



Winter 2017 Draft Report

Alignment Proposals for the Inyo National Forest and the Town of Mammoth Lakes

Map ID #S13

February 08, 2017





**Map ID #S13 Key Agreements
As of February 08, 2017**

- A. Alignment:** This trail is meant primarily as a connector from the Sherwins Trailhead to the Mammoth Rock Trail.
- 1. Trailhead and Destination(s):** Sherwins Trailhead and the Mammoth Rock Trail.
 - 2. Naming Suggestions:** Mammoth Rock Trail Connector
 - 3. Control Points/Narrative:** The trail begins at the south side of the Sherwins Trailhead where the decommissioned USFS Road AKA 4S106 and the proposed SHARP Map ID #S07 meet (1). The trail meanders east at an approximate 5% grade following the contour of the landscape and providing users with stunning views of the Glass Mountains, the Long Valley Caldera and the White Mountains. The trail then makes a wide radius turn to the southwest using the natural contour of the landscape (2). From there, the trail maintains a 5% grade or less as it passes a large rock just before making another sweeping turn towards the east (3). The trail continues east following the contour and passes a cluster of impressive granitic rocks on the left side of the trail that could serve as possible feature for mountain bikes (4). Just past this rock feature, the trail turns east in the final wide radius turn of this trail alignment. The trail follows the contour of the hillside passing another impressive rock feature (5) until it meets with an existing use trail at the top of the hill which will require reassurance signage to keep users on the system trail (6). The trail alignment crosses the existing steep and unsustainable use trail following the contour of the landscape through manzanita at a 5% grade heading south towards the lower section of the Mammoth Rock Trail. The trail meets a second use trail (7) and makes a quick turn further south following the existing use trail to its terminus at the intersection of the Mammoth Rock Trail (8). Signage will be needed to encourage users to stay on the new trail and to not stray onto use trails.
 - 4. Map Reference:** SHARP TTC: Map ID #S13, 12/19/16
- B. Design Specifications:**
- 1. Trail Type:** Type 2 (preferred mountain bike)
 - 2. Users:** Non-motorized
 - 3. Width:** See "Trail Type."
 - 4. Grade:** See "Trail Type."
 - 5. Surface:** See "Trail Type."



6. **Features:** See control points. Preventative measures will be taken to prevent cutting switchbacks and use of existing unsustainable use trails and USFS Road AKA 4S106.
 7. **User Experience/Aesthetics:** This trail exhibits good examples of manzanita communities on the east side of the Sierra, provides excellent views of Mammoth Rock, the Glass Mountains, Long Valley Caldera, and the White Mountains and offers an introduction to the front country/soft-surface trail experience.
 8. **Trail Amenities:** As directed by the *Mammoth Lakes Trail System Wayfinding and Signage Standards Manual*.
- C. Winter/Summer Interface:** No winter facilities are in apparent conflict with this project, with the possible exception, of soft surface signage, though it is proximate to the proposed snowplay area. If possible, it is desirable to compact snow in this area at the beginning of the trail to access the snowplay area. In this case, accommodation of a snowcat should be considered when planning rehabilitation of USFS Road AKA 4S106 in this area.
- D. Signage and Wayfinding Special Considerations:** As directed by the *Mammoth Lakes Trail System Wayfinding and Signage Standards Manual*. Additionally, there is the possibility to implement interpretive signage related to the variety of vegetation and other natural features of the area, which could connect into a larger interpretive experience at the Sherwins Trailhead (Map ID #S01).

TO BE COMPLETED BY AGENCIES/JURISDICTIONS

- A. Environmental Review:** Anticipated decision form USFS will be a Categorical Exclusion per the District Ranger.
- B. Construction & Maintenance:** Town of Mammoth Lakes under CCS and Potentially SUP.
- C. Funding Considerations & Ownership:** Funding Construction through Measure R and MLTS Trail Facilities Construction Reserve Account; Ownership via USFS with Maintenance provided by the MLTS.



D. Construction Cost Estimator:

Total Linear Feet New Trail Construction	5,018 feet
Total Estimated Cost per Linear Foot	\$5.00
Total Estimated Cost of New Trail Construction	\$25,090
Type of Amenities	Type 9a Signage
# of Amenities	4
Cost per Amenity	\$200
Total Cost of Amenities	\$800
Rehabilitation Cost	N/A
Total Cost Estimate for SHARP ID #S13	\$25,890

- a. **Total linear feet of new trail construction:** 5,018 feet
- b. **Total estimated cost per linear foot:** \$5.00 per linear foot
- c. **Estimated Cost of Amenities:** \$800 for Type 9a signage. A minimum of four Type 9a (Trail Directional) signs will be needed on this trail: one at the trailhead (control point 1), two at intersections with existing use trail to keep users on the trail, and one at the end of the trail where it meets the Mammoth Rock Trail. Signs are approximately \$200 each, the estimated signage budget for this trail will be \$800.
- d. **Rehabilitation cost estimate:** TBD
- e. **First-guess cost estimate: \$25,890**
 - i. **Preferred Alignment: \$25,890**
 - ii. **Alternative alignment:** None

E. Other Special Considerations: None

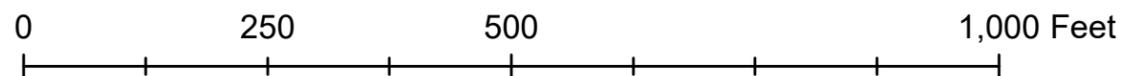
SHARP TTC: Map ID #13
CONCEPT: Soft-surface non-motorized connector from the borrow pit staging area (see Summer Map ID#1) to Mammoth Rock Trail
 See The Sherwin Area Recreation Plan (SHARP) for detailed concept and rationale
 Map Draft Date 12/19/16

Legend

-  SHARP TTC Trail Alignments
-  SHARP Proposed Trails
-  INF Trails
-  Centerlines
- 10ft Contours**
-  Contour Line, Major
-  Contour Line, Minor
-  Contour Line, Intermediate

SHARP TTC

- The SHARP TTC is committed to staying true to the original wording and intent of the SHARP proposals, as crafted by the Sherwins Working Group, and will therefore not revisit or revise any part of any recommendation unless warranted by agency sideboards or other opportunities or constraints as identified by land management agencies such as the INF.
- This map is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.





**Project Cover Sheet:
Map ID #S13**

SHARP CONCEPT	Soft-surface non-motorized connector from the borrow pit staging area (see Summer Map ID #01) to Mammoth Rock Trail. Develop a soft-surface non-motorized connector trail from the Mammoth Rock Trail to the south side of the borrow pit staging area. Design concerns may necessitate rehabilitation of the two existing use-trails into one system trail that connects to the existing road on the south side of the borrow pit.
SHARP RATIONALE	This connection will enable users, particularly mountain bikers, to exit the Mammoth Rock Trail and make a direct connection to the Mammoth Creek Park East connector trail (see Summer Map ID #06) and the larger Mammoth Lakes Trail System, or to one of the two "backbone" trails connecting the borrow pit staging area to the Tamarack Street trailhead (see Summer Map ID #02 and #07). Consolidation of the two existing use-trails will reduce visual impact. This connection will deliver users from Mammoth Rock Trail directly into the borrow pit staging area, which is a major node featuring an array of facilities.
RELATED PROJECTS	SHARP ID #W01. See SHARP Winter Proposal for details. SHARP ID #S02. See SHARP Summer Proposals for details. SHARP ID #S06. See SHARP Summer Proposal for details. SHARP ID #S07. See SHARP Summer Proposal for details.
WORKFLOW CHECKLIST TASK	DATE COMPLETED
Group overview in-house meeting to present work plan and desired	June 12, 2010
Group overview field trip and technical analysis in-house	Field trip: June 12, 2010
Drafting/staking	June 12, 2010
Technical review field trip	September 2, 2016
Draft revision	February 8, 2017
Final review meeting	July 13, 2010
Presentation to USFS	November 18, 2010
AGENCY SIDEBOARDS	N/A
DESIRED OUTSIDE PARTICIPANTS	Town of Mammoth Lakes, Inyo National Forest
ENVIRONMENTAL REVIEW	NEPA: Anticipated decision from USFS will be a categorical Exclusion per the District Ranger. Specific action still pending. CEQA: TBD
OTHER NOTES	None.
PARTICIPANTS	2011-2016 Participants: Robin Morning, Lesley Bruns, Maggie Palchak, Malcolm Clark, John Walter, Greg Norby, Tammy Nguyen, Megan Mahaffey, Linsey Duddridge, Chuck Megivern, Kim Stravers, Drew Blankenbaker, Steve Speidel, Keith Dawley, Jon Kazmierski, and John Wentworth. 2016-2017 Participants: John Wentworth, Joel Rathje, Andrew Mulford, and Kelly Workman.