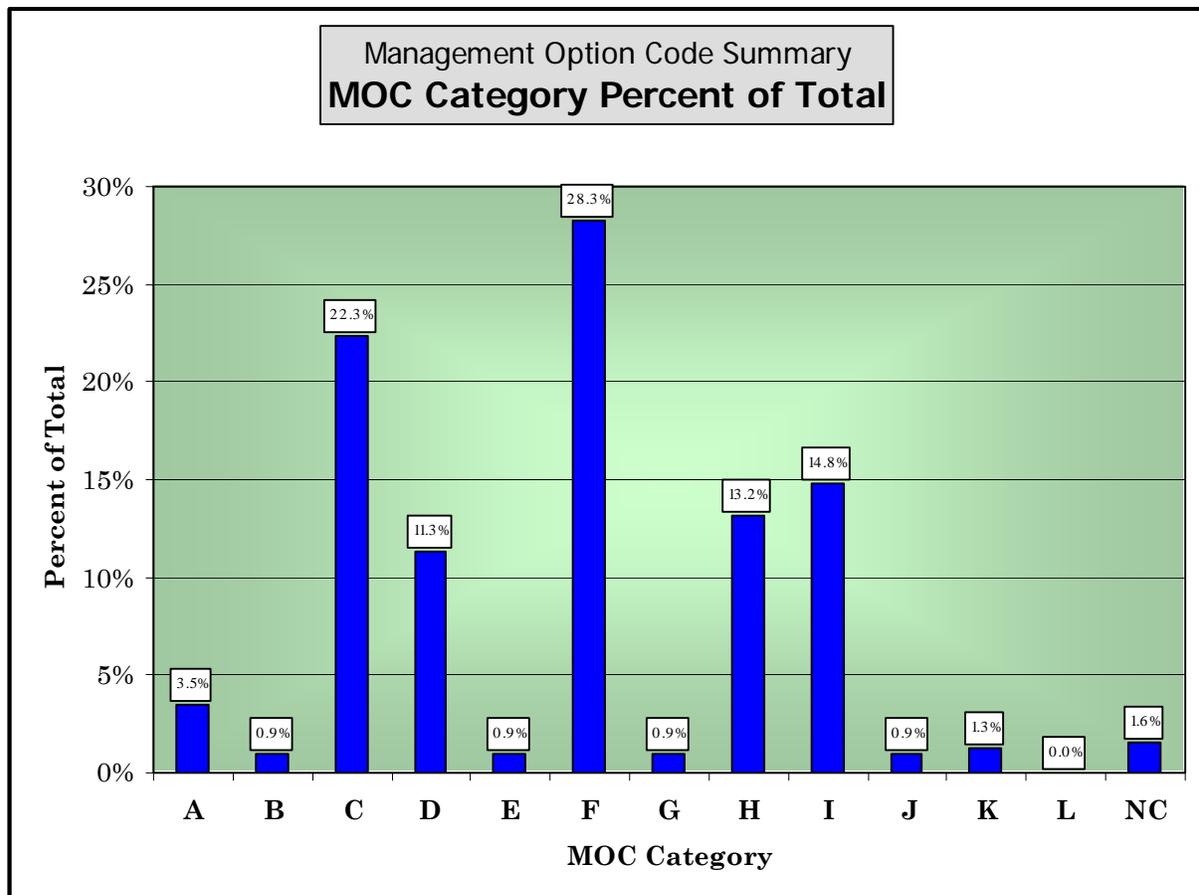
Annual O&M Cost per visit and per PAOT day are averages derived from a summation of ALL the 122 analyzed recreation facilities on the Forest; the cost per visit and per PAOT for each site and site type will vary.

PAOT - An acronym for Persons-At-One-Time; a measure of facility or site designed recreation carrying capacity, particularly for developed sites. National conventions include 5 persons per family picnic/camp unit, 3.5 persons per parking lot stall at a trailhead or visitor center, 1.5 persons per motorcycle parking stall and 40 persons per tour bus parking stall.

O&M - Operations and maintenance; includes the activities and resources required to annually operate and maintain recreation sites at a level of quality which meets their management objectives and customer satisfaction. Costs associated with O&M are generally recurrent, as opposed to capital investment costs that are generally one-time and non-recurrent.

F. PROPOSED MANAGEMENT ACTION SUMMARY

HUMBOLDT-TOIYABE National Forest Management Option Code Summary		
MANAGEMENT OPTION CODE CATEGORY	OPTION CODE COUNT	PERCENT OF TOTAL
A-DECOMMISSION	11	3.5%
B-CLOSURE	3	0.9%
C-CHANGE SEASON	71	22.3%
D-REMOVE OR ELIMINATE COST SOURCE OR SERVICE SEASON	36	11.3%
E-REDUCE SERVICE FREQUENCY	3	0.9%
F-INCREASE/IMPROVE SERVICES	90	28.3%
G-CONSTRUCT A NEW AREA	3	0.9%
H-CHANGE OPERATOR	42	13.2%
I-CHANGE FEES	47	14.8%
J-CHANGE CAPACITY	3	0.9%
K-SITE CONVERSION	4	1.3%
L-REPLACEMENT/REPAIR	0	0.0%
NC-NO CHANGE	5	1.6%



### 3. RECREATION SITES PRIORITY RANKING REPORT

The Forest’s Recreation Sites Priority Ranking Report lists recreation sites in rank score priority order. Ranking is based on how well a site meets the four objectives of the RFA analysis. (Objectives are listed page 2). Tier Category designations are based on initial ranking and Forest Leadership Team analysis.

HUMBOLDT-TOIYABE National Forest

122 SITE COUNT

#### 8. REPORT: 5-Year Program of Work - Table of Ranked Site Planned Operating Season & Capacity

MNG ORG	SITE NAME	SITE TYPE	TOTAL RANK SCORE	TIER CATEGORY	PLANNED OPENING DATE	PLANNED CLOSING DATE	PLANNED CAPACITY [PAOT]
41705	CATHEDRAL ROCK TRAILHEAD	TRAILHEAD	94	CATEGORY B	1-Jan	31-Dec	45
41705	KYLE CANYON CAMPGROUND	CAMPGROUND	93	CATEGORY B	1-Apr	15-Oct	160
41701	CARSON RIVER TAKEOUT	BOATING SITE	90	CATEGORY B	15-Apr	14-Jul	150
41705	CATHEDRAL ROCK PICNIC AREA	PICNIC SITE	89	CATEGORY B	4-Apr	15-Oct	375
41705	DEER CREEK PICNIC AREA	PICNIC SITE	89	CATEGORY B	1-Jan	31-Dec	116
41705	MARY JANE TRAILHEAD	TRAILHEAD	89	CATEGORY B	1-Jan	31-Dec	158
41705	KYLE CANYON REST AREA	INTERPRETIVE SITE (ADMIN)	88	CATEGORY B	1-Jan	31-Dec	35
41701	MT ROSE SUMMIT INTERPRETIVE SITE	INTERPRETIVE SITE (MINOR)	85	CATEGORY B	1-Jun	29-Oct	200
41701	TAHOE MEADOWS TRT TRAILHEAD	TRAILHEAD	84	CATEGORY B	1-Jun	29-Oct	100
41705	FOXTAIL GROUP PICNIC AREA	GROUP PICNIC SITE	84	CATEGORY B	1-Jan	31-Dec	260
41701	WHITES CREEK TRAILHEAD	TRAILHEAD	81	CATEGORY B	1-Jun	28-Oct	40
41702	VIRGINIA LAKES TRAILHEAD	TRAILHEAD	80	CATEGORY B	1-May	24-Nov	140
41707	ROADS END TRAILHEAD	TRAILHEAD	80	CATEGORY B	30-Jun	29-Oct	245
41701	H-T SPOONER SUMMIT PICNIC AREA/ TRT TRAILHEAD	TRAILHEAD	79	CATEGORY B	1-Jan	31-Dec	50
41702	GREEN CREEK TRAILHEAD	TRAILHEAD	79	CATEGORY B	17-May	10-Oct	70
41702	LEAVITT MEADOWS TRAILHEAD	TRAILHEAD	79	CATEGORY B	27-Apr	11-Oct	105
41701	HOPE VALLEY CAMPGROUND	CAMPGROUND	78	CATEGORY B	8-Jun	11-Sep	120
41702	HONEYMOON CAMPGROUND	CAMPGROUND	78	CATEGORY B	24-Apr	31-Oct	235
41702	TRUMBULL LAKE CAMPGROUND	CAMPGROUND	78	CATEGORY B	8-Jun	17-Oct	295
41705	CATHEDRAL ROCK GROUP PICNIC	GROUP PICNIC SITE	78	CATEGORY B	4-Apr	15-Oct	135
41702	PAHA CAMPGROUND	CAMPGROUND	77	CATEGORY B	9-May	12-Oct	130
41702	ROBINSON CREEK CAMPGROUND	CAMPGROUND	77	CATEGORY B	24-Apr	31-Oct	300
41701	SILVER CREEK CAMPGROUND	CAMPGROUND	76	CATEGORY B	15-Jun	5-Sep	130
41701	WOLF CREEK TRAILHEAD	TRAILHEAD	76	CATEGORY B	3-May	29-Oct	40
41702	BUCKEYE CAMPGROUND	CAMPGROUND	76	CATEGORY B	10-May	12-Oct	355
41702	BUCKEYE TRAILHEAD	TRAILHEAD	76	CATEGORY B	10-May	12-Oct	28
41702	CHRIS FLAT CAMPGROUND	CAMPGROUND	76	CATEGORY B	6-Apr	15-Nov	75
41702	LEAVITT MEADOWS CAMPGROUND	CAMPGROUND	76	CATEGORY B	27-Apr	11-Oct	90
41704	BARLEY CREEK TRAILHEAD	TRAILHEAD	76	CATEGORY B	15-Mar	15-Dec	60
41701	EBBETTS PASS TRAILHEAD	TRAILHEAD	75	CATEGORY B	3-Jun	15-Oct	50
41701	THOMAS CREEK TRAILHEAD	TRAILHEAD	75	CATEGORY B	20-Mar	14-Nov	122
41705	FLETCHER VIEW CAMPGROUND	CAMPGROUND	75	CATEGORY B	1-Jan	31-Dec	60
41702	CRAGS CAMPGROUND	CAMPGROUND	74	CATEGORY B	9-May	5-Nov	175
41702	LOWER TWIN LAKE CAMPGROUND	CAMPGROUND	72	CATEGORY B	9-May	12-Oct	85

MNG ORG	SITE NAME	SITE TYPE	TOTAL RANK SCORE	TIER CATEGORY	PLANNED OPENING DATE	PLANNED CLOSING DATE	PLANNED CAPACITY [PAOT]
41705	LEE CANYON ORGANIZATION	ORGANIZATION SITE FS OWNED	72	CATEGORY B	1-Jan	31-Dec	156
41702	SONORA BRIDGE CAMPGROUND	CAMPGROUND	71	CATEGORY B	11-May	11-Oct	115
41705	OLD MILL PICNIC AREA	PICNIC SITE	71	CATEGORY B	1-May	1-Oct	435
41701	HIGH TRAIL TRAILHEAD	TRAILHEAD	70	CATEGORY B	22-Jun	20-Aug	40
41704	PINE CREEK CAMPGROUND	CAMPGROUND	70	CATEGORY B	1-Jan	31-Dec	160
41707	GREYS LAKE TRAILHEAD	TRAILHEAD	70	CATEGORY B	30-Jun	29-Oct	105
41709	BERRY CREEK CAMPGROUND	CAMPGROUND	70	CATEGORY B	30-May	15-Sep	20
41701	FAYE LUTHER TRAILHEAD	TRAILHEAD	69	CATEGORY B	20-Mar	16-Nov	70
41704	PINECREEK TRAILHEAD	TRAILHEAD	69	CATEGORY B	1-Jan	31-Dec	15
41709	TIMBER CREEK GROUP PICNIC AREA	GROUP PICNIC SITE	69	CATEGORY B	30-May	15-Sep	200
41701	CRYSTAL SPRINGS CAMPGROUND	CAMPGROUND	68	CATEGORY B	27-Apr	10-Oct	125
41702	CRAGS GROUP CAMPGROUND	GROUP CAMPGROUND	68	CATEGORY B	9-May	5-Nov	45
41702	OBSIDIAN CAMPGROUND	CAMPGROUND	68	CATEGORY B	7-Jun	11-Oct	90
41705	MAHOGANY GROVE GROUP CAMPGROUND	GROUP CAMPGROUND	68	CATEGORY B	15-May	15-Oct	120
41702	SHINGLE MILL FLAT PICNIC AREA	PICNIC SITE	67	CATEGORY B	1-Apr	1-Nov	56
41702	SONORA BRIDGE MEADOW PICNIC AREA	PICNIC SITE	67	CATEGORY B	11-May	11-Oct	40
41704	NORTH/SOUTH TWIN TRAILHEAD	TRAILHEAD	67	CATEGORY B	1-Jan	31-Dec	35
41705	HILLTOP CAMPGROUND	CAMPGROUND	67	CATEGORY B	1-May	15-Oct	200
41705	SAWMILL TRAILHEAD	TRAILHEAD	67	CATEGORY B	1-Jan	31-Dec	386
41707	SOUTH RUBY CAMPGROUND	CAMPGROUND	67	CATEGORY B	25-May	29-Oct	175
41702	BOOTLEG CAMPGROUND	CAMPGROUND	66	CATEGORY B	10-May	13-Sep	315
41705	MCWILLIAMS CAMPGROUND	CAMPGROUND	66	CATEGORY B	1-Jan	31-Dec	245
41708	PINE CREEK CAMPGROUND	CAMPGROUND	66	CATEGORY B	25-May	29-Oct	25
41708	SLIDE CREEK TRAILHEAD	TRAILHEAD	65	CATEGORY B	15-Jun	29-Oct	53
41709	WARD MOUNTAIN CAMPGROUND	CAMPGROUND	65	CATEGORY C	15-May	30-Sep	145
41705	LOWER KYLE CANYON CAMPGROUND	CAMPGROUND	64	CATEGORY B	1-Jan	31-Dec	750
41707	POWERHOUSE PICNIC GROUND	PICNIC SITE	64	CATEGORY B	20-May	29-Oct	112
41702	GREEN CREEK CAMPGROUND	CAMPGROUND	63	CATEGORY B	17-May	10-Oct	75
41704	PEAVINE CREEK CAMPGROUND	CAMPGROUND	63	CATEGORY B	15-Mar	1-Dec	75
41705	DESERT VIEW INTERPRETIVE SITE	INTERPRETIVE SITE (MINOR)	63	CATEGORY B	1-Jan	31-Dec	40
41701	MT. ROSE CAMPGROUND	CAMPGROUND	62	CATEGORY B	22-Jun	5-Sep	120
41709	BIRD CREEK GROUP PICNIC AREA	GROUP PICNIC SITE	62	CATEGORY B	30-May	15-Sep	150
41702	DESERT CREEK CAMPGROUND	CAMPGROUND	61	CATEGORY B	15-Mar	6-Dec	100
41708	UPPER BLUSTER CAMPGROUND	CAMPGROUND	61	CATEGORY B	25-May	29-Oct	10
41709	TIMBER CREEK CAMPGROUND	CAMPGROUND	61	CATEGORY B	30-May	15-Sep	40
41701	MARKLEEVILLE CAMPGROUND	CAMPGROUND	60	CATEGORY B	27-Apr	11-Sep	50
41702	GREEN CREEK GROUP CAMPGROUND	GROUP CAMPGROUND	60	CATEGORY B	17-May	10-Oct	70
41707	ANGEL LAKE CAMPGROUND	CAMPGROUND	60	CATEGORY B	30-Jun	29-Sep	135
41702	EAST VIRGINIA CREEK DISPERSED AREA	CAMPGROUND	58	CATEGORY B	12-May	20-Nov	160

MNG ORG	SITE NAME	SITE TYPE	TOTAL RANK SCORE	TIER CATEGORY	PLANNED OPENING DATE	PLANNED CLOSING DATE	PLANNED CAPACITY [PAOT]
41702	LEAVITT FALLS VISTA OBSERVATION SITE	OBSERVATION SITE	58	CATEGORY B	27-Apr	31-Oct	22
41702	WEST VIRGINIA CREEK DISPERSED AREA	CAMPGROUND	58	CATEGORY B	1-May	24-Nov	190
41701	SNOWSHOE SPRINGS CAMPGROUND	CAMPGROUND	57	CATEGORY B	22-Jun	5-Sep	65
41707	ANGEL LAKE PICNIC GROUND	PICNIC SITE	57	CATEGORY B	30-Jun	29-Sep	105
41708	PAVLAK CAMPGROUND	CAMPGROUND	57	CATEGORY B	25-May	29-Oct	15
41708	SAWMILL CAMPGROUND	CAMPGROUND	57	CATEGORY B	25-May	29-Oct	30
41703	BIG CREEK CAMPGROUND	CAMPGROUND	56	CATEGORY B	20-Apr	31-Oct	85
41710	LYE CREEK CAMPGROUND	CAMPGROUND	56	CATEGORY B	25-May	15-Oct	150
41705	LOWER KYLE CANYON PICNIC AREA	PICNIC SITE	55	CATEGORY B	1-Jan	31-Dec	750
41705	LOWER KYLE CANYON VISITOR CENTER	INTERPRETIVE SITE (ADMIN)	55	CATEGORY B	1-Jan	31-Dec	868
41707	ANGEL CREEK PICNIC GROUND	PICNIC SITE	55	CATEGORY B	25-May	29-Oct	20
41707	SOLDIER BASIN TRAILHEAD	TRAILHEAD	55	CATEGORY B	25-May	29-Oct	18
41709	EAST CREEK CAMPGROUND	CAMPGROUND	55	CATEGORY C	15-May	29-Oct	40
41702	LOWER TWIN LAKE BOAT RAMP	BOATING SITE	53	CATEGORY B	9-May	12-Oct	225
41707	ANGEL CREEK CAMPGROUND	CAMPGROUND	53	CATEGORY B	25-May	29-Oct	90
41708	LOWER BLUSTER CAMPGROUND	CAMPGROUND	53	CATEGORY B	25-May	29-Oct	10
41709	WARD MOUNTAIN GROUP PICNIC AREA	GROUP PICNIC SITE	53	CATEGORY C	15-May	30-Sep	250
41703	COLUMBINE CAMPGROUND	CAMPGROUND	52	CATEGORY B	1-May	1-Nov	65
41707	THOMAS CANYON CAMPGROUND	CAMPGROUND	52	CATEGORY C	25-May	29-Oct	246
41709	WHITE RIVER CAMPGROUND	CAMPGROUND	52	CATEGORY C	26-May	29-Oct	50
41709	KALAMAZOO CAMPGROUND	CAMPGROUND	51	CATEGORY B	15-May	29-Oct	45
41706	CAMP DRAW TRAILHEAD	TRAILHEAD	50	CATEGORY B	15-Jun	29-Oct	12
41707	TERRACES PICNIC AREA	PICNIC SITE	50	CATEGORY C	30-Jun	29-Sep	84
41701	TAMARACK PCT TRAILHEAD	TRAILHEAD	49	CATEGORY B	3-May	29-Oct	80
41703	KINGSTON CAMPGROUND	CAMPGROUND	49	CATEGORY B	1-May	1-Nov	90
41703	BOB SCOTT CAMPGROUND	CAMPGROUND	47	CATEGORY C	1-May	1-Nov	90
41705	TECOPA CHARCOAL KILNS INTERPRETIVE SITE	INTERPRETIVE SITE (MINOR)	47	CATEGORY C	1-Apr	14-Nov	18
41709	CHERRY CREEK CAMPGROUND	CAMPGROUND	47	CATEGORY B	15-May	29-Oct	30
41701	KEYSTONE TRAILHEAD	TRAILHEAD	45	CATEGORY C	8-Jun	10-Sep	88
41707	POWERHOUSE GROUP PICNIC AREA	GROUP PICNIC SITE	45	CATEGORY B	20-May	29-Oct	80
41710	MARTIN CREEK GS RENTAL	FIRE LOOKOUTS/CABINS OVERNIGHT	43	CATEGORY C	4-Mar	29-Nov	10
41701	LOOKOUT CAMPGROUND	CAMPGROUND	42	CATEGORY C	8-Jun	12-Oct	150
41707	RUBY GUARD STATION RENTAL	FIRE LOOKOUTS/CABINS OVERNIGHT	39	CATEGORY C	20-May	27-Sep	5
41709	BERRY CREEK GS RENTAL	FIRE LOOKOUTS/CABINS OVERNIGHT	37	CATEGORY C	10-Jan	9-Dec	10
41702	ROSASCHI RANCH TRAILHEAD	TRAILHEAD	35	CATEGORY C	1-Jan	31-Dec	40
41706	76 CREEK CABIN RENTAL	FIRE LOOKOUTS/CABINS OVERNIGHT	35	CATEGORY C	15-Jun	8-Oct	5
41708	WILDCAT CABIN RENTAL	FIRE LOOKOUTS/CABINS OVERNIGHT	34	CATEGORY C	15-Jun	29-Oct	5
41709	ELLISON GUARD STATION RENTAL	FIRE LOOKOUTS/CABINS OVERNIGHT	33	CATEGORY C	20-Jan	29-Nov	10
41701	KIT CARSON CAMPGROUND	CAMPGROUND	0	CATEGORY D	18-May	5-Sep	60

MNG ORG	SITE NAME	SITE TYPE	TOTAL RANK SCORE	TIER CATEGORY	PLANNED OPENING DATE	PLANNED CLOSING DATE	PLANNED CAPACITY [PAOT]
41703	KINGSTON GUARD STATION RENTAL	FIRE LOOKOUTS/CABINS OVERNIGHT	0	CATEGORY B	15-Feb	29-Nov	10
41703	KINGSTON TRAILHEAD	TRAILHEAD	0	CATEGORY B	1-Jan	31-Dec	49
41703	TOQUIMA CAVE CAMPGROUND	CAMPGROUND	0	CATEGORY D	15-Mar	1-Dec	35
41704	COW CANYON TRAILHEAD	TRAILHEAD	0	CATEGORY D	15-Mar	14-Dec	7
41705	DOLOMITE FAMILY CAMPGROUND	CAMPGROUND	0	CATEGORY B	1-May	15-Oct	155
41706	BIG BEND CAMPGROUND	CAMPGROUND	0	CATEGORY D	25-May	29-Oct	85
41706	JACK CREEK CAMPGROUND	CAMPGROUND	0	CATEGORY D	15-Jun	29-Oct	30
41706	WILDHORSE CROSSING UPPER LOOP GROUP CG	GROUP CAMPGROUND	0	CATEGORY D			25
41706	WILDHORSE CROSSING CAMPGROUND	CAMPGROUND	0	CATEGORY D	25-May	29-Oct	135
41707	SOUTH RUBY SERVICE AREA	OTHER RECREATION CONCESSION SITE	0	CATEGORY D	1-Jun	29-Oct	28

MNG ORG – Managing Organization Number; first number denotes the Region, the next two numbers the Forest, and the last two numbers the Ranger District.

- EX: 4 = Intermountain Region (Region 4)  
17 = Humboldt-Toiyabe National Forest  
01 = Carson Ranger District  
02 = Bridgeport Ranger District  
03 = Austin Ranger District  
04 = Tonopah Ranger District  
05 = Spring Mountain National Recreation Area  
06 = Mountain City Ranger District  
07 = Ruby Mountains Ranger District  
08 = Jarbidge Ranger District  
09 = Ely Ranger District  
10 = Santa Rosa Ranger District

#### 4. TABLE OF TASKS

##### A. SITE-SPECIFIC TASKS

The Site-Specific Tasks table lists tasks (Management Option Codes), one-time cost to implement and pertinent documentation for each recreation site. Only sites with proposed management changes are listed.

HUMBOLDT-TOIYABE National Forest	\$55,403,600	TOTAL ONE-TIME COST TO IMPLEMENT TASKS
----------------------------------	--------------	--

<b>8a. INFO ENTRY: 5-Year Proposed Program of Work - Table of Tasks</b>						
MANAGING ORG	SITE NAME or PROGRAMMATIC ACTION	TASK	START DATE	FINISH DATE	ONE-TIME COST TO IMPLEMENT ACTION	TASK COMMENTS
41701	CARSON RIVER TAKEOUT	H2,F10,F11,C2,I3	10/1/2010	9/30/2012	\$3,000	Charge a river permit fee, reduce season, increase law enforcement and I/E. Currently operated by the county and landlord mtc. Is by the USFS. Reduce season, charge fees (raft permit) by 2012; \$3M for biz plan, RRAC process.
41701	CRYSTAL SPRINGS CAMPGROUND	F1,F9,F14,I4,C2	4/1/2007	9/30/2012	\$535,000	Electric hook-ups, increase fees, add/expand loops & amenities Upgrade to Level IV (\$500,000 by 2012) - Replace restroom (cost \$35000-DONE). Potential PPV - CG Development.
41701	EBBETTS PASS TRAILHEAD	F9,J1,H1,I3	10/1/2009	9/30/2012	\$277,500	Upgrade to Dev. Scale 3, new SST, expand & define parking (\$250M by 2011), change to concession Replace restroom (cost \$27,500 by 2011). Potential PPV - CG Development. Concession fee operation by 2012
41701	FAYE LUTHER TRAILHEAD	F16,H2	4/1/2008	9/30/2010	\$15,000	Add SST County operation by 2010. Add SST if county operates (\$15,000).
41701	HIGH TRAIL TRAILHEAD	A2,C2,H1	4/1/2008	9/30/2010	\$6,000	Remove Toilet (\$6M) or find partner by 2010? Check op. costs shorten season by 2008
41701	HOPE VALLEY CAMPGROUND	C2,F1,F9,F11,J1	10/1/2009	9/30/2012	\$800,000	upgrade to dev. scale 4, add loops Upgrade to Level IV. Potential PPV CG Development
41701	H-T SPOONER SUMMIT PICNIC AREA/ TRT TRAILHEAD	D1,D4,D5,F6,F12,I3	10/1/2006	9/30/2009	\$600,000	Upgrade and expand parking lot Upgrade by 2008(\$600,000 TEA21 grant funded), reduce picnic area by 2008. charge fee under concession operation by 2009
41701	KEYSTONE TRAILHEAD	C2,H2,F16	10/1/2009	9/30/2011	\$0	Partners with user groups or county 8 - Partner (users?) to operate by 2011
41701	KIT CARSON CAMPGROUND	A2,K2,C2	4/1/2010	9/30/2011	\$20,000	Convert to group use or Decommission, begin glide path 9 Decommission site by 2011
41701	LOOKOUT CAMPGROUND	F3,F8,H1	4/1/2008	9/30/2010	\$0	Restore water as gray water system. Add holding tank for host. 10 Add non-potable water and holding tank (\$30M)by 2010. return to concession by 2010
41701	MARKLEEVILLE CAMPGROUND	NC2			\$0	11 NC
41701	MT ROSE SUMMIT INTERPRETIVE SITE	C2	10/1/2007	9/30/2009	\$0	Close restroom during winter, continue to keep parking area open in winter. Change operation from 365 to 150 days. 12 Close restroom - winter
41701	MT. ROSE CAMPGROUND	F6,C2	4/1/2010	9/30/2012	\$30,000	Replace pit toilets with SSTs. 13 Replace restroom - \$30,000 by 2012.
41701	SILVER CREEK CAMPGROUND	C2			\$0	14
41701	SNOWSHOE SPRINGS CAMPGROUND	C2,D8,K	4/1/2009	9/30/2011	\$100,000	Close water system by 2011, convert to picnic area. 15 Convert to day group use - \$100,000 by 2011
41701	TAHOE MEADOWS TRT TRAILHEAD	C2,H2,I3	10/1/2009	9/30/2011	\$3,000	Close during winter, change from 365 to 150 operating days by 2010. Partners bring in porta potties, Charge fee by 2011; \$3M for biz plan, RRAC process 16 Close restroom during winter.

41701	TAMARACK PCT TRAILHEAD	F12	4/1/2008	9/30/2010	\$15,000	Improve visitor information 17 More signing (\$15M by 2010). Potential PPV CG development.
41701	THOMAS CREEK TRAILHEAD	NC3			\$0	Operated by Washoe Co. 18 NC
41701	WHITES CREEK TRAILHEAD	NC3			\$0	Operated by Washoe Co. 19 NC
41701	WOLF CREEK TRAILHEAD	D5	6/1/2007	9/30/2010	\$37,500	Change site desitn to eliminate dispersed camping (\$10) by 2010 20 Replace restroom \$27,500 by 2008.
41702	BOOTLEG CAMPGROUND	C2	5/10/2008	9/13/2008	\$0	C2: 2008
41702	BUCKEYE CAMPGROUND	C2	5/10/2008	10/15/2008	\$0	C2: 2008 water system ok now
41702	BUCKEYE TRAILHEAD	C2,F13,F16	5/10/2008	10/15/2008	\$7,000	C2: 2008 trailhead sign, trail directional sign, bear box--2008
41702	CHRIS FLAT CAMPGROUND	C2	4/6/2008	11/15/2008	\$0	C2: 2008
41702	CRAGS CAMPGROUND	C2,F16	5/9/2008	9/30/2010	\$0	C2: 2008 bear boxes at all sites-2010
41702	CRAGS GROUP CAMPGROUND	C2,F16	5/9/2008	9/30/2010	\$0	C2: 2008 bear boxes at all sites-2010
41702	DESERT CREEK CAMPGROUND	D3	4/1/2009	9/30/2012	\$0	Remove toilet--eliminate deferred maintenance (after toilet installed in nearby dispersed area)
41702	EAST VIRGINIA CREEK DISPERSED AREA	I3,F9,F8,H1	5/1/2009	9/30/2011	\$21,500	Upgrade from Disp. Camp to Campground. host on site will reduce annual operating costs.host site=\$5M by 2009 Charging fees will make mgmt of the site appealing to concessionaire=\$1.5M by 2009; upgrades=\$15M by 2011
41702	GREEN CREEK CAMPGROUND	C2,J1,F6,F9	5/17/2007	9/30/2017	\$125,000	C2: 2008.Should be Dev Scale 3. improve CG & Grp. Camp by 2012. eliminate disp. camping nearby. expand & improve site by 2017; toilet replaced 2007; bear boxes in all sites
41702	GREEN CREEK GROUP CAMPGROUND	C2,F9	5/17/2008	9/30/2017	\$68,000	C2: 2008 Surface roads, spurs, campsites. Bear boxes in all sites
41702	GREEN CREEK TRAILHEAD	C2,F16	5/17/2008	9/30/2012	\$2,500	C2: 2008 Install 2 bear boxes-2012
41702	HONEYMOON CAMPGROUND	C2,F16	4/24/2008	9/30/2011	\$20,000	C2: 2008 bear boxes at all sites-2011
41702	LEAVITT FALLS VISTA OBSERVATION SITE	C2,F6,F9	4/27/2008	9/30/2012	\$70,000	C2: 2008. By 2012:Replace toilet, improve parking. Removing toilet would eliminate annual operation costs.
41702	LEAVITT MEADOWS CAMPGROUND	C2	4/27/2008	10/11/2008	\$0	C2: 2008
41702	LEAVITT MEADOWS TRAILHEAD	C2,F9	4/27/2008	9/30/2009	\$190,000	C2: 2008 Armor river bank to protect parking
41702	LOWER TWIN LAKE BOAT RAMP	C2,F9,I3	5/9/2008	9/30/2011	\$76,500	C2: 2008 Upgrade facilities. Charging a fee will make the site attractive to concessionaire or resort permittee.
41702	LOWER TWIN LAKE CAMPGROUND	C2	5/9/2008	10/12/2008	\$0	C2: 2008
41702	OBSIDIAN CAMPGROUND	C2,F9	6/7/2008	9/30/2012	\$187,000	C2: 2008. Should be Dev Scale 3. Upgrade facilities, roads and parking. \$111,880 DM is to install new water system
41702	PAHA CAMPGROUND	C2	5/9/2008	10/12/2008	\$0	C2: 2008
41702	ROBINSON CREEK CAMPGROUND	C2	4/24/2008	10/31/2008	\$0	C2: 2008
41702	ROSASCHI RANCH TRAILHEAD	F6,F9			\$0	
41702	SHINGLE MILL FLAT PICNIC AREA	H2,C2	4/1/2008	9/30/2010	\$6,000	C2: 2008. Transfer operation to Caltrans or close and decomm. (toilet removal=\$6Mby 2010); used primarily as a highway rest stop. Transferring operatings to partner agency would reduce operating costs to \$0 per year
41702	SONORA BRIDGE CAMPGROUND	C2,F6	4/1/2007	9/30/2008	\$40,000	C2: 2008 DM is to repair water system (2008) and replace 1 toilet (2007)
41702	SONORA BRIDGE MEADOW PICNIC AREA	C2,F9	5/11/2008	9/30/2017	\$35,000	C2: 2008. Upgrade parking and facilities.

41702	TRUMBULL LAKE CAMPGROUND	C2,F9	6/8/2008	9/30/2017	\$175,000	C2: 2008. Grade, surface roads & spurs, replace hydrants, drains, gate bear boxes in all sites-2012
41702	VIRGINIA LAKES TRAILHEAD	F16	6/1/2012	9/30/2012	\$0	Install 2 bear boxes
41702	WEST VIRGINIA CREEK DISPERSED AREA	C2,F16,I3	5/1/2008	9/30/2011	\$16,500	C2: 2008. Upgrade from Disp. Camp to Campground. Charging fees will make mgmt of the site appealing to concessionaire=\$1.5M by 2009; upgrades=\$15M by 2011
41703	BIG CREEK CAMPGROUND	D2,E1,I3,I5	4/1/2008	9/30/2012	\$3,000	FROM UNR RANGE CAMP REQUEST \$500, and \$4 per night \$2 day use fee by 2012; \$3M for biz plan, RRAC process
41703	BOB SCOTT CAMPGROUND	I3,I5,F16	11/1/2007	9/30/2008	\$3,000	Defer H2 (NDOT take over O&M) until evaluation of fees \$8 per night, \$2 day use by 2008; \$3M for biz plan, RRAC process
41703	COLUMBINE CAMPGROUND	D2,H2,I3,I5	6/1/2008	9/30/2012	\$4,000	check o&m costs, H2=2010, \$1M \$4 per night, \$2 fee day use by 2012; \$3M for biz plan, RRAC process. Potential for Yomba partnership by 2010
41703	KINGSTON CAMPGROUND	I3,I5,D2,F8,H5,E1	4/1/2008	9/30/2012	\$9,000	D2=2008,F8=2010-\$5,000; H5=2009-\$1M \$4 per night, \$2 fee day use by 2012; \$3M for biz plan, RRAC process; drop trash pickup 2008
41703	KINGSTON GUARD STATION RENTAL	I3,I5	4/1/2008	9/30/2012	\$30,000	Conservatively open from Memorial Day to Labor Day \$35 per night by 2012; \$3M for biz plan, RRAC process; \$27M for D.M. repairs
41703	KINGSTON TRAILHEAD	NC1			\$0	
41703	TOQUIMA CAVE CAMPGROUND	C2			\$0	Defer decommission option
41704	BARLEY CREEK TRAILHEAD	C2			\$0	
41704	COW CANYON TRAILHEAD	A2,D3	4/1/2008	9/30/2008	\$1,000	Remove toilet \$1M
41704	NORTH/SOUTH TWIN TRAILHEAD	H5,	10/1/2009	9/30/2010	\$300	Check o&m costs
41704	PEAVINE CREEK CAMPGROUND	C2,D2,H2,H5,E3	10/1/2007	9/30/2012	\$4,000	H2=2009-\$500;H5=2009-\$500; \$4 per night, \$2 day use by 2012; \$3M for biz plan, RRAC process;
41704	PINE CREEK CAMPGROUND	I3,I5,F8,H5,D2	10/1/2007	9/30/2012	\$9,000	Prison Labor currently does mtc. But host would ensure fee compliance and gain Ops & mtc. D2 by 2008,F8=2010 \$5,000; H5=2009-\$1M \$4 per night, \$2 day use by 2012; \$3M for biz plan, RRAC process;
41704	PINECREEK TRAILHEAD	H5	10/1/2009	9/30/2010	\$500	
41705	CATHEDRAL ROCK PICNIC AREA	F11,F12,F9,D7	10/1/2007	12/1/2011	\$13,300,000	reduce # of hydrants, increase visitor info DM= 0 w/proposed reconstruction (SNPLMA \$13.3MM by 2011); would reduce Op costs because of less mtce time
41705	CATHEDRAL ROCK GROUP PICNIC	C1,A1	10/1/2007	12/1/2011	\$0	2007: C1 for short-term;decommission as part of cathedral reconstruction DM goes to 0 with proposed removal
41705	CATHEDRAL ROCK TRAILHEAD	F9,F10,F13,F12	10/1/2007	12/1/2011	\$3,700,000	relocate, reconstruct w/picnic area construction. Increase info & interp. Increase presence of law enforcement to discourage vandalism. Add parking & replace toilet DM= 0 w/ proposed reconstruction; \$6000 for toilet pumping, garbage collection
41705	DEER CREEK PICNIC AREA	A2,H2,A1b	10/1/2009	9/30/2014	\$10,000	A2 for picnic area only, not rest area; close picnic area after Middle Kyle developed (2014?). find partner for rest area mgmt or decommission DM goes to 0 with proposed reconstruction; ideally would reduce Op costs because of less time needed
41705	DESERT VIEW INTERPRETIVE SITE	F9,F11,F12,F13,H2,H3,I3	1/1/2007	11/30/2009	\$523,000	staffed/cleaned/interpreted by volunteers or partners? The F9 option encompasses scheduled total reconstruction (SNPLMA \$523M by 2010) Should have annual maintenance, no DM
41705	DOLOMITE FAMILY CAMPGROUND	C1,F9,F12,K2	6/1/2008	9/30/2013	\$7,000,000	PwC input for possible site conversions. '07:short-term C1; reduce season once MKC opens. Increase occupancy by reducing nearby dispersed camping. DM=0 w/proposed reconstruction (SNPLMA \$7MM by 2013); reduces op costs-less o&m time
41705	FLETCHER VIEW CAMPGROUND	F6,F5		11/1/2005	\$996,000	F6 and F5 would encompass the changes built in Fletcher View Phase II project. DM=0 with completed reconstruction; reduces Op costs because of less time needed

41705	FOXTAIL GROUP PICNIC AREA	F9,F12,K2	6/1/2008	9/30/2012	\$4,800,000	Use PwC study for possible site use conversions DM=0 with proposed reconstruction (SNPLMA \$4.8MM by 2012); ideally would reduce Op costs because of less time needed
41705	HILLTOP CAMPGROUND	C1,D7,F12	1/1/2008	9/30/2010	\$12,000	C1: 2008. reduce the number of hydrants by 2009 (\$2M); increase visitor information by 2010 (SNPLMA \$10M) AM may decrease with fewer hydrants
41705	KYLE CANYON CAMPGROUND	F9,F12	10/1/2007	9/30/2013	\$7,200,000	Part of reconstruction proposal DM=0 with proposed reconstruction (SNPLMA \$7.2MM by 2013); reduces op costs-less o&m time
41705	KYLE CANYON REST AREA	F11,F12	9/30/2005	9/30/2010	\$100,000	F11 and F12 would be addressed with planned Sharon Schafer project for inside VC and outdoor waysides (SNPLMA \$100M by 2010).
41705	LEE CANYON ORGANIZATION	NC3			\$0	No change - operated by Clark County FS does no DM work here
41705	LOWER KYLE CANYON CAMPGROUND	G1			\$0	Currently in planning stage - perhaps yr. round operation. Use PwC analysis SNPLMA-funded planning & development
41705	LOWER KYLE CANYON PICNIC AREA	G1			\$0	Currently in planning stage - perhaps yr. round operation. Use PwC analysis SNPLMA-funded planning & development
41705	LOWER KYLE CANYON VISITOR CENTER	G1			\$0	Currently in planning stage - perhaps yr. round operation. Use PwC analysis Off-set based on OM costs to break even. SNPLMA- funded planning & development
41705	MAHOGANY GROVE GROUP CAMPGROUND	C1,F9,F12	6/1/2009	9/30/2012	\$3,900,000	C1: 2008. F9, F12: Part of reconstruction proposal DM=0 with proposed reconstruction (SNPLMA \$3.9MM by 2012); would reduce Op costs because of less time needed
41705	MARY JANE TRAILHEAD	F9,F6,F12,F13	1/1/2007	9/30/2011	\$744,000	F9, F12, F13, F6 - changes proposed in Upper Kyle EA would replace toilet, resurface parking, improve visitor info. DM=0 with proposed reconstruction (SNPLMA \$744M by 2011); would reduce Op costs because less o&m time
41705	MCWILLIAMS CAMPGROUND	C1,F9,F12	6/1/2008	9/30/2012	\$9,300,000	C1: 2008. F9, F12: Part of reconstruction proposal DM=0 with proposed reconstruction (SNPLMA \$9.3MM by 2012); would reduce Op costs because of less time needed
41705	OLD MILL PICNIC AREA	C1,D7,F7,K,F12	6/1/2008	9/30/2015	\$0	C1: 2008. reduce # hydrants; allow camping to increase revenue; increase amenities to attract more visitors; improve visitor info. DM=0 with proposed reconstruction (not yet scheduled); would reduce Op costs (less o&m time)
41705	SAWMILL TRAILHEAD	H2,I3	10/1/2005	9/30/2012	\$0	Construction completed 2006 - yr. round operation Find partner for operations & charge fee by 2012
41705	TECOPA CHARCOAL KILNS INTERPRETIVE SITE	C1,F11,F12,F13,H2			\$0	in planning stage. Add interpretive info. partner to operate in conjunction w/other future west side developmts
41706	76 CREEK CABIN RENTAL	H2,I3,C2,F6	6/1/2008	9/30/2012	\$15,000	Reduce season, concession or outfitter. Replace toilet (cost \$15,000.)
41706	BIG BEND CAMPGROUND	D8,A1a,D3	6/1/2005	9/30/2010	\$10,000	Close H2O--DONE, FY05, reduce fee, reduce season, remove toilets (cost \$10,000.)
41706	CAMP DRAW TRAILHEAD	F6,C2	6/1/2008	9/30/2009	\$16,000	Upgrade toilets with SSTs. Reduce season, replace toilet (cost \$16,000.)
41706	JACK CREEK CAMPGROUND	A1a,D3	10/1/2007	9/30/2010	\$3,000	remove toilet Convert to CUA, remove toilet (\$3,000)
41706	WILDHORSE CROSSING UPPER LOOP GROUP CG	A1a	10/1/2007	10/1/2008	\$0	Currently closed
41706	WILDHORSE CROSSING CAMPGROUND	H2,I3,A1a	5/1/2008	9/30/2011	\$0	Used as a rest stop. Hold decommission option pending success of partnership (Shoshone Paiute manage Wildhorse Reservoir; they've shown interest & ability to run CG). Low niche rating. Start REA & RRAC fee process
41707	ANGEL CREEK CAMPGROUND	C2	4/1/2008	9/30/2008	\$0	reduce season
41707	ANGEL CREEK PICNIC GROUND	B1,	5/1/2010	9/30/2010	\$0	close
41707	ANGEL LAKE CAMPGROUND	D8,C2,I2	5/1/2008	9/30/2011	\$0	reduce season, close water system, reduce fee

41707	ANGEL LAKE PICNIC GROUND	D8,C2,I2	5/1/2008	9/30/2011	\$0	reduce season, close water system, reduce fee
41707	GREYS LAKE TRAILHEAD	C2	4/1/2008	9/30/2008	\$0	reduce season
41707	POWERHOUSE GROUP PICNIC AREA	C2,I4	4/1/2008	9/30/2010	\$0	reduce season, close water system (ALREADY CLOSED)
41707	POWERHOUSE PICNIC GROUND	C2,I4	4/1/2008	9/30/2010	\$0	Charge at canyon entrance (consider HIRA). reduce season, close water system (ALREADY CLOSED)
41707	ROADS END TRAILHEAD	D8,I3,C2,F8	6/1/2008	9/30/2010	\$27,500	Charge at canyon entrance (consider HIRA). Replace toilet (DONE 07) add host site reduce season, concession or outfitter, close water, charge (permit) fee
41707	RUBY GUARD STATION RENTAL	H2,I3,C2	6/1/2008	9/30/2012	\$0	reduce season, concession or outfitter
41707	SOLDIER BASIN TRAILHEAD	C2	4/1/2008	9/30/2008	\$0	reduce season
41707	SOUTH RUBY CAMPGROUND	H2,C2	4/1/2008	9/30/2011	\$0	Close if USFWS is not willing to operate. reduce season, move to USFWS mgmt
41707	SOUTH RUBY SERVICE AREA	H2,D7,D5,A1b	4/1/2008	9/30/2011	\$0	Close if USFWS is not willing to operate. In the interim, close the fish-cleaning station but keep the RV dump station and charge for it Close or move to USFWS. Most likely to decommission.
41707	TERRACES PICNIC AREA	B1,C2,D8,I4	4/1/2008	9/30/2011	\$27,500	Charge at canyon entrance. close water, replace toilet (27,500), reduce the season
41707	THOMAS CANYON CAMPGROUND	C2	10/1/2007	9/30/2008	\$27,500	reduce season, replace toilet (cost 27,500)
41708	LOWER BLUSTER CAMPGROUND	F6,H3,I3	4/1/2007	9/30/2009	\$20,500	Replace pit toilets with SSTs. New toilet = 17,500 (DONE, 07); charge fee (biz plan, RRAC review=\$3M)
41708	PAVLAK CAMPGROUND	F6,H3,I3,C2	4/1/2007	9/30/2009	\$20,500	Replace pit toilets with SSTs. New toilet = 17,500 (DONE, 07); charge fee (biz plan, RRAC review=\$3M); reduce season
41708	PINE CREEK CAMPGROUND	I3,C2	10/10/2007	9/30/2009	\$3,000	charge fee (biz plan, RRAC review=\$3M); reduce season
41708	SAWMILL CAMPGROUND	F6,H3,I3,C2	4/1/2007	9/30/2009	\$20,500	Replace pit toilets with SSTs. New toilet = 17,500 (DONE, 07); charge fee (biz plan, RRAC review=\$3M); reduce season
41708	SLIDE CREEK TRAILHEAD	B2,I3,C2	4/1/2008	9/30/2009	\$3,000	Close and don't maintain corals and handicap horse loading. Decommission Corrals; charge fee (biz plan, RRAC review=\$3M); reduce season
41708	UPPER BLUSTER CAMPGROUND	F6,H3,I3,C2	4/1/2007	9/30/2009	\$3,000	Replace pit toilets with SSTs. New toilet - REPLACED in 07 at Lower Bluster to serve both sites; charge fee (biz plan, RRAC review=\$3M); reduce season
41708	WILDCAT CABIN RENTAL	H2,I3,C2	6/1/2008	9/30/2012	\$3,000	outfitter or concession operation Charge fee (biz plan, RRAC review=\$3M), reduce season
41709	BERRY CREEK CAMPGROUND	C2,F6,D2,H3,I3	5/1/2008	9/30/2012	\$21,500	Repl. Old vaults w/ SST-2012; Reduce Season/No Trash by 2010. DM includes new SST (Cost would be \$18,000.) charge fee by 2012; \$3M for biz plan, RRAC process
41709	BERRY CREEK GS RENTAL	H2,I3	10/1/2009	9/30/2012	\$3,000	Need a business plan - estimated O&M and revenues based on expectations by 2012-\$3M
41709	BIRD CREEK GROUP PICNIC AREA	K1,D2,H3,I3,F8	10/1/2007	9/30/2011	\$3,500	increase use of volunteers. Add a host site to increase compliance. Reduce Season/No Trash by '09=\$500. Convert some sites to overnight & charge overnight fees-'09; \$3M for biz plan, RRAC process
41709	CHERRY CREEK CAMPGROUND	D3,H3,C1	10/1/2007	9/30/2011	\$1,800	increase use of volunteers-2011 Remove Toilets - Ops=\$1,800.
41709	EAST CREEK CAMPGROUND	H3,D2,C2	5/1/2008	9/30/2011	\$500	increase use of volunteers-2011 Reduce Season/No Trash=2009-\$500.
41709	ELLISON GUARD STATION RENTAL	H2,I3,D8,	10/1/2009	9/30/2012	\$3,000	close h20 by 2012 Need a business plan - estimated O&M and revenues based on expectations by 2012-\$3M

41709	KALAMAZOO CAMPGROUND	A2,D3,H3,	6/1/2008	9/30/2009	\$6,000	remove toilets by 2010=\$6000; move toward dispersed use CUA DM includes cost of \$17,500 for an SST.
41709	TIMBER CREEK CAMPGROUND	F8,C2,H3,I4	5/1/2008	9/30/2011	\$10,000	Reduce season/No Trash by 2009; host site by 2012=\$7M;increase fees by 2009; \$3M for biz plan, RRAC process
41709	TIMBER CREEK GROUP PICNIC AREA	H3,D2	5/1/2008	9/30/2011	\$500	increase use of volunteers-2011 Reduce season/No Trash=\$500 by 2009
41709	WARD MOUNTAIN CAMPGROUND	I4,D2,C2,H2	5/1/2008	9/30/2011	\$3,500	Reduce season/No Trash=\$500 by 2009;add Host thru partner by 2011; increase fees by 2009; \$3M for biz plan, RRAC process
41709	WARD MOUNTAIN GROUP PICNIC AREA	D2	5/1/2008	9/30/2011	\$500	Reduce season/No Trash by 2009=\$500;add Host thru partner
41709	WHITE RIVER CAMPGROUND	H3,F6,D2,C2	5/1/2008	9/30/2009	\$7,000	Reduce Season/No Trash by 2009. remove toilets, fee by 2009; \$1M for RRAC process; move toward dispersed rec, CUA (DM includes 2 SSTs cost of \$35,000.)
41710	LYE CREEK CAMPGROUND	C2,F8,I5,I4	6/1/2008	9/30/2010	\$9,000	business plan for fee increase (\$3M) & season reduction in fy08 develop host site & holding tank (\$6M) fy2010
41710	MARTIN CREEK GS RENTAL	I3,D8,D7	6/1/2008	9/30/2012	\$3,000	Complete business plan. Need a business plan - estimated O&M and revenues based on expectations

B. DEFERRED MAINTENANCE REDUCTION ANALYSIS

Variable DM Reduction Rate					
DM Total	% Reduction	Reduction \$	Annual Expenditure Required for 4 or 5 Years to Meet Target	Target DM \$ by Target Date	Target Date
\$4,960,089	20%	\$992,018	\$198,400	\$3,968,071	2010
\$3,968,071	50%	\$2,480,045	\$496,000	\$1,488,027	2015
\$496,009	20%	\$992,018	\$198,400	\$496,009	2020

Straight Line DM 14 Year Reduction Rate					
DM Total	% Reduction	Reduction \$	Annual Expenditure Required to Meet 2020 Target	Target DM \$ by 2020	Target Date
\$4,960,089	90%	\$4,464,080	\$343,400	\$496,009	2020
DM Total After MOC Staff Work	Target DM \$ by 2020	Reduction \$ After MOC Staff Work	Annual Expenditure Required to Meet 2020 Target after MOC Staff Work		
\$1,895,212	\$496,009	\$1,399,203	\$107,600		
<b>* Reduction from MOC staff work</b>			<b>\$3,064,877</b>		
<b>Yrs. Resulting from staff work</b>			<b>9</b>		

Annual Funds Available for DM			
Annual Expenditure Required to Meet 2020 Target after MOC Staff Work	Annual Granger-Thye Fee Off-set	Annual Revenues Available for DM	Remaining Annual DM Reduction Shortfall
\$107,600	\$ 95,630	\$0	\$11,970

## 5. APPENDIX

### A. RECREATION SITE DEVELOPMENT SCALE GUIDE

Scale #	Definition
0	<p><b>No site modification</b></p> <ul style="list-style-type: none"> <li>○ No constructed improvements evident at the site</li> <li>○ Little to no controls or regimentation</li> <li>○ Primary access usually over primitive roads</li> <li>○ Spacing informal and often established by user</li> </ul>
1	<p><b>Almost no site modification.</b></p> <ul style="list-style-type: none"> <li>○ Rustic or rudimentary improvements designed for protection of the site rather than comfort of the users.</li> <li>○ Use of synthetic materials excluded.</li> <li>○ Minimum controls are subtle.</li> <li>○ No obvious regimentation.</li> <li>○ Primary access usually over primitive roads</li> <li>○ Spacing informal and extended to minimize contacts between users.</li> </ul>
2	<p><b>Minimal site modification.</b></p> <ul style="list-style-type: none"> <li>○ Rustic or rudimentary improvements designed primarily for protection of the site rather than the comfort of the users.</li> <li>○ Use of synthetic materials avoided.</li> <li>○ Minimum controls are subtle.</li> <li>○ Little obvious regimentation.</li> <li>○ Spacing informal and extended to minimize contacts between users.</li> <li>○ Primary access usually over primitive roads.</li> <li>○ Interpretive services informal, almost subliminal.</li> </ul>
3	<p><b>Moderate site modification.</b></p> <ul style="list-style-type: none"> <li>○ Facilities about equal for protection of natural site and comfort of users.</li> <li>○ Contemporary/rustic design of improvements is usually based on use of native materials. Inconspicuous vehicular traffic controls usually provided.</li> <li>○ Roads may be hard surfaced and trails formalized.</li> <li>○ Development density about 3 family units per acre.</li> <li>○ Primary access may be over high standard roads.</li> <li>○ Interpretive services informal if offered, but generally direct.</li> </ul>
4	<p><b>Heavy site modification.</b></p> <ul style="list-style-type: none"> <li>○ Some facilities designed strictly for comfort and convenience of users.</li> <li>○ Luxury facilities not provided.</li> <li>○ Facility design may incorporate synthetic materials.</li> <li>○ Extensive use of artificial surfacing of roads and trails.</li> <li>○ Vehicular traffic control usually obvious.</li> <li>○ Primary access usually over paved roads.</li> <li>○ Development density 3-5 family units per acre.</li> <li>○ Plant materials usually native.</li> <li>○ Interpretive services, if offered, often formal or structured.</li> </ul>
5	<p><b>Extensive site modification.</b></p> <ul style="list-style-type: none"> <li>○ Facilities mostly designed for comfort and convenience of users and usually include flush toilets; may include showers, bathhouses, laundry facilities, and electrical hookups.</li> <li>○ Synthetic materials commonly used.</li> <li>○ Formal walks or surfaced trails.</li> <li>○ Regimentation of users is obvious.</li> <li>○ Access usually by high-speed highways.</li> <li>○ Development density 5 or more family units per acre.</li> <li>○ Plant materials may be non-native.</li> <li>○ Formal interpretive services usually available. Designs formalized and architecture may be contemporary.</li> <li>○ Mowed lawns and clipped shrubs not unusual.</li> </ul>

## B. MANAGEMENT OPTION CODE LIST

### A – DECOMMISSION [Capture decommissioning costs in 5-year Program of Work]

1. Decommission
  - i. As soon as practical
  - ii. Begin glide path
2. Partial Decommission (e.g., remove campsites next to boat ramp)

### B - CLOSURE

1. Close – defer decommissioning
2. Partial Closure – defer decommissioning (e.g., close campsites next to boat ramp but don't remove yet)
3. Closure pending completion of site improvements

### C - CHANGE SEASON [If a change, reflect in columns J or K, in worksheet 3, the change in operating days]

1. Increase season
2. Reduce season
3. Intermittent closure during season
4. Open weekends/holidays only
5. Open for hunting season only

### D – REMOVE OR ELIMINATE A COST SOURCE or SERVICE SEASON [use Site task cost detail in Worksheet 2b of the Ranking Template]

1. Reduce mowed area
2. Remove trashcans
3. Remove restroom facilities
4. Remove tables and/or grills
5. Other changes to site design or features to reduce costs
- 6.
7. Other changes to eliminate on-site services
8. Close or remove water system
9. Close or remove waste water system

### E - REDUCE SERVICE FREQUENCY SEASON [use Site task cost detail in Worksheet 2b of the Ranking Template] THESE CODES ARE RARELY USED AND REQUIRE SIGNIFICANT DOCUMENTATION

1. Reduce service – mow less frequent
2. Reduce service – trash and clean-up less frequent
3. Reduce service – restroom cleaning less frequent
4. Reduce service – staff presence reduced on site
5. Reduce service – less frequent bulletin board posting
- 6.
7. Reduce service – other

### F – INCREASE/IMPROVE SERVICES [use applicable rates in Features section of Recreation Sites module in Infra]

1. Add electrical hook-ups
2. Increase amps of existing electrical hook-ups
3. Add water hook-ups
4. Add sewer hook-ups
5. Add hot showers
6. Upgrade existing feature (e.g., replace SST with flush toilets)
7. Add amenities (playground, swim area, etc)
8. Add a Host site(s)

9. Major reconstruction/upgrade of the recreation area
10. Increase staff presence (including law enforcement)
- 11.
12. Improve visitor information and bulletin boards
13. Improve signing
14. Add water delivery service to individual users
15. Add greywater/blackwater pumping service to individual users
16. Other
17. Add a toilet building(s)

#### G – CONSTRUCT A NEW AREA

1. Construct a new site

#### H – CHANGE OPERATOR or WORKFORCE

1. Change to a concession operation [**apply a 60% savings to O&M cost per operating day**]
2. Operate through a partner agreement (e.g., local community, State agency, etc)
3. Volunteer (increase use of volunteers at the site)
4. Contractor (begin or expand use of contracting)
5. Prison labor (begin or expand use of prison labor)
6. Other

#### I – CHANGE FEES

1. Eliminate fee
2. Reduce fee
3. Begin charging a fee
4. Increase current fee
5. Increase fee compliance efforts

#### J – CHANGE CAPACITY (PAOT) [If a change, reflect in columns S or T, in worksheet 3, the change in capacity]

1. Increase Capacity (Add a loop, build additional sites, add parking, etc)
2. Reduce Capacity (i.e., close a loop, remove camp units, eliminate a parking area, etc.)

#### K -- SITE CONVERSION

1. Change in Development Scale
2. Change in Site Type
3. Study feasibility of converting site from FA&O facility to recreation site

#### L – REPLACEMENT/REPAIR

1. Replacement of an existing constructed feature that results in the reduction of Deferred Maintenance
2. Repair of an existing constructed feature that results in the reduction of Deferred Maintenance.
3. Conversion of constructed features to meet accessibility standards.

#### NC – NO CHANGE (i.e., none of the above site specific changes apply)

1. No change – currently USFS operated
2. No change – currently concession operation
3. No change – currently operated by a partner under some other type of formal agreement

Note – A site can have more than one code