

# Considerations for Denali State Park Trail Management Plan Proposals

Trail proposal



Develop draft Trail Management Objective  
(known as "TMO", see plan website for copy of form)



## Is the trail compatible with:

- Statutes (enabling legislation and statutes related to management of state park areas)
- Regulations
- Park Mission Statement
- Plans and policies, such as:
  - Denali State Park Management Plan (2006)
  - Division of Parks & Outdoor Recreation Ten-Year Strategic Plan 2007-2017
  - Division of Parks & Outdoor Recreation Trail Management Policy (March 2009)
  - South Denali Visitor Center Complex Interpretive Master Plan (August 2009)
  - Alaska Recreational Trails Plan (October 2000)



Who owns or manages the land that the proposed trail would be constructed on?



## What are the impacts to:

- Biological resources: vegetation, fish and wildlife (including habitat and corridors)
- Physical resources: soil and water
- Cultural resources: historical and archaeological



## Can the trail be built to last?

- Does the trail conform to its terrain and environment; is it capable of handling its intended use without serious degradation; and does it require minimal maintenance (Sustainable design framework). To answer these questions, evaluate the following:
  - Physical conditions: soils, side slope, aspect, elevation and hydrology
  - Weather: seasonal variations, precipitation timing, volume and intensity
  - How the trail will be used:
    - type and season of use
    - volume and intensity of use
    - desired experience of trail users



**Does the trail fill a local, regional or statewide need?**

- What trail opportunities & related experiences are available in the park, in areas adjoining the park, in the region and statewide?
- Is there support for this trail?
- What are the local, statewide and national recreation trends?  
That is, "If we build it will they come?"

**April 2010**

**[dnr.alaska.gov/parks/plans/denali/denalitrail.htm](http://dnr.alaska.gov/parks/plans/denali/denalitrail.htm)**



# Trail Management Objectives (TMO)

Rev. Date:  
1/12/2007

Area:  Park Unit:  District:

Trail Name:

Trail ID:

Trail Beginning Termini:

Beg. Milepost:

Trail Ending Termini:

End. Milepost:

Trail Inventory Length:  Miles Trail Mileage Source:  Wheel  GPS  Map  Unknown

## TMO Trail Section (if applicable)

Section Beg. Termini:  Beg. Milepost:   
Sec.# Section End. Termini:  End. Milepost:

## Designed Use Objectives

(Check one)

- Trail Type
- Terra Trail
  - Snow Trail
  - Water Trail

(Check one)

- Trail Class
- 1 (Primitive/Undeveloped)
  - 2 (Simple/Minor Development)
  - 3 (Developed/Improved)
  - 4 (Highly Developed)
  - 5 (Fully Developed)

### Difficulty Rating

(Check one)

- Easiest (white circle)
- Easy (green circle)
- Intermediate (blue square)
- Difficult (black diamond)
- Most Difficult (dbl diamond)
- \_\_\_\_\_

### Elevation Chg

+ or - Feet

### Level of Use

- Low (0-10 per day)
- Moderate (10-100 / day)
- High (100+ per day)
- Est  Act  Counter

### Designed Use

(Check one)

- Hiker / Pedestrian
- Pack & Saddle
- Bicycle
- Wheelchair (ADA stds)
- Motorcycle
- All Terrain Vehicle (ATV)
- \_\_\_\_\_
- Cross-Country Ski
- Snowmachine
- Snowshoe
- Dog Sled
- Skijoring
- Watercraft - Non Motorized
- Watercraft - Motorized
- \_\_\_\_\_

### Design Parameters

(Fill in all that apply)

- Basic Tread Width, inches
- Clearing Width, feet
- Clearing Height, feet
- Backslope: 1/1, 2/1, 1/2
- Target Grade, % (>90% of trail)
- Max. Sustainable Grade, % for distance (ft) \_\_\_\_\_
- Turn Radius Min, ft
- \_\_\_\_\_

### Target Frequency

Maintenance per Year

(Fill in all that apply)

- Trail Opening
- Tread Repair
- Drainage Cleanout
- Logging Out
- Brushing
- Snow Trail Grooming
- Condition Survey
- \_\_\_\_\_



# Trail Management Objectives (TMO) Part 2

## Trail Use Strategies

Rev. Date:  
1/12/2007

### Managed Use

### Season

(Fill in all that apply)

	From (mm/dd)	To (mm/dd)
<input type="checkbox"/> Hiker / Pedestrian		
<input type="checkbox"/> Pack & Saddle		
<input type="checkbox"/> Bicycle		
<input type="checkbox"/> Wheelchair		
<input type="checkbox"/> Motorcycle		
<input type="checkbox"/> All Terrain Vehicle (ATV)		
<input type="checkbox"/> _____		
<input type="checkbox"/> Cross-Country Ski		
<input type="checkbox"/> Snowmobile		
<input type="checkbox"/> Dog Sled		
<input type="checkbox"/> Skijoring		
<input type="checkbox"/> _____		
<input type="checkbox"/> Watercraft - NonMotorized		
<input type="checkbox"/> Watercraft - Motorized		

### Prohibited Use

From Date (mm/dd) To Date (mm/dd)

(Check if applicable)

<input type="checkbox"/> All Motorized Use		
(Or, fill in all that apply)		
<input type="checkbox"/> Hiker / Pedestrian		
<input type="checkbox"/> Pack & Saddle		
<input type="checkbox"/> Bicycle		
<input type="checkbox"/> Wheelchair		
<input type="checkbox"/> Motorcycle		
<input type="checkbox"/> All Terrain Vehicle (ATV)		
<input type="checkbox"/> _____		
<input type="checkbox"/> Cross-Country Ski		
<input type="checkbox"/> Snowmobile		
<input type="checkbox"/> Dog Sled		
<input type="checkbox"/> Skijoring		
<input type="checkbox"/> _____		
<input type="checkbox"/> Watercraft - NonMotorized		
<input type="checkbox"/> Watercraft - Motorized		

### Other Use

(Optional: Check any that apply)

	Accept	Discourage	Eliminate
<input type="checkbox"/> Hiker / Pedestrian			
<input type="checkbox"/> Pack & Saddle			
<input type="checkbox"/> Bicycle			
<input type="checkbox"/> Wheelchair			
<input type="checkbox"/> Motorcycle			
<input type="checkbox"/> All Terrain Vehicle (ATV)			
<input type="checkbox"/> _____			
<input type="checkbox"/> Cross-Country Ski			
<input type="checkbox"/> Snowmobile			
<input type="checkbox"/> Dog Sled			
<input type="checkbox"/> Skijoring			
<input type="checkbox"/> _____			
<input type="checkbox"/> Watercraft - NonMotorized			
<input type="checkbox"/> Watercraft - Motorized			

### Special Considerations

(Check any that apply. Underline appropriate clarifier in parenthesis. Provide specifics and reference information below.)

<input type="checkbox"/> Accessible per Current Agency Guidelines
<input type="checkbox"/> Mechanized Tools or Equipment Prohibited
<input type="checkbox"/> Threat, Endang or Sens Species ( <u>Plant / Wildl</u> )
<input type="checkbox"/> Cultural Resource Present
<input type="checkbox"/> Easement across Non-Park Land ( <u>Existing / Needed</u> )
<input type="checkbox"/> Existing Permit or Agreement ( <u>Trail-Specific / Area</u> )
<input type="checkbox"/> _____

### Remarks / Reference Information

(Use continuation sheet if needed.)

Completed by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_



# Trail Management Objectives

Trail Name:

Trail ID:

## Remarks / Reference Information (Continuation Sheet)

(Type notes over this message. To insert spaces between lines of text in Excel, press Alt and Enter.)