Established 2003

**SBTS mission:** Building sustainable recreation-based communities through stewardship, job creation and world-class events. Providing quality outdoor experiences through trail construction and maintenance in the Lost Sierra.
Trail Stewardship

- Work performed on public and private lands, operating under Master Challenge Cost Share Agreements, Supplemental Challenge Cost Share Agreements and Voluntary Services Agreements.
- Utilizing locally hired and professional Trail Crews, High School Student Trail Crews and volunteers (including other regional trail and conservation organizations) with land manager oversight.
- Sponsored trail maintenance on Forest Service system trails through: Public-Private Partnerships, Adopt a Trail Program, Outdoor Education Programs, Shared Stewardship and Volunteerism.
Land Managers we work with:
- National Forests
- Bureau of Land Management
- California State Parks
- Land Trusts

Types of Trails we work on:
- Multiple-use
- Motorized OHV
- Pacific Crest Trail
- ADA Accessible
- Learning Landscape

Land Designations we work in:
- Recreation Area
- Wilderness Area
- Roadless Area
- Timberland Producing Zone

www.SierraTrails.org
Collaboration through Public-Private Partnerships to create local jobs and to improve recreational and environmental resources on public and private lands
SBTS Trail Work In 2020 (Plumas & Tahoe National Forests)

- 148 Miles Maintained (218 miles in 2019)
- 10.5 Miles Built (8.1 miles in 2019)
- 69 Miles “Shovel-Ready” (NEPA/CEQA complete)

Since Established In 2003

- 121 Trail Projects Completed
- 102 miles of NEW Trail Built
- 1,238 miles of Trail Maintained to Specification
- 100,009 Volunteer Labor Hours Contributed

www.SierraTrails.org
SBTS Economic Impact In 2020 -

- Gross Income $1,930,565
- 17 Employees / Payroll $738,029

- 2019 - Gross Income $2,262,360
- 2018 - Gross Income $1,849,591
- 2017 – Gross Income $1,675,913
- 2016 - Gross Income $1,447,203
- 2015 - Gross Income $1,432,129

www.SierraTrails.org
SBTS Trails Impact in 2020 -

- **Professional Trail Crew Employed** - 8 (10 in 2019)
- **High School Student Trail Crew Employed** - 0 (14 in 2019)
- **336 Volunteers/ 52 Volunteer Work Days** - (36 days in 2019)
  - 336 = 180 Youth + 156 Adult

- 2019 - 1,383 Volunteers
- 2018 - 1,342 Volunteers
- 2017 - 949 Volunteers
- 2016 - 724 Volunteers
- 2015 - 711 Volunteers
2021 SBTS PROJECTS
Planning (NEPA process) - planning for sustainable trails and surveys.

- **40 miles - Claremont Peak Trail System**, Plumas National Forest. In partnership with Plumas County and Plumas NF. Includes **Connected Communities- Quincy to Meadow Valley** linking 3 NF Campgrounds. Motorized multiuse singletrack.

- **Connected Communities Trails Master Plan** - GIS Map and ground-proof Connected Communities singletrack routes (**approx. 300 miles** connecting 15 communities), identify potential overnight hut locations and “Main Street” trailhead locations. Motorized and Non-Motorized multiuse singletrack.
SBTS 2021 Project List - Development

Development - 69 miles of new “Shovel-Ready” trails (NEPA complete):

Maintenance - 220 miles of Forest Service system trails:

CONNECTED COMMUNITIES
TRAILS MASTER PLAN
Funded through Sierra Nevada Conservancy using California Proposition 68 funds
The Connected Communities Trails Master Plan will:

- Plan a world-class trail system connecting the “Main Street” of 15 northern Sierra communities: Loyalton, Sierraville, Sierra City, Downieville, Quincy, Graeagle, Portola, Taylorsville, Greenville, Chester, Westwood, Susanville, Jonesville, Truckee and Reno.
- Provide a repeatable process through project documentation and storyboarding for how communities can partner with land managers and local government agencies to develop and maintain sustainable recreational and economic resources on public lands.
- Support severely disadvantaged communities through recreation-based economic growth, new business opportunities and local job creation.
The **Orange Lines** represent approximately 300 miles of multiuse trails, referred to as the **Lost Sierra Route**, connecting the “Main Street” of 15- mountain communities. Users include: hike, bike, equine, motorcycle, ebike.... **Trails that everyone can use!**
Connected Communities

- 70% of the land in Plumas and Sierra Counties is National Forest, and in Lassen County 58% of the land is National Forest. The National average is 8%.
- Plumas, Sierra and Lassen Counties were amongst the richest counties in California - once during the Gold Rush and again during the Timber Boom.
- Jobs in these rural counties have historically come from extractive industries that utilized resources on public lands; mining and logging.
- Due to government and environmental regulations, those jobs are gone and Plumas, Sierra and Lassen are now among California’s poorest counties.
TheConnected CommunitiesTrails Master Plan will:

- Showcase the headwaters of the Yuba and Feather Rivers, which are critical watersheds delivering more than 65% of California’s clean drinking water.
- Create a learning landscape for outdoor and environmental education programs to highlight our National Forests and the importance of shared stewardship.
- Bring visitors into towns for services and accommodations, and allow residents to easily access the surrounding public lands (without the use of a vehicle) via a “Main Street Trailhead”
- Establish a connection to the Modoc Line Trail and the 700 mile long Oregon Timber Trail; a renowned route connecting Modoc County to the Columbia River Gorge in Oregon.
Timing is Critical for the Connected Communities Trails Master Plan:

- The Plumas, Tahoe and Lassen Forests are in the process of updating their Forest Land & Resource Management Plans, all of which are nearly 30- years old and have no mention of “trails” or “recreation” as a type of use or resource.
- The U.S. Forest Service, National Strategy for Sustainable Trail Systems identifies the need to plan, maintain and construct trails with partnerships.
- The U.S. Forest Service, 10-Year Sustainable Trail Stewardship Challenge specifically identifies the need to complete Trail Master Plans on each forest.
Lost Sierra Connected Communities - Outreach Plan

Solicit public participation through:
- Social media stories and targeted ads (Facebook and Instagram)
- Local print and online newspaper articles with paid advertisements
- Public Service Announcement (PSA) videos with project information and updates
- Infomercial film with trailers (Youtube)
- Direct email to members: 25,510 Members (33% open rate)

Seek project input through:
- Surveys - paper survey booklets and online (SurveyMonkey)
- Maps - available for mark-up in paper survey booklets, online and at in-person meetings
- Socially distanced in-person meetings with residents and community leaders
- Virtual presentations with agencies and organizations (Zoom, Teams, Meets)
- Phone and email
Community Outreach

26 Project information/survey kiosks placed in businesses throughout the project area

Socially distanced meetings with small groups of residents hosted outdoors

Virtual meetings and presentations with regional organizations, land managers and government agency staff

870+ Surveys taken to date. Paper booklets and online surveys to gather public input

https://sierratrails.org/cc

Survey Questions:

1. What Zip Code do you live in?
2. What types of outdoor recreation do you participate in? Check all that apply.
   - Hiking
   - Biking
   - Mountain Bike
   - Skiing
   - Snowshoeing
   - Hiking with a guide
   - Cross Country Skiing
   - Other
3. Would you like more outdoor trails near your town?
4. What types of recreational trails do you prefer?
   - Multi-use trail (bike, hike)
   - Single-use trail (biking or hiking)
   - Snowmobile Trail
   - Ski Trail
   - Hiking Trail
   - Other
5. Do you use established trails?
6. More information is needed for recreational trails to exist.
   - Very important
   - Somewhat important
   - Not important
7. Would you use CARRTRTRC on recreational trail?
   - Yes, I would use it
   - Yes, but I would need access to a fuel source in case of a fire
   - No
8. If you had an open space trail system within a trail system throughout town, how often would you use it?
   - Less than once a week
   - 1-2 times a week
   - 3-4 times a week
   - More than 4 times a week
   - Yes, but I would need access to a fuel source in case of a fire
   - No
Lost Sierra Connected Communities - Community Outreach Plan

Seeking multi-generational input:
- High School Students
- Under 23 Youth
- Adults/ Parents
- Grandparents/ Elders

Development of 8 regional Concept Planning Teams (CPT):
- Indian Valley (Taylorsville, Greenville, Genesee, Crescent Mills)
- Almanor (Chester, Westwood, Canyon Dam, Prattville)
- Susanville (Janesville)
- Yuba River (Sierra City, Downieville, Goodyears Bar)
- Sierra Valley (Loyalton, Sierraville, Calpine, Chilcoot)
- Graeagle (Blairsden, Clio, Johnsville, Cromberg)
- Portola (Delleker, Beckwourth)
- American Valley (Quincy, East Quincy, Meadow Valley, Butterfly Valley)
Lost Sierra Connected Communities - Concept Planning

Concept Planning Team members identified through:

- Survey input - indicated willingness to participate
- Contacted SBTS directly - phone or email
- Representative of local organization
- Known trail enthusiast and asked to participate
- Solicited by other community members to participate
- Word of mouth

Concept Planning Team members include:

- Community members (4-6qty)
- Land managers (District representative)
- County Supervisors (District representative)
- Local organization representatives
- Local business owners/ Chamber of Commerce
Lost Sierra Connected Communities - Concept Planning

Concept Planning Teams meet virtually (Zoom and Basecamp) and in-person to:

- Analyze survey and mapping results for region (region indicated through zip code).
- Establish priority areas and document existing conditions—Work together to conceptually plan recreational access and trail opportunities on surrounding public lands.
- Data collection, inventory and trail condition surveys—Capture consistent trail condition surveys (assessment, coordination, prioritization, annual maintenance, reconstruction, planning, adoption, construction, restoration) to meet agency needs for inventory and reporting.
- Begin concept planning for:
  - Trail corridors (motorized and non-motorized)
    - Contouring alignments, average grade 8% and maximum short pitch 18%
  - “Main Street” trailheads and visitor parking areas
  - Identify non-motorized recreation areas located on surrounding public lands
Connected Communities

The **Trails Master Plan** will be accomplished in phases:

- Phase 1 - Inventory, Planning and Mapping
- Phase 2 - NEPA/CEQA (environmental studies)
- Phase 3 - Construction
- Phase 4 - Annual Maintenance
Connected Communities

Phase 1 - Inventory, Planning and Mapping

- Inventory National Forest “System” and “Non-System” trails
- Plan Community Trail Systems and trailhead locations
- Flag and GIS Map Connected Community routes (250 miles)
- Phase 1 Cost: $465,000
  - Sierra Nevada Conservancy grant $360,000
  - SBTS in-kind match $105,000
Phase 2 - NEPA/CEQA

- Work performed on National Forests utilizing Challenge Cost Share and Voluntary Services Agreements
- Using approved local contractors with land manager oversight
- Surveys - Heritage, Wildlife, Botany, Hydrology, Recreation
- **Phase 2 Cost: $792,000** (projected)
  - NEPA/CEQA $.50 p/ft
  - 1,584,000 ft (300 miles) of new trail
Connected Communities

Phase 3 - Construction

- Work performed on National Forests utilizing Challenge Cost Share and Voluntary Services Agreements
- Using locally hired Adult and Youth Trail Crews with Volunteers with land manager oversight
- **Phase 3 Cost: $7,920,000** (projected)
  - Construction $5.00 p/ft
  - 1,584,000 ft (300 miles) of new trail
Connected Communities

**Phase 4 - Annual Maintenance**

- Work performed on National Forests utilizing Challenge Cost Share and Voluntary Services Agreements
- Using locally hired Adult and Youth Trail Crews and Volunteers operating with land manager oversight
- **Phase 4 Cost: $792,000** (annual projection)
  - Maintenance performed to meet land manager specification $.50 p/ft
  - 1,584,000 ft (300 miles) of new trail
Steps for Concept Planning Teams (CPT):
Step 1: Collect GPX data from NF (System Trails) and private parcel data from Counties
Step 2: Analyze regional survey data and mapping results (based on local zip codes)
Step 3: Generate GPX data for concept trail planning and present to SBTS GIS Team
Step 4: SBTS GIS Team analyzes and presents data back to CPT with recommendations
Step 5: CPT adjustments/ approval of SBTS GIS Team recommendations
Step 6: SBTS presents concept to land manager “specialists” for scoping and initial route approval
Step 7: Ground proofing and GIS mapping route corridor (100’ wide corridor)
Step 8: Revisit and share findings (changes/challenges) with CPT and land manager
Step 9: Generate Trail Feasibility Study, for each region, based on CPT and land manager input
Step 10: Land manager, County and City Board approval of regional Feasibility Study
Step 11: Connected Communities Trails Master Plan composed of 8 regional Feasibility Studies
Step 12: Land manager, County and City Board approval and adoption of Trails Master Plan
Lost Sierra Connected Communities

Project Partners (As of 2/9/2021)

- US Forest Service, Pacific Southwest Region 5
- Tahoe National Forest
- Lassen National Forest
- Plumas National Forest
- Plumas County Board of Supervisors
- Plumas County Dept. Public Works
- City of Portola
- Sierra County Board of Supervisors
- City of Loyalton
- Lassen County Board of Supervisors
- City of Susanville
- Butte County Board of Supervisors
- Pacific Crest Trail Association
- Congressional Representative Doug LaMalfa
- Feather River Land Trust
- Sierra County Land Trust
- Lassen Land & Trails Trust
- Truckee Donner Land Trust
- Northern California Regional Land Trust
- Feather River Tourism Association
- Lost Sierra Chamber of Commerce
- Lake Almanor Area Chamber of Commerce
- Lassen County Chamber of Commerce
- Center for Economic Development, CSU Chico
- State of Nevada, Off-Highway Vehicle Program
- Portola, Quincy and Indian Valley Rotary

Connected Communities is supported by these agencies, counties and towns.
Lost Sierra Connected Communities
Project Partners (As of 2/9/2021)

- Sierra Business Council
- Sierra County Visitors Bureau
- Nevada County Woods Riders
- Truckee Dirt Riders
- Reno Area Dirt Riders
- 707 Trail Riders
- Chico Velo
- Susanville Area Bicycle Association
- Tahoe Area Mountain Bike Association
- Truckee Trails Foundation
- International Mountain Bicycling Association
- Santa Cruz Bicycles
- Sierra Nevada Brewing Company
- Patagonia
- Clif Bar
- Shimano
- Fox Shox
- Wilderness Trail Bikes
- Paul Components
- REI Co-op
- Klean Kanteen
- Voler
- Camp Chef

Connected Communities is supported by these agencies, counties and towns.
CONNECTED COMMUNITIES
SURVEY RESULTS
As of 1/15/2021
What types of outdoor recreation do you participate in?

- Hunt/Fish
- Target Shoot
- Creek/Lake swim
- Rock Climb
- Organized Team Sport
- Tent Camp
- RV Camp
- Mountain Bike
- Equestrian horseback
- Trail Run
What types of outdoor recreation do you participate in? Check all that apply.

<table>
<thead>
<tr>
<th>ANSWER CHOICES</th>
<th>RESPONSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walk/Hike</td>
<td>83.77%</td>
</tr>
<tr>
<td>Backpack</td>
<td>45.02%</td>
</tr>
<tr>
<td>Ebike</td>
<td>16.54%</td>
</tr>
<tr>
<td>Motorcycle</td>
<td>30.78%</td>
</tr>
<tr>
<td>ATV/Side by Side</td>
<td>13.78%</td>
</tr>
<tr>
<td>4x4</td>
<td>23.12%</td>
</tr>
<tr>
<td>Power Boat</td>
<td>10.87%</td>
</tr>
<tr>
<td>Canoe/Kayak/Paddle Board</td>
<td>53.60%</td>
</tr>
<tr>
<td>Hunt/Fish</td>
<td>31.55%</td>
</tr>
<tr>
<td>Target Shoot</td>
<td>19.45%</td>
</tr>
<tr>
<td>Creek/Lake swim</td>
<td>49.16%</td>
</tr>
<tr>
<td>Rock Climb</td>
<td>14.09%</td>
</tr>
<tr>
<td>Organized Team Sport</td>
<td>5.97%</td>
</tr>
<tr>
<td>Tent Camp</td>
<td>59.57%</td>
</tr>
<tr>
<td>RV Camp</td>
<td>30.63%</td>
</tr>
<tr>
<td>Mountain Bike</td>
<td>76.88%</td>
</tr>
<tr>
<td>Equestrian / horseback</td>
<td>4.13%</td>
</tr>
<tr>
<td>Trail Run</td>
<td>18.22%</td>
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</table>

Total Respondents: 853
Would you like more recreational trails near your town?

Answered: 650  Skipped: 6

<table>
<thead>
<tr>
<th>ANSWER CHOICES</th>
<th>RESPONSES</th>
</tr>
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<tbody>
<tr>
<td>Yes</td>
<td>95.08%</td>
</tr>
<tr>
<td>No</td>
<td>2.00%</td>
</tr>
<tr>
<td>I'm not sure</td>
<td>2.92%</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
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</tbody>
</table>
What types of recreational trails do you prefer?

Answered: 648  Skipped: 8

<table>
<thead>
<tr>
<th>ANSWER CHOICES</th>
<th>RESPONSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motorized multi-use single track (30&quot; maximum width): motorcycle, hike, bike, ebike, equine</td>
<td>40.12% 260</td>
</tr>
<tr>
<td>Non motorized multi-use single track (30&quot; maximum width): hike, bike, equine</td>
<td>72.07% 467</td>
</tr>
<tr>
<td>Double track: 4x4, Quad, Side by Side</td>
<td>14.04% 91</td>
</tr>
<tr>
<td>I do not use established trails</td>
<td>0.77% 5</td>
</tr>
</tbody>
</table>

Total Respondents: 648
How important is access to recreational trails to you?

Answered: 650  Skipped: 6

<table>
<thead>
<tr>
<th>ANSWER CHOICES</th>
<th>RESPONSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extremely important</td>
<td>80.92%</td>
</tr>
<tr>
<td>Very important</td>
<td>16.00%</td>
</tr>
<tr>
<td>Somewhat important</td>
<td>2.92%</td>
</tr>
<tr>
<td>Not so important</td>
<td>0.15%</td>
</tr>
<tr>
<td>Not at all important</td>
<td>0.00%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>650</td>
</tr>
</tbody>
</table>
How often do you CURRENTLY use recreational trails?

Answered: 649   Skipped: 7

<table>
<thead>
<tr>
<th>ANSWER CHOICES</th>
<th>RESPONSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-7 x per week</td>
<td>11.25%</td>
</tr>
<tr>
<td>3-5 x per week</td>
<td>41.91%</td>
</tr>
<tr>
<td>1-2 x per week</td>
<td>28.35%</td>
</tr>
<tr>
<td>1-3 x per month</td>
<td>17.41%</td>
</tr>
<tr>
<td>Not at all</td>
<td>1.08%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
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</table>
If you had an in-town trail system with a “Main Street” Trailhead, how often would you use it?

Answered: 649   Skipped: 7

<table>
<thead>
<tr>
<th>ANSWER CHOICES</th>
<th>RESPONSES</th>
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<tbody>
<tr>
<td>6-7 x per week</td>
<td>16.33%</td>
</tr>
<tr>
<td>3-5 x per week</td>
<td>44.38%</td>
</tr>
<tr>
<td>1-2 x per week</td>
<td>26.04%</td>
</tr>
<tr>
<td>1-3 x per month</td>
<td>11.56%</td>
</tr>
<tr>
<td>Not at all</td>
<td>1.69%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>649</td>
</tr>
</tbody>
</table>
Would you like a recreational trail that connects your town to other nearby towns?

Answered: 641    Skipped: 15

<table>
<thead>
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<th>ANSWER CHOICES</th>
<th>RESPONSES</th>
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<tbody>
<tr>
<td>Yes</td>
<td>97.04%</td>
</tr>
<tr>
<td>No</td>
<td>2.96%</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
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</tbody>
</table>
Would you volunteer to help build and maintain recreational trails near your town?

Answered: 635    Skipped: 21

<table>
<thead>
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<th>ANSWER CHOICES</th>
<th>RESPONSES</th>
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<tbody>
<tr>
<td>Yes</td>
<td>88.98%</td>
</tr>
<tr>
<td>No</td>
<td>11.02%</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
</tr>
</tbody>
</table>
What is your age range?

Answered: 649  Skipped: 7

<table>
<thead>
<tr>
<th>ANSWER CHOICES</th>
<th>RESPONSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 18</td>
<td>0.62%</td>
</tr>
<tr>
<td>18-24</td>
<td>2.47%</td>
</tr>
<tr>
<td>25-34</td>
<td>12.02%</td>
</tr>
<tr>
<td>35-44</td>
<td>23.27%</td>
</tr>
<tr>
<td>45-54</td>
<td>23.27%</td>
</tr>
<tr>
<td>55-64</td>
<td>24.19%</td>
</tr>
<tr>
<td>65+</td>
<td>13.25%</td>
</tr>
<tr>
<td>Prefer not to say</td>
<td>0.77%</td>
</tr>
<tr>
<td>Prefer not to say</td>
<td>0.15%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>649</td>
</tr>
</tbody>
</table>