

Santa Clara County Parks

Recreational Facilities

CALERO COUNTY PARK GEODATABASE DESIGN

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Prepared By:

Christopher Prendergast

West Valley College Geographic Information Systems Technology



1	Intr	oduction	. 4
	1.1	Background	. 4
	1.2	Projection & Datum	. 4
1	Det	ailed Geodatabase Design	
	1.3	Recreational Facilities Geodatabase and the CMMS	
	1.4	Overview of Design	
2		curring Fields	
	2.1	Facility Number-related fields	
	2.2	Other recurring fields (Occur in all feature classes)	
3		erview of Feature Classes	
4	Buı	Ildings (A) Feature Class	
	4.1	Buildings	. 8
5	Gro	ounds (B) Facility Classes	10
	5.1	Grounds_CampPicncPts (Not implemented)	
	5.2	Grounds_CamppicncPly (Not implemented)	
	5.3	Grounds_Pts (Not implemented)	
	5.4	Grounds_Lines (Not implemented)	
	5.5	Grounds_Poly 🖼	10
6	Roa	ads, Ramps, Parking Facility Classes	12
	6.1	Road_Bridges (Not implemented)	
	6.2	Roads_CampSpur (Not implemented)	
	6.3	Parking 🔂	12
	6.4	Roads +	13
	6.5	Roads_Other (Not implemented)	14
7	Stri	uctures (D) Facility Classes	
	7.1	Structures_Fences (Not implemented)	15
	7.2	Structures_Signs	
	7.3	Structures_Other (Not implemented)	16
	7.4	Structures_Dams	16
	7.5	Structures_Levees (Not implemented)	
	7.6	Structures BankPrtctn (Not implemented)	18
8	Sys	stems Facility Classes	
	8.1	Systems_Lines (Not implemented)	
	8.2	Systems_Pts (Not implemented)	19
	8.3	Systems_Poly (Not implemented)	
9	Kıd	ling, Hiking Trails (F) Facility Classes	
	9.1	Trails 🛨	20

10 Ad	ditional Feature Classes	22
10.1	Stream 🛨	22
11 Ov	rerview of Domains	
	main Details	
12.1	BANK_PRTCTN (Long integer)	
12.2	BRIDGE TYPE (Text)	
12.3	BUILDING ADMIN (Text)	
12.4	BUILDING CONCESSION (Text)	
12.5	BUILDING EMPLOYEE (Text)	
12.6	BUILDING HISTORIC (Text)	
12.7	BUILDING_PUBLIC (Text)	
12.8	CAMP ACCESS (Text) – Not used	
12.9	CAMP POLY (Text) – Not used	27
12.10	CAMP TYPE (Text) – Not used	27
12.11	DAM TYPE (Long integer)	28
12.12	FACILITY CLASS (Text)	28
12.13		
12.14	FENCE_TYPE (Long integer) – Not used	28
12.15		
12.16	GEN_SUBTYPE (Long integer) – Not used	29
12.17		
12.18	GRNDS_TYPE (Text)	29
12.19	PARKING_INUND (Long integer)	29
12.20	PICNIC_TYPE (Text)	30
12.21	ROAD_BARRIER (Text) – Not used	30
12.22	ROAD_BUMPER (Text) – Not used	30
12.23	ROAD_GUARDRL (Text) – Not used	30
12.24	ROAD_SURFACE (Text) – Not used	30
12.25	ROAD_WIDTH (Long integer)	30
12.26	SIGNS_CONST (Text) – Not used	31
12.27	SIGNS_HAZARD (Text) – Not used	31
12.28	SIGNS_INTERP (Text) – Not used	31
12.29		
12.30		31
12.31	_	33
12.32	_	
12.33	_	
12.34	_	
12.35		34
12.36	_ \ /	
12.37		
12.38	_	
12.39	_	
12.40		
12.41	YES_NO (Long integer)	36

1 Introduction

1.1 Background

The California Department of Parks and Recreation (DPR) operates and maintains a broad range of recreational facilities within its 279 park units. An equally broad range of information is used to support planning, development, management, and maintenance activities of these valuable public resources. This information is represented in Computer-Aided Design & Drafting (CADD) drawings, photographs, aerial imagery, Geographic Information System (GIS) data, tabular data records (both paper and electronic formats), and project-specific studies.

These diverse collections of information are currently dispersed (but not easily accessible) within individual Park system offices: headquarters, regional service centers, districts, and certain park units. It is becoming increasingly important for DPR staff at all organizational levels to have better access to these information resources. The goal of this project will be to provide a unified structure for maintaining, accessing, and using these diverse information resources to support a host of recreation facility management activities.

The work tasks will focus on developing data structures, methods, and applications that will facilitate information maintenance, dissemination, and use to support a broad range of planning, decision-making, and day-to-day operations.

1.2 Projection & Datum

The facility geodatabase uses the California III State Plane projection (FIPS 0403) and the 1983 North American Datum (NAD). US feet are used as the unit of distance. The Albers detail is listed below:

False easting: 0

False Northing: -4,000,000 Central Meridian: -120 Standard parallel 1: 34 Standard parallel 2: 40.5 Latitude of origin: 0

1 Detailed Geodatabase Design

1.3 Recreational Facilities Geodatabase and the CMMS

The Recreational Facilities Geodatabase contains many types of spatially enabled database records (called features). Similar features are stored in tables called feature classes.

1.4 Overview of Design

The following section describes the state-wide Facility Number coding scheme and its various components as they appear in the geodatabase design. The DPR *Maintenance Manual's* Chapter 8, which describes Facility Numbers in detail, is located in Appendix C.

A complete description of each field used to store Facility Number data within the geodatabase follows. Several feature specific fields have been included in the design to use for information and spatial analysis (e.g., GPS location site, whether the feature is historically significant, etc.); these fields are described under each feature class.

Note that all fields default to "undefined" where possible. This method has been used as a flag to GIS users, showing which fields need data. The undefined option has been used in place of "<null>" because of ArcPad users. ArcPad automatically assigns the first available choice to subtype and other fields (i.e., ArcPad 6.0.3 does not allow null values).

2 Recurring Fields

2.1 Facility Number-related fields

- **FACILITY_NBR** Statewide inventory coding, as described in the CMMS (MAXIMO) maintenance database (text field with up to 16 characters, i.e., 301-A-5-05-3-004). This field will be populated with CMMS Facility Numbers as data is interactively validated with the CMMS validation tool.
- UNIT_NBR Park unit number (text field with up to 4 characters). This field is required to validate the GIS feature against the CMMS.
- FACILITY_CLASS Text field (with up to 2 characters) related to the high-level FACILITY_CLASS domain. This field is required to validate the GIS feature against the CMMS.
- SUBCLASS Long integer field, describes "sub-class" in the Facility ID. This
 field is required to validate the GIS feature against the CMMS.
- **TYPE** Text field, describes "type" in the Facility ID. This field is required to validate the GIS feature against the CMMS.
- **SUBTYPE** 2-character text field, describes "sub-type" in the Facility ID.

2.2 Other recurring fields (Occur in all feature classes)

- ADA_ACCESS Long integer field, "Does item conform to required ADA standards?" Associated with the domain YES_NO
- PLANS Long integer field, "Do plans exist for this structure?" Associated with the domain YES NO
- PLANS_LINK Text field used for a <u>hyperlink</u> to the plan's location.
- **HISTORIC_SIG** Long integer field, "Is this facility historically significant?" Associated with the domain YES_NO
- **GPS_LOC** Long integer field, describes collection point for GPS data; Associated with domain GPS_LOC
- **DESCRIPTION** Text field used for feature description.
- CMMS_MATCH Long integer field used as a toggle to show records matched to the CMMS, associated with the domain YES_NO

3 Overview of Feature Classes

Name	Туре
: Building	File Geodatabase Feature Class
Grounds_CampPicnicPly	File Geodatabase Feature Class
Grounds_CampPicnicPts	File Geodatabase Feature Class
Grounds_Lines	File Geodatabase Feature Class
□ Grounds_Poly	File Geodatabase Feature Class
Grounds_Pts	File Geodatabase Feature Class
■ Parking	File Geodatabase Feature Class
- Roads	File Geodatabase Feature Class
Roads_Bridges	File Geodatabase Feature Class
- Roads_CampSpur	File Geodatabase Feature Class
Toads_Other	File Geodatabase Feature Class
Structures_BankPrtctn	File Geodatabase Feature Class
Structures_Dams	File Geodatabase Feature Class
Structures_Fences	File Geodatabase Feature Class
- Structures_Levees	File Geodatabase Feature Class
Structures_Other	File Geodatabase Feature Class
: Structures_Signs	File Geodatabase Feature Class
Systems_Lines	File Geodatabase Feature Class
Systems_Poly	File Geodatabase Feature Class
Systems_Pts	File Geodatabase Feature Class
Trails	File Geodatabase Feature Class

Figure 1 - Feature Classes

4 Buildings (A) Feature Class

4.1 Buildings

The Buildings feature class captures the location of building structures as points. The class defaults to A (Buildings). Buildings supports various types of structures though the use of subtypes. Unique domains have been assigned to each subtype identified with a feature class, ensuring better control of allowable attribute values.

Subtypes and attribute domains function to provide control over field values. The building type domain changes with each building subtype, i.e., Users see a drop-down list of values, as contained in the assigned domain; choosing the administrative building subtype (subtype code 1) will limit the field choices to administrative building types, such as an office or fire house.

The type is assigned by selecting an item from the appropriate domain associated with each subclass, i.e., if the Administration and Operations class is selected (which uses the BUILDING_ADMIN domain), then the type would be limited to those buildings which are listed in the Administration and Operations class.

FACILITY_NBR	See description above.
UNIT_NBR	See description above.
EACH ITY OLASS	San description above

FACILITY_CLASS See description above; Defaults to A (Buildings; includes

historic structures and ships)

SUBCLASS Long integer field linked to subtypes:

0 Undefined (default)

1 Administration and Operations

ConcessionEmployeeHistoricPublic Use

TYPE Text field used to describe type of building; associated with

the domains named for their subtype in the format:

BUILDING (SUBTYPE)

YR BUILT Text field describing year structure was built.

ADA_ACCESS
PLANS
PLANS_LINK
HISTORIC_SIG
GPS_LOC
DESCRIPTION
CMMS_MATCH
See description above.

.

Subt	ype Name >	Undefi	ned	Administration a	nd Operations	Concessio	n
Field Name	Data Type	Domain	Default Value	Domain	Default Value	Domain	Default '
OBJECTID	Object ID						
Shape	Geometry						
FACILITY_NBR	Text		Undefined		Undefined		Undefine
UNIT_NBR	Text		n/a		n/a		n/a
FACILITY_CLASS	Text	FACILITY_CLASS	Buildings	FACILITY_CLASS	Buildings	FACILITY_CLASS	Buildings
*SUBCLASS	Long						
TYPE	Text	BUILDING_ADMIN	Undefined	BUILDING_ADMIN	Undefined	BUILDING_CONCESSION	Undefine
YR_BUILT	Text						
ADA_ACCESS	Long	YES_NO	Undefined	YES_NO	Undefined	YES_NO	Undefine
PLANS	Long	YES_NO	Undefined	YES_NO	Undefined	YES_NO	Undefine
PLANS_LINK	Text						
HISTORIC_SIG	Long	YES_NO	Undefined	YES_NO	Undefined	YES_NO	Undefine
GPS_LOC	Long	GPS_LOC	Undefined	GPS_LOC	Undefined	GPS_LOC	Undefine
DESCRIPTION	Text						
CMMS_MATCH	Long	YES_NO	Undefined	YES_NO	Undefined	YES_NO	Undefine

Figure 2 - Building Feature Class Subtypes

5 Grounds (B) Facility Classes

The Grounds_CampPicncPts (points) and Grounds_CampPicncPly (polygons) feature classes use subtypes to store both campsites and picnic areas in single feature classes. Each point feature in the feature class represents a single campsite. A campground would be identified as a group of features in close proximity.

5.1 Grounds_CampPicncPts (Not implemented) Not used.

5.2 Grounds_CamppicncPly (Not implemented)

Not used.

5.3 Grounds Pts (Not implemented)

Not used.

5.4 Grounds_Lines (Not implemented)

Not used.

5.5 Grounds_Poly [™]

The Grounds_Poly feature class stores polygon data associated with grounds (except Camp Areas and Picnic Areas). The Class is predefined as B (Grounds). Subtypes are used to categorize the various subclasses. The TYPE field stores Ground Cover types (see the GRNDS_TYPE domain).

FACILITY_NBR See description above.

UNIT_NBR See description above.

FACILITY_CLASS See description above; defaults to B (Grounds)

SUBCLASS Long integer field for Grounds categories, subtypes:

0 Undefined (default)

1 Ground Cover

3 Trees4 Use Areas5 Golf Course

Roadside

6 Lagoon/Lake

7 Trellis

2

8 Fuelbreak/Firebreak

Note: Areas closed to public access are categorized as 0-

Undefined.

TYPE Text field used to describe type of ground cover; associated

with the domain GRNDS TYPE

GPS_LOC See description above.
DESCRIPTION See description above.
CMMS_MATCH See description above.

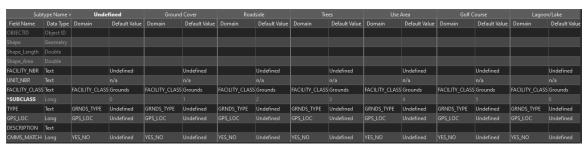


Figure 3 - Grounds_Poly Feature Class Subtypes

6 Roads, Ramps, Parking Facility Classes

6.1 Road_Bridges (Not implemented)

Not used.

6.2 Roads_CampSpur (Not implemented)

Not used.

6.3 Parking [™]

The Parking feature class stores polygonal data associated with the two types of parking lots, general and boat ramp. The Class is pre-defined as C (Roads, Ramps, and Parking). The General parking lot Subtype is categorized by the GEN_SUBTYPE domain. Boat ramp parking lot Subtypes (designated as "inundated yearly" or not) are defined by the PARKING_INUND domain. The ROAD_SURFACE domain used in the RdTrlSeg Feature Class is also used here to describe the parking lot surface type.

Feature class for parking lot polygon data

FACILITY_NBR See description above. UNIT NBR See description above.

FACILITY CLASS See description above; defaults to C (Roads, Ramps, and

Parking)

SUBCLASS Long integer field linked to subtypes:

0 Undefined (default)

6 General8 Boat ramp

TYPE Text field describing the type of parking lot; Associated

with the domain ROAD SURFACE

GEN SUBTYPE Long integer field describing category of general parking

lot; associated with the domain GEN SUBTYPE

RAMP SUBTYPE Long integer field, "Is parking lot inundated during the

year? Associated with the domain PARKING INUND

ADA_ACCESS See description above.

GPS_LOC See description above.

DESCRIPTION See description above.

CMMS_MATCH See description above.

Subt	ype Name >	Un	defined	G	ieneral	Во	at Ramp
Field Name	Data Type	Domain	Default Value	Domain	Default Value	Domain	Default Value
OBJECTID	Object ID						
Shape							
Shape_Length	Double						
Shape_Area							
FACILITY_NBR	Text		Undefined		Undefined		Undefined
UNIT_NBR	Text		n/a		n/a		n/a
FACILITY_CLASS	Text	FACILITY_CLASS	Roads Ramps Parking	FACILITY_CLASS	Roads Ramps Parking	FACILITY_CLASS	Roads Ramps Parking
*SUBCLASS							8
TYPE	Text	ROAD_SURFACE	Undefined	ROAD_SURFACE	Undefined	ROAD_SURFACE	Undefined
GEN_SUBTYPE	Long	GEN_SUBTYPE	Undefined	GEN_SUBTYPE	Undefined	GEN_SUBTYPE	Undefined
RAMP_SUBTYPE	Long	PARKING_INUND	Undefined	PARKING_INUND	Undefined	PARKING_INUND	Undefined
ADA_ACCESS	Long	YES_NO	Undefined	YES_NO	Undefined	YES_NO	Undefined
DESCRIPTION	Text						
CMMS_MATCH	Long	YES_NO	Undefined	YES_NO	Undefined	YES_NO	Undefined
GPS_LOC	Long	GPS_LOC	Undefined	GPS_LOC	Undefined	GPS_LOC	Undefined

Figure 4 - Parking Feature Class Subtypes

6.4 Roads

Roads is a feature class for line data associated with roads. Road Class and Subclass are predefined as C and 5, respectively. Type is defined by ROAD_SURFACE, and Subtype by ROAD_WIDTH.

FACILITY_NBR	See description above.
UNIT_NBR	See description above.
FACILITY_CLASS	See description above; defaults to C (Roads, Ramps, and

Parking)
SUBCLASS Long integer field used to describe type as road (5)

TYPE Text field used to describe road surface types; associated

with the domain ROAD_SURFACE

SUBTYPE Long integer field used to describe road/trail widths;

Associated with the domain ROAD_WIDTH

NAME Text field for road name

ALT_NAME Text field for alternate road name

GPS_LOC See description above.
DESCRIPTION See description above.
CMMS_MATCH See description above.

Field Name	Alias	Data Type	Allow NULL	Domain	Default	Length
OBJECTID	OBJECTID	Object ID				
Shape	SHAPE	Geometry				
Shape_Length	Shape_Length	Double	✓			
FACILITY_NBR		Text			Undefined	16
UNIT_NBR		Text	✓		n/a	255
FACILITY_CLASS		Text		FACILITY_CLASS	Roads Ramps Parking	2
SUBCLASS		Long	✓		5	
TYPE		Text		ROAD_SURFACE	Undefined	255
SUBTYPE		Long	~	ROAD_WIDTH	Undefined	
NAME		Text				255
ALT_NAME		Text	✓			255
GPS_LOC		Long		GPS_LOC	Undefined	
DESCRIPTION		Text	✓			255
CMMS_MATCH		Long	✓	YES_NO	Undefined	

Figure 5 - Roads Feature Class Fields

6.5 Roads_Other (Not implemented)

7 Structures (D) Facility Classes

7.1 Structures Fences \Box (Not implemented)

Not used.

7.2 Structures Signs

Structures Signs feature class stores point data associated with signs. The sign fields, categories, and associated domains (standard sizes) have been derived from the California State Parks Sign Handbook, A Guide for Ordering Stock or Custom Signs, circa February 2004. The sign categorization as represented in the Sign Handbook does not presently exist in the CMMS. However, the *Handbook* fields can be left unassigned until a digital sign system is designed and implemented.

To match the *Maintenance Manual* Facility Numbers for signs, the Facility Class, Subclass, and Type are predefined as D (Structures other than buildings and bridges), 1 (Administration & Operations), and 12 (Signs), respectively. Subtype, as it appears here, is not found in the current Maintenance Manual, only in the Sign Handbook. However, the Subtype is not necessary to match GIS Sign data to the CMMS. For ease of field use (with ArcPad), the sign Subtype defaults to *Undefined*.

As with subtypes defined in other feature classes, the user will be limited in their selection of sign sizes depending on the sign category (SUBTYPE) they choose. The SIGN SIZE field is associated with domains named for their sign category, i.e., the Recreational sign category is linked to a domain called SIGNS REC, which contains only those sign sizes appearing under that category in the Sign Handbook.

FACILITY NBR See description above. UNIT NBR See description above. FACILITY CLASS See description above; defaults to D (Structures; other than buildings and bridges) **SUBCLASS** See description above; defaults to 1 (Administration / Operations) See description above; defaults to 12 (Sign) **TYPE** Long Integer field for type of sign (as described in the **SUBTYPE** California State Parks Sign Handbook, Feb., 2004) Undefined (default) 0

1 Recreational

2 Winter Recreational

3 Hazard

4 Land Management

5 Interpretive

6 Park management – Boating Park management – Boundary

- 8 Park management Campground Ops
- 9 Park management Campground Maintenance
- 10 Park management General
- 11 Park management Lifeguard
- 12 Park management Operating Hours
- 13 Park management Trails
- 14 Regulatory
- Warning
- 16 Construction
- 17 Multiple

SIGN SIZE Text field used to describe sign size; associated with the

domains named for their subtype in the format:

SIGNS (SUBTYPE)

SIGN NBR Text field which is used to store the standard sign number

associated with each category. This field will allow future

connectivity to a sign database or other Sign system.

MESSAGE Text field for "Message" (description of sign)

GPS_LOC See description above.
DESCRIPTION See description above.
CMMS MATCH See description above.

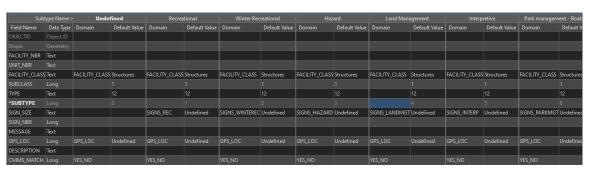


Figure 6 - Structures Signs Feature Class Subtypes

7.3 Structures Other (Not implemented)

Not used.

7.4 Structures_Dams 🛨

The Structures_Dams feature class stores line data associated with dam structures. The Class, Subclass, and Type are predefined as D (Structures, Other than buildings and bridges), 4 (Stream), and 02 (Dam), to match the *Maintenance Manual's* facility number. The DAM_TYPE domain allows the user to choose the dam's composition (concrete or earth).

FACILITY NBR See description above.

UNIT NBR See description above.

FACILITY CLASS See description above; defaults to D (Structures, Other than

buildings and bridges)

SUBCLASS Long integer field set to 4 (Stream)

TYPE Text field set to 02 (dam)

SUBTYPE Long integer field used to describe dam type; Associated

with the domain DAM TYPE

LOCATION Text field used to describe location.

PLANS
PLANS_LINK
HISTORIC_SIG
GPS_LOC
DESCRIPTION
CMMS_MATCH
See description above.

Field Name	Alias	Data Type	Allow NULL	Domain	Default	Length
OBJECTID	OBJECTID	Object ID				
Shape	SHAPE	Geometry				
Shape_Length	Shape_Length	Double	~			
FACILITY_NBR		Text	$\overline{\mathbf{v}}$		Undefined	16
UNIT_NBR		Text	~		n/a	4
SUBCLASS		Long	$\overline{\mathbf{v}}$		4	
TYPE		Text	~		02	255
SUBTYPE		Long		DAM_TYPE	Undefined	
LOCATION		Text	~			255
PLANS		Text				255
PLANS_LINK		Text	~			255
HISTORIC_SIG		Long		YES_NO	Undefined	
GPS_LOC		Long	~	GPS_LOC	Undefined	
DESCRIPTION		Text				255
CMMS_MATCH		Long	✓	YES_NO	Undefined	

Figure 7 - Structures_Dams Feature Class Fields

7.5 Structures_Levees (Not implemented)

7.6 Structures_BankPrtctn (Not implemented)

8 Systems Facility Classes

Not used

Not used.

9 Riding, Hiking Trails (F) Facility Classes

9.1 Trails 🛨

The **Trails** feature class stores **line** data associated with **trails**. The Class is predefined as F (Riding and Hiking Trails), and the Subclass is defined by four subtypes, according to the trail classification scheme in the *Maintenance Manual*. Type is defined by the domain TRAIL ACCESS.

The Trails feature class also stores data associated with each segment identification, name, and basic UTAP information (Date, Identification, and Calculated length).

FACILITY_NBR See description above. This is the link to the

Transportation database.

UNIT NBR See description above.

FACILITY CLASS See description above; defaults to F (Riding and Hiking

Trails)

SUBCLASS Long integer field linked to subtypes:

*Undefined (default)*Class I – High use

Class II – Secondary use
 Class III – Primitive/Low use
 Class IV – Special/Admin use

TYPE Text field used to describe trail access; associated with the

domain TRAIL ACCESS

SEG ID Long integer field use for segment identification

NAME Text field for trail name

ALT NAME Text field for alternate road or trail name

UTAP_DATE
UTAP ID

Date field used to describe date of last UTAP assessment.

Text field, holds identifier used to link to the detailed

UTAP database (TrailWare).

CALC LNGTH Long integer field, used to store calculated length from

original measurement units (e.g. meters to feet)

GPS_LOC See description above.
DESCRIPTION See description above.
CMMS MATCH See description above.

Sub	ype Name >	Unc	defined	Class I	- High use	Class II - S	Secondary use	Class III - Pr	mative/Low use	Class IV - Sp	ecial/Admin use
Field Name	Data Type	Domain	Default Value								
OBJECTID	Object ID					l				l	
Shape											
Shape_Length	Double										
FACILITY_NBR	Text		Undefined								
UNIT_NBR	Text		n/a								
FACILITY_CLASS	Text	FACILITY_CLASS	Riding Hiking Trails								
TYPE	Long	TRAIL_ACCESS	Undefined								
SUBTYPE	Text										
*SUBCLASS	Long			l				l			4
SEG_ID	Long										
NAME	Text										
ALT_NAME	Text										
UTAP_DATE	Date										
UTAP_ID	Text										
CALC_LNGTH	Long										
GPS_LOC	Long	GPS_LOC	Undefined								
DESCRIPTION	Text										
CMMS_MATCH	Long	YES_NO	Undefined								
start	Long										
end	Long										

Figure 8 - Trails Feature Class Subtypes

10 Additional Feature Classes

10.1 Stream 🛨

The Steam feature class was added to model creeks and streams. The stream_class field is used to record whether this is a year-round or seasonal flow.

Field Name	Alias	Data Type	Allow NULL	Domain	Default	Length
OBJECTID	OBJECTID	Object ID				
Shape	SHAPE	Geometry				
Shape_Length	Shape_Length	Double	~			
stream_class	stream_class	Long				

11 Overview of Domains

Domain Name	Description	Field Type
BANK_PRTCTN		Long
BRIDGE_TYPE		Text
BUILDING_ADMIN		Text
BUILDING_CONCESSION		Text
BUILDING_EMPLOYEE		Text
BUILDING_HISTORIC		Text
BUILDING_PUBLIC		Text
CAMP_ACCESS		Text
CAMP_POLY		Text
CAMP_TYPE		Text
DAM_TYPE		Long
Domain		Text
FACILITY_CLASS		Text
FENCE_PURPOSE		Text
FENCE_TYPE		Long
FUEL_TYPE		Text
GEN_SUBTYPE		Long
GPS_LOC		Long
GRNDS_TYPE		Text
PARKING_INUND		Long
PICNIC_TYPE		Text
ROAD_BARRIER		Text
ROAD_BUMPER		Text
ROAD_GUARDRL		Text
ROAD_SURFACE		Text
ROAD_WIDTH		Long
SIGNS_CONST		Text
SIGNS_HAZARD		Text
SIGNS_INTERP		Text
SIGNS_LANDMGT		Text
SIGNS_PARKMGT		Text
SIGNS_REC		Text
SIGNS_REG		Text
SIGNS_WARN		Text
SIGNS_WINTEREC		Text
SPUR_QTY		Text
STRUCTURE_ADMIN		Text
STRUCTURE_MARINE		Text
STRUCTURE_PUBLIC		Text
SYS_OTHER		Text
TRAIL_ACCESS		Long
YES_NO		Long

Figure 9 - List of Domains

12 Domain Details

12.1 BANK_PRTCTN (Long integer)

Code	Description
0	Undefined
1	Concrete Crib
2	Log Crib
3	Rock Slope
4	Sack Concrete
5	Gabions

12.2BRIDGE_TYPE (Text)

	_ ` `
Code	Description
00	Undefined
01	Green house
02	Log/timber
03	Masonry
04	Steel
05	Other - twin culvert, ford, etc

12.3 BUILDING_ADMIN (Text)

Code Description Undefined Kiosk/Contact Station Barn Boat house Value Boiler plant/Power plant/Heating plant/Sewer plant Conference Fire house Gas/oil house Green house Lath house Office
01 Kiosk/Contact Station 02 Barn 03 Boat house 04 Boiler plant/Power plant/Heating plant/Sewer plant 05 Conference 06 Fire house 07 Gas/oil house 08 Green house 09 Lath house
02 Barn 03 Boat house 04 Boiler plant/Power plant/Heating plant/Sewer plant 05 Conference 06 Fire house 07 Gas/oil house 08 Green house 09 Lath house
03 Boat house 04 Boiler plant/Power plant/Heating plant/Sewer plant 05 Conference 06 Fire house 07 Gas/oil house 08 Green house 09 Lath house
04 Boiler plant/Power plant/Heating plant/Sewer plant 05 Conference 06 Fire house 07 Gas/oil house 08 Green house 09 Lath house
05 Conference 06 Fire house 07 Gas/oil house 08 Green house 09 Lath house
06 Fire house 07 Gas/oil house 08 Green house 09 Lath house
07 Gas/oil house 08 Green house 09 Lath house
08 Green house 09 Lath house
09 Lath house
10 Office
11 Pump house
12 Shop
13 Storage
14 Tank house
15 Ticket center
16 Lifeguard tower
17 Utility
18 Misc

12.4BUILDING_CONCESSION (Text)

Code	Description
00	Undefined
01	Cabin
02	Gift Shop
03	Hotel lodge
04	Ice house
05	Laundry
06	Restaurant
07	Theater
08	Misc
09	Housing/concession

12.5 BUILDING_EMPLOYEE (Text)

Code	Description
00	Undefined
01	Barracks
02	Cabin
03	Dormitory
04	Garage/Carport
05	Residence/House
06	Trailer House/Travel trailer
07	Mobile Home
08	Modular House
09	Apartment
10	Multip-family Housing
11	Other

12.6 BUILDING_HISTORIC (Text)

Code	Description
00	Undefined
01	Administration
02	Concession
03	Dwelling
04	Exhibit
05	House museum
06	Museum
07	Ship
08	Storage

12.7BUILDING_PUBLIC (Text)

00	Undefined
01	Bath house
02	Dressing room
03	Church/Chapel
04	Combo Building
05	Comfort station
06	Comfort station/dressing room
07	Lounge/Recreation hall
08	Museum/Visitor center
09	Chemical toilet
10	Flush toilet
11	Vault toilet
12	Rental cabin
13	Laundry
14	Wating room
15	Other
16	Shower building
17	Floating restroom
18	Unisex confort station
19	Unisex combination building

12.8 CAMP_ACCESS (Text) - Not used

Code	Description
00	Undefined

12.9 CAMP_POLY (Text) - Not used

Code	Description
00	Undefined

12.10CAMP_TYPE (Text) - Not used

	_ ` `
Code	Description
00	Undefined

12.11DAM_TYPE (Long integer)

Code	Description
0	Undefined
1	Concrete
2	Earth

12.12FACILITY_CLASS (Text)

Α	Buildings
В	Grounds
С	Roads Ramps Parking
D	Structures
Е	Systems
F	Riding Hiking Trails
G	Cultural Resources
Н	Resource Management

12.13FENCE_PURPOSE (Text) - Not used

Code	Description
00	Undefined

12.14FENCE_TYPE (Long integer) - Not used

Cada	Description
Code	Description
1	Solid board
2	Chain link
3	Corral type
4	Grape stake
5	Picket
6	Rail stob
7	Split rail
8	Barbed wire
9	Woven wire
10	Undefined
0	Other

12.15FUEL_TYPE (Text) - Not used

Code	Description
00	Undefined

12.16GEN_SUBTYPE (Long integer) - Not used

Code	Description
0	Undefined
1	Campground
2	Service
3	Other

12.17GPS_LOC (Long integer)

Code	Description
0	Undefined
1	NW Corner
2	NE Corner
3	SW Corner
4	SE Corner
5	Center
6	Entrance

12.18GRNDS_TYPE (Text)

Code	Description
00	Undefined
01	Bed, Flower
02	Herbaceous
03	Lawn
04	Shrub
05	Vine (ivy, ice plant, etc.)
06	Garden, Historuc, Period

12.19PARKING_INUND (Long integer)

Code	Description
0	Undefined
2	Not inundated yearly
1	Inundated yearly

12.20PICNIC_TYPE (Text)

Code	Description
00	Undefined
01	Developed Family Picnic Area
02	Developed Group Picnic Area
03	Primitive Family Picnic Area
04	Primitive Group Picnic Area

12.21ROAD_BARRIER (Text) - Not used

Code	Description
00	Undefined

12.22ROAD_BUMPER (Text) - Not used

Code	Description
00	Undefined

12.23ROAD_GUARDRL (Text) - Not used

Code	Description
00	Undefined

12.24ROAD_SURFACE (Text) - Not used

Code	Description
00	Undefined

12.25ROAD_WIDTH (Long integer)

Code	Description
0	Undefined
1	20 to 24 ft
2	16 to 19 ft
3	12 to 15 ft
4	8 to 11 ft

12.26SIGNS_CONST (Text) - Not used

Code	Description
00	Undefined

12.27SIGNS_HAZARD (Text) - Not used

Code	Description
00	Undefined

12.28SIGNS_INTERP (Text) - Not used

Code	Description
00	Undefined

12.29SIGNS_LANDMGT (Text) - Not used

Code	Description
00	Undefined

12.30SIGNS_PKMGT (Text)

Code	Description
00	Undefined
01	3.5 x 3.5
02	3.5 x 12
03	3.5 x 16
04	5 x 5
05	7 x 7
06	8 x 12
07	9 x 6
08	9 x 12
09	10.5 x 8
10	10 x 16
11	12 x 3
12	12 x 6
13	12 x 8
14	12 x 12
15	12 x 18
16	12 x 24
17	13 x 7
18	15 x 8
19	15 x 10
20	15 x 12
21	15 x 15
22	16 x 3
23	16 x 8
24	18 x 10
25	18 x 12

25	18 x 12
26	18 x 14
27	18 x 18
28	18 x 24
29	20 x 6
30	20 x 10
31	20 x 24
32	21 x 18
33	24 x 4
34	24 x 12
35	24 x 16
36	24 x 24
38	30 x 16
39	30 x 20
40	30 x 24
41	30 x 26
42	36 x 6
43	36 x 16
44	36 x 18
45	36 x 20
46	36 x 24

12.31 SIGNS_REC (Text) - Not used

Code	Description
00	Undefined

12.32SIGNS_REG (Text) - Not used

Code	Description
00	Undefined

12.33SIGNS_WARN (Text) - Not used

Code	Description
00	Undefined

12.34SIGNS_WINTEREC (Text) - Not used

Code	Description
00	Undefined

12.35SPUR_QTY (Text) - Not used

Code	Description
00	Undefined

12.36STRUCTURE_ADMIN (Text) - Not used

Code	Description
00	Undefined

12.37STRUCTURE_MARINE (Text) - Not used

Code	Description
00	Undefined

12.38STRUCTURE_PUBLIC (Text)

Code	Description
00	Undefined
01	Phone booth
02	Corral/stable, horse
03	Court, tennis/basketball/other
04	Polo field
05	Fireplace/BBQ
06	Fountain
07	Furniture
08	Interpretive/Information facilities
09	Chair lift
10	Monument
11	Patio/plaza
12	Platform/Pavilion/Stand/Stage/Gazebo
13	Pool
14	Ramada/Bus Stop/Cooking shelter
15	Riding ring
16	Skating rink
17	Tennis court
18	Stairway – not part of a building
19	Trailer dump station
20	Undercrossing
21	Horseshoe pit
22	Rack, sink, fish cleaning
23	Railings/handrail – hitching, horse
24	Clothes drying yard
25	Shuffleboard court
26	Playground equipment
27	Water trough
28	Exterior shower
29	Bicycle rack
30	Wastewater station – gray water

12.39SYS_OTHER (Text) - Not used

Code	Description
00	Undefined

12.40TRAIL_ACCESS (Long integer)

Code	Description
0	Undefined
1	Hike
2	Bike
3	Horse
4	Multi-use

12.41 YES_NO (Long integer)

Code	Description
0	No
1	Yes
2	Undefined