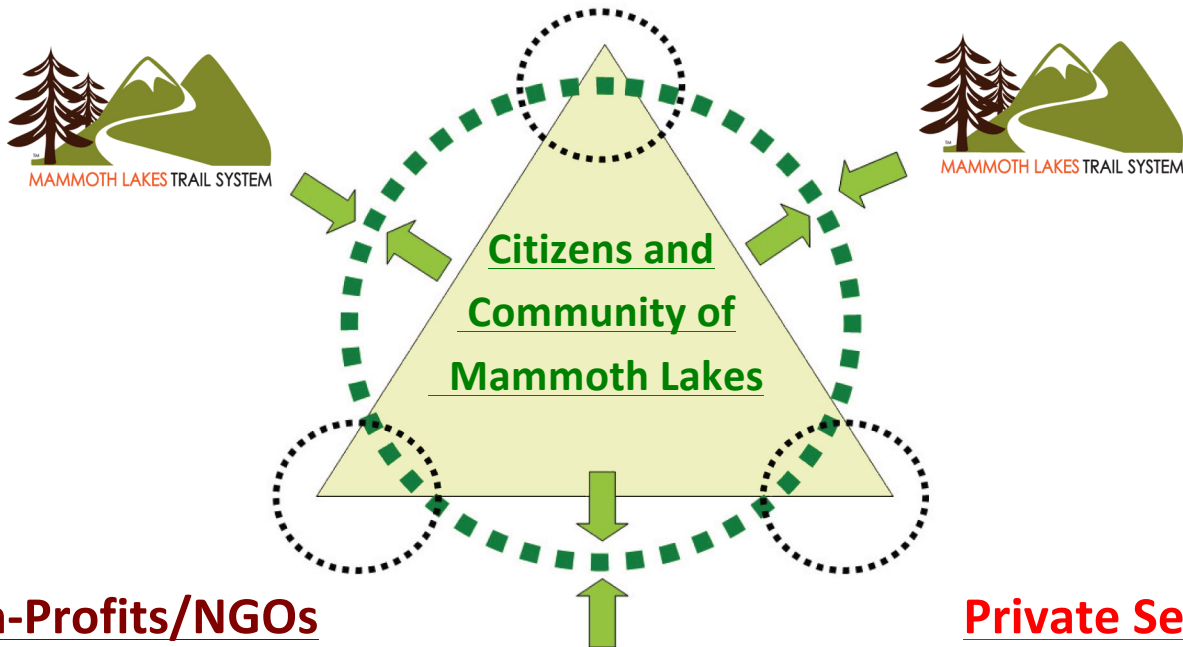


Mammoth Lakes Trail System

"Summary of Partnered Efforts 2006 – 2012"

Public Agencies



This 'partnership triangle' shows the relationships between public agencies, the private sector, nonprofit organizations and the community of Mammoth Lakes who have all worked together on over 70 partnered projects to build and enhance the Mammoth Lakes Trail System since 2006.

Partners Include (per order of Summary):

Volunteers	Town of Mammoth Lakes
Mammoth Mountain Ski Area	Mammoth Lakes Trails and Public Access Foundation
United States Forest Service/Inyo National Forest	Sherwins Working Group
Sierra Nevada Conservancy	Friends of the Inyo
Developers' Forum	Mammoth Trails
Sherwin Area Recreation Plan Trails Technical Committee	Chadmar Group
The Plum Family	Westin Monache Resort
Mono County	Measure R Committee
The Voters of Mammoth Lakes	Measure U Committee
Mammoth Lakes Tourism	Eastern Sierra Interpretive Association
National Forest Foundation	



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PLANNING			Partners
Strategic Planning - 110			
1.	2006	" Strategic Conference/Public Meeting: The Future of Trails in Mammoth Lakes. " Participation by 300 + members of the public ("Public Meeting") and CALTRANS; Eastern Sierra Land Trust (ESLT); Mammoth Mountain Ski Area (MMSA); Mammoth Lakes Chamber of Commerce; Mono County; Sierra Nevada Conservancy (SNC); Town of Mammoth Lakes (TOML); Inyo National Forest (USFS); private sector s; Alta Planning and Design; Sierra Fund ("Strategic Conference").	Volunteers; TOML; MMSA; MLTPA
2.	2010	" RECSTRATS I ": A vision for recreation in Mammoth Lakes and a strategic plan for its implementation. Adopted by Town Council 2010.	TOML; MLTPA
3.	2011	" RECSTRATS II ": Implementation Strategy. Adopted by Town Council 2011.	TOML; Volunteers
Collaborative Processes - 120			
4.	2009	" Sherwins Working Group (SWG) ": Collaborative planning for trails and recreation in the Sherwins region. 6,900 + citizen volunteer hours.	USFS; TOML; SWG; MLTPA
5.	2009	" Sherwins Area Recreation Plan (SHARP) ": Recreation plan created by Sherwins Working Group. Adopted by Town Council 2011.	USFS; TOML; SWG; MLTPA
6.	2008 to 2012	" Lakes Basin Special Study (LABSS) ": Interagency mobility and outdoor recreation planning for the Mammoth Lakes Basin. Funded by a grant from the Sierra Nevada Conservancy.	USFS; TOML; SNC; FOI; MLTPA
7.	2012	" Shady Rest/Inyo Craters Working Group ": Preparation of existing conditions, scoping analysis, and preliminary project area map.	USFS; TOML; MLTPA
Focused Planning Efforts - 130			
8.	2007 to 2011	" Trail System Master Plan ": Initiated in 2007; multi partnered funding; public outreach via "CAMP: Summer" + "CAMP: Winter"; review and adoption by Town of Mammoth Lakes in 2011	TOML; MMSA; SNC; Developers' Forum; MLTPA
9.	2008	" Sherwin Area Trails Special Study (SATSS) ": Trail alignments, recreational activities and public access in the Sherwins study area. Baseline data for the "Sherwins Working Group" and the "Sherwins Area Recreation Plan".	USFS; TOML; MLTPA
DESIGN			Partners
Guidelines and Standards - 210			
10.	2010	Mammoth Lakes Trail System Nodes : Multi-agency consensus on node designations using "nodal types" from the "Trail System Master Plan".	USFS; TOML; MMSA; MLTPA
11.	2010	Signage and Wayfinding - Standards : Multi-agency consensus on a system of uniform MLTS signage. Incorporated into 100 + signs installed in 2012 through the American Recovery and Reinvestment Act (ARRA).	USFS; TOML; MMSA; MLTPA
12.	2010	Signage and Wayfinding - Wayfinding Logic : Multi-agency consensus on wayfinding logic for the MLTS signage-and-wayfinding program.	USFS; TOML; MMSA; MLTPA
13.	2010	Standardized Naming Conventions - Symbology : Multi-agency consensus on recreation and service symbology for the MLTS using systems developed by the National Park Service. Used on MLTS signage and MLTS Website.	USFS; TOML; MMSA; MLTPA

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14.	2010	Standardized Naming Conventions - Names: Multi-agency consensus on naming conventions for all facilities and destinations of the MLTS. Logic for naming future opportunities. Used on MLTS signage and MLTS Website.	USFS; TOML; MMSA; Mammoth Trails; MLTPA
15.	2010	Standardized Trail Maps: Multi-agency consensus on all graphic and content needs for the MLTS mapping program. Used for all mapping efforts on MLTS signage and MLTS Website.	USFS; TOML; MMSA; MLTPA
16.	2011 to 2012	Standards Manual: Draft “Town of Mammoth Lakes – Public Works Department Section 600: Mammoth Lakes Trail System” for TOML adoption documenting build ready standards for MLTS facilities: signage and wayfinding; multi use paths; trail amenities, pedestrian facilities; and naming conventions for all MLTS facilities. • Updated “Design Intent” documents for MLTS Signage and Wayfinding Program • Draft outline for comprehensive “MLTS Standards Manual” encompassing all aspects of MLTS facilities and programs	USFS; TOML; MLTPA
17.	2010	Trail Naming: Multi-agency consensus on naming conventions for several MLTS trails including the Lakes Basin Path (formerly the Lake Mary Road Bike Path). Establishment of a process for naming future trails. Used for both ARRA and Town signage projects.	USFS; TOML; MMSA; Mammoth Trails; MLTPA
Trail Alignment Studies - 220			
18.	2010	Trail Alignments - Sherwins Area Recreation Plan (SHARP): SHARP Trails Technical Committee (SHARP TTC) reviewed and refined 11 trail and recreation facility alignments. “SHARP TTC Summer 2010 Final Report” submitted to the Inyo National Forest and the Town in the fall of 2010.	USFS; TOML; SHARP TTC; MLTPA; Volunteers
19.	2011	Trail Alignments - Sherwins Area Recreation Plan (SHARP): SHARP Trails Technical Committee (SHARP TTC) submitted “Summer 2011 Final Report: Alignment Proposals for the Inyo National Forest and the Town of Mammoth Lakes” to TOML and USFS on January 26, 2011; recommended alignments for 12 SHARP trails; 14.5 miles of trail alignments.	USFS; TOML; SHARP TTC; MLTPA; Volunteers
Project Design - 230			
20.	2010	Signage and Wayfinding - Implementation: Multi-agency full-day site tours to field verify wayfinding logic, messaging logic, consensus destinations, mapping logic, rescue-locator GPS coordinates, sign orientations. Used for both ARRA and Town signage projects.	USFS; TOML; MMSA; MLTPA
21.	2010	Town Loop: Multi-agency consensus on creation of a “Town Loop” using existing trail facilities through implementation of the MLTS signage-and wayfinding program.	USFS; TOML; MMSA; Mammoth Trails; MLTPA

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IMPLEMENTATION		Partners
Project-Based Environmental Analysis - 310		
22.	2011 to 2012	Trail System Master Plan CEQA: Programmatic CEQA analysis of the "Trail System Master Plan". Coordination of reports and maps previously prepared by outside agencies (including SHARP); site photographs as requested by TOML CEQA consultant; notification of opportunities for public comment. Funded by grant from the Sierra Nevada Conservancy.
		USFS; SNC; TOML; MLTPA
Easements/Access Negotiations - 320		
23.	2006	Public Access Easement - "Ranch Road Gate": Establishment of a public access easement on Ranch Road and TOML winter maintenance program.
		TOML; MLTPA
24.	2009	Public Access Easement - "Snowcreek VIII Master Plan/Sherwins Egress": Establishment of a public winter egress easement across the Snowcreek Golf Course from USFS public lands to the public access easement at the Ranch Road Gate.
		USFS; TOML; Sherwins Working Group; Chadmar Group; MLTPA
25.	2011	Public Access Easement - "Plum Family Property/Tamarack Street": Establishment of a public access easement across the Plum Property from Tamarack Street to USFS public lands.
		USFS; TOML; Plum Family; Sherwins Working Group; MLTPA
Project Implementation / Construction - 330		
26.	2006 to 2012	Trail Construction - "Lake Mary Road Bike Path Project": Culmination of multi-year effort to design, plan, and construct the "Lakes Basin Path". Funding sources include: Federal Transportation funds; State Transportation funds; American Recovery and Reinvestment funds (ARRA); Town "DIF" funds; Town "Measure R" funds.
		TOML; USFS
27.	2009 to 2011	Bike Rack: Outreach campaign to solicit participation of businesses in a subsidized Mammoth "M" bike-rack program. Due to rack manufacturing delays, the program wasn't ready for implementation until summer 2011. "Report on Outreach Efforts and Feedback on the Mammoth "M" Rack" report presented to Recreation Commission November, 2011
		TOML; MLTPA
28.	2010 to 2012	Sherwins Egress: Public outreach and coordination including on-site signage; local media; press release; electronic and website communications, and coordination with Chadmar Group, USFS, and TOML.
		USFS; TOML; Chadmar Group; MLTPA
29.	2010 to 2012	Trailhead Improvements - "Twin Lakes Vista": Multi-year effort to design, plan, and construct improvements at "Twin Lakes Vista" including MLTS interpretive + wayfinding signage, enhanced parking, and bus shelter. Funding sources include: American Recovery and Reinvestment (ARRA) Transportation Enhancement (TE) funds; "State Local Transportation" funds.
		TOML

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30.	2010 to 2012	Trail Construction - "Gap Closure Project at Mammoth Creek/Sherwin Street": Multi-year effort to design, plan, and construct an MLTS gap closure project at Mammoth Creek/Sherwin street including a bike/pedestrian bridge, enhanced parking, and MLTS signage. Funding sources include: State "Environmental and Enhancement Mitigation Program (EEMP)" funds; Town "Measure R" funds for signage.	TOML
31.	2010	Signage and Wayfinding - Maps: Fifty-eight map files delivered to the Town for incorporation into signage and wayfinding efforts funded by the American Recovery and Reinvestment Act (ARRA); "Town Trails" reference maps and creation of full-size map prototypes for partner review	USFS; TOML; MLTPA
32.	2010	Signage and Wayfinding - Graphics: "Lakes Basin Path", "Town Trails", and "Plaques" final graphics delivered to TOML for use on "ARRA" + "Town" MLTS Signage.	USFS; TOML; MLTPA
33.	2010	Signage and Wayfinding - Messaging: "Destinations and Symbology" and "Final Messaging Schedule" for "Town Trails" and "Lakes Basin Path" final messaging schedules delivered to TOML for use on "ARRA" and "Town" MLTS signage.	USFS; TOML; MLTPA
34.	2011 to 2012	Signage and Wayfinding - ARRA: Complete messaging for 95 signs; updated "Design Intent" documents; Screwdriver Placement Diagram for all map types; 58 updated map files for ARRA signage (revised bleed specs + incorporation of new TOML logo); two complete reviews of shop drawings as submitted by ARRA contractor; complete QC (Quality Control) report delivered to TOML with 12 discreet QC tasks for all 95 signs	USFS; TOML; MLTPA
35.	2011 to 2012	Signage and Wayfinding - 12 "Phase 3" signs: Updated "Design Intent"; 17 map files; 6 updated map files for Spiess signs on the Lakes Basin Path + Prototype sign in Mammoth Creek Park; complete Quality Control report; 12 discreet QC tasks for all 12 Phase 3 signs; plaques for MLTS bollards and mileage posts using MLTS logo to replace old TOML logo.	TOML; MLTPA
36.	2010 to 2012	Signage - "Installation of MLTS Signage Phase(s) 1, 2, and 3": Multi-year effort to design, plan, and construct, and install three phases of MLTS wayfinding and interpretive signage as detailed in the "Trail System Master Plan". Funding sources include: American Recovery and Reinvestment funds (ARRA); Town "Measure R" funds.	USFS; TOML; MLTPA
37.	2011 to 2012	Trail Construction - Sherwins Area Recreation Plan (SHARP): Field preparation of SHARP trail alignment 12b for construction by volunteer efforts through the "Summer of Stewardship: Trail Days" program • 6 field trips with USFS trail specialist staff (Keith Dawley) for the detailed review and design of SHARP trail alignments 12b, 13, 5bN, 5bS, and 15. • Facilitated coordination of a professional topographic survey, completed by Triad/Holmes Associates, of a bridge crossing along SHARP 15. • A Biological Evaluation and a Noxious Weed Risk Assessment of trail alignments SHARP 5bN, 5bS, and 15. These two environmental studies were both conducted by Forest Service Botanist, Sue Weis	USFS; TOML; MLTPA

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OPERATION		Partners
Management Plan - 410		
38.	2011 to 2012 Mammoth Lakes Trail System Management Program: “Inaugural Documents of Authority” – 6 Project tracks including: “Proposal from the Town of Mammoth Lakes to the United States Forest Service with Regard to a Mammoth Lakes Trail System”; “MLTS Assets”; “Intellectual Property”; “Governance”; “Operations and Maintenance”; “Capacity and Resources” • Town Council Action: Approval of a resolution for an enhanced relationship with the United States Forest Service. • Town Council Action: Approval of a five year \$300,00 annual commitment to the Mammoth Lakes Trail System from Measure R • Town Council Action: Approval of the establishment of the Mammoth Lakes Trail System Coordinating Committee • “ MLTS Management Program: Draft - March 23, 2012” – Draft Management Program using “Tahoe Rim Trail Management Plan” as reference • Presentation of “Draft Management Program” to MLTS CC	USFS; TOML; MLTPA
Governance - 420		
39.	2012 Mammoth Lakes Trail System Coordinating Committee - Support: Creation of documents for use by the MLTS CC in project prioritization efforts: “MLTS CC Matrix Workflow May 1, 2012”; “Project Prioritization: All Buckets - May 15, 2012”; “MLTS CC – Project Synopses” – May 9, 2012; “Data for Maps” – as requested by TOML GIS Coordinator; “MLTS CC - Draft Project Recommendations by "Bucket" - June 4, 2012”; “MLTS CC - Final Project Recommendations by "Bucket" - June 7, 2012”	TOML; MLTPA
Interagency Coordination - 430		
40.	2007 Incorporation of Mammoth Lakes Trails and Public Access Foundation (MLTPA): CA. public benefit corporation; application for 501(c)3 status.	TOML; MMSA; MLTPA
41.	2007 to 2013 Mammoth Lakes Trail System Planning MOU: Cooperative planning efforts for trails in the Mammoth Lakes region. Signatories include: USFS; TOML; Mono County; Mammoth Community Water District (MCWD); Mammoth Lakes Fire Protection District (MLFPD); Mammoth Mountain Ski Area (MMSA); CALTRANS; MLTPA; Friends of the Inyo (FOI); Mammoth Lakes Tourism (MLT); Eastern Sierra Interpretive Association (ESIA).	<i>see "signatories"</i>
42.	2009 Mobility Plan Outreach: Under contract to the Town, MLTPA provides outreach efforts for the Town's draft "Mobility Plan".	TOML; MLTPA
43.	2011 to 2012 Mammoth Lakes Trail System Grants: Great Basin Unified Air Pollution Control District grant program; Sierra Nevada Conservancy for MLTS Signage; “Transportation Enhancement” grant for Waterford Bridge project	TOML; MLTPA
44.	2011 to 2012 Westin Collaboration: Opportunities for lodging/private sector partner engagement; collateral development for “hard launch” of MLTS Website including “Rack Card” and “Smart Card” as developed with Westin staff.	TOML; Westin Monache Resort; MLTPA
45.	2009 Class 2 Bike Lanes: "Bike Lane Paint Test" on Minaret road	TOML; MLTPA

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46.	2010	Mammoth Lakes Recreation: Multi-agency process which explored a non-governmental organization's establishment and participation in regional recreation opportunities. This process was the basis for RecStrats.	USFS; TOML; MMSA; SNC; Mono County; MLTPA
47.	2010	Master Agreement: MLTPA and the Town negotiated and executed a master agreement to be modified by amendment, providing specific scopes of work and identified funding sources.	TOML; MLTPA
48.	2011	Mammoth Biathlon: Preparation of maps for USFS facilitated partner meeting; GIS field data collection and data development for consultant; mapping of alternatives for consultant and inclusion in final report	USFS; TOML; MLTPA; Volunteers
49.	2010 to 2012	Mammoth Trails: Regular monthly meetings 2010 - July, 2012. Source of user group "Experiences" for MLTS Website; source of user group partners for "Summer of Stewardship: Trail Days". Community input for MLTS planning: "MLTS: Signage and Wayfinding" program through "Mammoth Trails: Map, Sign and Wayfinding Committee"; user group coordination of special events. Opportunities for community engagement: "Shady Rest Motorized Staging Area" trailhead development; "Casa Diablo 4 Geothermal Project"; "USFS: Travel Management Implementation"; "USFS: Inyo Forest Plan Update"; "Enhanced TOML/USFS Partnership"	USFS; TOML; Mammoth Trails; MLTPA; Volunteers
50.	2013	Mammoth Lakes Trail System NGO: Proposal from MLTPA to the Town of Mammoth Lakes to form an MLTS NGO.	TOML; Mono County; MLTPA
Fundraising - 440			
51.	2008	Measure R: Special sales tax measure dedicated to trails, parks, and recreation. Passes with 72% of the vote, raises local sales tax to 7.75%.	TOML; MLTPA; Measure R Committee; Voters of Mammoth Lakes
52.	2010	Measure U: Special extension of "Utilities Users Tax" dedicated to recreation, mobility, and arts and culture. Passes with 67% of the vote.	TOML; Measure U Committee; Voters of Mammoth Lakes
53.	2011	Five Year Measure R Funding Commitment to MLTS: MLTPA writes a Measure R application on behalf of the Town that secures \$300,000 annually for 5 years for the MLTS starting FY 2012/2013.	TOML; MLTPA
Website - 450			
54.	2009 to 2012	Mammoth Lakes Trail System Website: Maintenance of MLTPA website capacity for posting of documents used in partnered projects	TOML; MLTPA
55.	2012	Mammoth Lakes Trail System Website: Responsive design, open source, intended for use on all contemporary devices/platforms. Website Content (230 web pages): 5 Landing pages; 4 Administration pages; 28 Trail pages; 55 Destination pages; 19 Activity pages; 24 Experience pages; 2 Partner pages; 85 QR Wayfinding pages; 8 QR Interpretive pages	USFS; TOML; MLT; Mammoth Trails; MLTPA; Volunteers

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56.	2013	Mammoth Lakes Trail System Website - Content: Enhanced content including "Experiences", "Trails", "Destinations", and "hard launch".	USFS; TOML; Mammoth Trails; MLTPA; Volunteers
Information Systems - 460			
57.	2007	Data Library: GIS Inventory Contract (GIC). Key points of public access and outdoor recreation amenities collected for Town's GIS database. Used in analysis of significant local real estate development projects.	TOML; MLTPA
58.	2009	Data Library: 2,045 MLTS maps and reference documents scanned and converted to searchable PDF files.	TOML; MLTPA
59.	2008 to 2012	Data Library: GIS documentation of 2640 pieces of MLTS infrastructure (trails, signage, trailheads, campgrounds, etc) • All GIS data cleaned, sorted, assigned metadata, with photos where appropriate • Mapping efforts in support of various projects: "Mammoth Trails", "Biathlon", "MLTS Management Program", "MLTS Website", "MLTS: Signage and Wayfinding Program", etc. • UTAP (ADA) data collection and data development for MLTS infrastructure • GIS data source for all "MLTS: Signage and Wayfinding" maps • GIS data source for all maps on "MLTS Website" • Management of QR code program for "MLTS: Signage and Wayfinding" • Management of QR code program for "MLTS: Interpretive Signage Program" • Installation, collection and management of MLTS trail counter program and data • Coordination of QC efforts for "MLTS: Signage and Wayfinding" program • Ongoing delivery and coordination of all GIS data collection and data development efforts with agency partners.	USFS; TOML; MMSA; Mammoth Trails; MLTPA; Volunteers
Interpretive - 470			
60.	2010	Interpretive Signage: Preliminary steps taken to establish an interpretive signage program for the Mammoth Lakes Trail System	USFS; TOML; MLTPA
61.	2011 to 2012	Interpretive Program: "Interpretive Services Planning: Opportunities for Interpretation along the Mammoth Lakes Trail System" report. Adopted by TOML 2012 • Coordination and delivery to USFS of 3rd party photos for use on interpretive panels at Visitor Plaza and on MLTS interpretive panels funded by ARRA • Detailed QC and content notes on 8 "MLTS Interpretive Panels" by Fallon Multimedia for the USFS • "Mammoth Lakes Trail System: Interpretive Program": Development and presentation to USFS, TOML and ESIA staffs on the opportunities for technology in contemporary interpretation efforts and potential applications for the MLTS.	USFS; TOML; Eastern Sierra Interpretive Association (ESIA); MLTPA
Image Library - 490			
62.	2012	Mammoth Lakes Trail System Photo Library: 5,000 + RAW format (DNG) photos documenting the MLTS; copyrighted for TOML; keyworded with MLTS metadata; named using standardized naming conventions • "Mammoth Lakes Trail System: Photo Library - September 2, 2012" – document detailing photo workflow and protocols; "Master Keywords" – editable list of all keywords used in the Photo Library	TOML; MLTPA; Volunteers

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MAINTENANCE			Partners
Maintenance - 510			
63.	2009	Stewardship - Volunteers: Soft surface trail maintenance through "Summer of Stewardship: Trail Days" - Mammoth Trails + FOI + MLTPA	USFS; MMSA; FOI; NFF; MLTPA
64.	2010	Stewardship - Volunteers: Soft surface trail maintenance through "Summer of Stewardship: Trail Days" - Mammoth Trails + FOI + MLTPA	USFS; FOI; NFF; MLTPA
65.	2011	Stewardship - Volunteers: Soft surface trail maintenance through "Summer of Stewardship: Trail Days" - Mammoth Trails + FOI + MLTPA	USFS; FOI; NFF; MLTPA
66.	2012	Stewardship - Volunteers: Soft surface trail maintenance through "Summer of Stewardship: Trail Days" - Mammoth Trails + FOI + MLTPA	USFS; TOML; FOI; MLTPA
STEWARDSHIP			Partners
Adopt-A-Trail - 610			
67.	2009 to 2010	Adopt-A-Trail: Review of Town's existing program and draft proposal to improve and enhance program to include USFS trails; effort phased to coincide with MLTS Website launch and MLTS signage opportunities	USFS; TOML; MLTPA
MARKETING/PROMOTION			Partners
Marketing Strategy - 710			
68.	2012	Mammoth Lakes Trail System Marketing: "MLTS Flyer" one sheet documenting facilities and proximity to regional attractions; "MLTS Logo + Brand Guidelines": logo and brand standards adopted by Town Council.	USFS; TOML; MLT; MLTPA
Trail Maps / Guides - 730			
69.	2009	Trail Map: "Winter Recreation Map" Partnered creation of master map file; printed and distributed by the Town with OHV/OSV grant	USFS; TOML; MLTPA
Trail Events - 740			
70.	2010	ARRA Celebration: Ribbon cutting for the lower section of the Lakes Basin Path. American Recovery and Reinvestment Act (ARRA) funding was used for construction and signage-and-wayfinding of the Lakes Basin Path.	USFS; TOML; MLTPA; Volunteers
71.	2012	ARRA Celebration and MLTS Grand Opening: Coordination of partners, outreach, media, promotion and events for the celebration of MLTS ARRA projects and the grand opening of the Mammoth Lakes Trail System.	USFS; TOML; MLTPA; Volunteers