



Winter 2017 Draft Report

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

Map ID #S04

Map ID #W06

April 13, 2017





**Map ID #S04 Key Agreements
As of April 13, 2017**

- A. Alignment:** This project is intended to develop a multi-use staging area at Mill City, located at the Old Mammoth Road winter closure.
 - 1. **Trailhead and Destination(s):** Mammoth Rock Trail’s western endpoint, Panorama Vista Trail/Panorama Dome Trail’s eastern endpoints, and the Lakes Basin.
 - 2. **Naming:** Mill City Trailhead
 - 3. **Control Points/Narrative:** See attached SHARP ID #S04 map.
 - 4. **Map Reference:** SHARP TTC: Map ID #S04, 04/12/17
- B. Design Specifications:**
 - 1. **Facility Type:** Staging Area/Trailhead.
 - 2. **Users:** Non-motorized and Motorized (after April 16)
 - 3. **Surface:** Asphalt
 - 4. **Trail Amenities:** Trail amenities and facilities will include signage, expanded parking, bathrooms, and a turnaround for public transit.
- C. Winter/Summer Interface:** Overlaps with SHARP ID #W06, #S14, #W08 and #W07.
- D. Signage and Wayfinding Special Considerations:** As directed by the *Mammoth Lakes Trail System Wayfinding and Signage Standards Manual*. Trailhead signage will be needed at this site with both winter and summer safety, recreation, and trail etiquette messages.

TO BE COMPLETED BY AGENCIES/JURISDICTIONS

- A. Environmental Review:** “SHARP Projects – NEPA” as submitted to USFS.
- 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 Area of Facility	1 Acre
Facility Construction Cost	\$1,000,000
Type of Amenity	Trailhead Signage
# of Amenities	1
Cost per Amenity	\$10,000
Total Cost of Amenities	\$10,000
Rehabilitation Cost	TBD
Total Cost Estimate for SHARP #S04	\$1,010,000



- a. **Total Area of Facility:** 1 Acre
- b. **Total Facility Construction Cost:** Approximately \$1,000,000
- c. **Estimated Cost of Amenities:** \$10,000 for 1 Type 2 Trailhead Sign.
- d. **Rehabilitation cost estimate:** TBD
- e. **First-guess cost estimate:** \$1,010,000
 - i. **Preferred Alignment:** \$1,010,000
 - ii. **Alternative alignment:** None
- E. **Other Special Considerations:** An adequate turnaround for public transit will need to be constructed at this location, but transit availability will reduce overcrowding at parking areas and supports the Town of Mammoth Lakes General Plan vision of public transit mobility.



**Map ID# W06 Key Agreements
As of April 13, 2017**

- A. Alignment:** This project is intended to develop a multi-use staging area at Mill City located at the Old Mammoth Road Winter Closure.
- 1. Trailhead and Destination(s):** Mill City, Old Mammoth Road, and Old Mammoth Road Winter Closure.
 - 2. Naming:** Mill City Trailhead
 - 3. Control Points/Narrative:** See attached SHARP ID #W06 map.
 - 4. Map Reference:** SHARP TTC: Map ID #W06, 04/12/17
- B. Design Specifications:**
- 1. Facility Type:** Multi-Use Staging Area
 - 2. Users:** Non-motorized and Motorized (after April 17)
 - 3. Surface:** Pavement and Snow
 - 4. User Experience/Aesthetics:** This facility will provide an alternative to the Borrow Pit Staging Area (SHARP ID #W01) which will relieve pressure on the main parking/staging areas at the eastern end of the Sherwins and provide an alternative access/egress point to the Sherwins area for non-motorized users wishing total separation from OSV staging prior to April 17. It will also relieve pressure on the existing Lake Mary Road Winter Closure Staging Area.
 - 5. Facility Amenities:** Amenities will include signage, expanded parking, and bathrooms.
- C. Winter/Summer Interface:** Overlaps SHARP ID #S14, #S04, #W08, and #W07.
- D. Signage and Wayfinding Special Considerations:** As directed by the *Mammoth Lakes Trail System Wayfinding and Signage Standards Manual*.

TO BE COMPLETED BY AGENCIES/JURISDICTIONS

- A. Environmental Review:** "SHARP Projects – NEPA" as submitted to USFS.
- 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. Cost Estimator:

Total Area of Facility	1 Acre
Snow Removal/Grooming	Snow Removal
Estimated Cost Per Hour	TBD
Total Estimated Cost Per Season	TBD
Type of Amenity	Trailhead Signage
# of Amenities	1
Cost per Amenity	\$800
Total Cost of Amenities	\$800
Rehabilitation Cost	TBD
Total Cost Estimate for SHARP #W06	TBD

- a. **Total Area of Facility:** 1 Acre
- b. **Snow Removal/Grooming:** The facility will need snow removal, which is billed at a rate of \$TBD/hr.
- c. **Estimated Cost of Amenities:** Amenities will be limited to Winter Trailhead Signage (\$800/each).
- d. **Rehabilitation Cost Estimate:** TBD
- e. **First-Guess Cost Estimate:** TBD
 - i. **Preferred Alignment:** TBD
 - ii. **Alternative Alignment:** None

E. Other Special Considerations: An adequate turnaround for public transit will need to be constructed at this location, but transit availability will reduce overcrowding at parking areas and supports the Town of Mammoth Lakes General Plan vision of public transit mobility.

SHARP TTC: Map ID #04
CONCEPT: Multi-use staging area at Mill City.
 Develop a multi-use staging area at Mill City, located at the Old Mammoth Road winter closure. Facilities will include signage, expanded parking, and bathrooms. This staging area will be open year-round to non-motorized use (see Winter Map ID #6) and will be served by public transit (see Summer Map ID #28).
 Map Draft Date 04/12/17

Legend

 SHARP Proposed Trails

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.



SHARP TTC: Map ID #W06
CONCEPT: Multi-use staging area at Mill City.
 Develop a multi-use staging area at Mill City, located at the Old Mammoth Road winter closure. Facilities will include signage, expanded parking, and bathrooms. This staging area will be open year-round to non-motorized use (see Summer Map ID #4) and open to OSV use after April 17, when snowmobiles are permitted in the Lakes Basin. This staging area will be served by public transit (see Winter Map ID #12).
 Map Draft Date 04/12/17

Legend

 SHARP Proposed Trails

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.
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**Project Cover Sheet:
Map ID #S04**

SHARP CONCEPT	Multi-use staging area at Mill City. Develop a multi-use staging area at Mill City, located at the Old Mammoth Road winter closure. Facilities will include signage, expanded parking, and bathrooms. This staging area will be open year-round to non-motorized use (see Winter Map ID #06) and will be served by public transit (see Summer Map ID #28).
SHARP RATIONALE	This facility will provide an alternative to the Borrow Pit Staging Area, which will relieve pressure on the main parking/staging areas at the eastern end of the Sherwins and will provide an alternate access/egress point to the Sherwins area for non-motorized users wishing total separation from OHV staging. It also will provide additional staging opportunities for the Lakes Basin, Mammoth Rock Trail's western endpoint, and Panorama Vista Trail/Panorama Dome Trail's eastern endpoints. An adequate turnaround for public transit will need to be constructed at this location, but transit availability will reduce overcrowding at parking areas and supports the Town of Mammoth Lakes General Plan vision of public-transit mobility.
RELATED PROJECTS	SHARP project ID #S16 - See the SHARP Summer Proposal for details. SHARP project ID #S24 - See the SHARP Summer Proposal for details. SHARP project ID #S28 - See the SHARP Summer Proposal for details. SHARP project ID #W06 - See the SHARP Winter Proposal for details.
WORKFLOW CHECKLIST TASK	DATE COMPLETED
Group overview in-house meeting to present work plan and desired deliverables	January 2017 - March 2017
Group overview field trip and technical analysis in-house	January 2017 - March 2017
Drafting/staking	March 28, 2017
Technical review field trip	None
Draft revision	January 2017 - March 2017
Final review meeting	April 5, 2017
Presentation to USFS	None
AGENCY SIDEBOARDS	None
DESIRED OUTSIDE PARTICIPANTS	Town of Mammoth Lakes, Inyo National Forest.
ENVIRONMENTAL REVIEW	"SHARP Projects – NEPA" as submitted to USFS.
OTHER NOTES	None
PARTICIPANTS	2017 Participants: Joel Rathje, John Wentworth, Andrew Mulford, and Kelly Workman.



**Project Cover Sheet:
Map ID #W06**

SHARP CONCEPT	Multi-use staging area at Mill City. Develop a multi-use staging area at Mill City, located at the Old Mammoth Road winter closure. Facilities will include signage, expanded parking, and bathrooms. This staging area will be open year-round to non-motorized use (see Summer Map ID #04) and open to OSV use after April 17, when snowmobiles are permitted in the Lakes Basin. This staging area will be served by public transit (see Winter Map ID #12).
SHARP RATIONALE	This facility will provide an alternative to the Borrow Pit Staging Area (see Winter Map ID #01), which will relieve pressure on the main parking/staging areas at the eastern end of the Sherwins and provide an alternative access/egress point to the Sherwins area for non-motorized users wishing total separation from OSV staging prior to April 17. It also will relieve pressure on the existing Lake Mary Road winter closure staging area. Parking along Old Mammoth Road will continue to be permitted per Town of Mammoth Lakes policy until the parking area is completed.
RELATED PROJECTS	SHARP project ID #S04 - See the SHARP Summer Proposal for details. SHARP project ID #W01 - See the SHARP Winter Proposal for details. SHARP project ID #W12 - See the SHARP Winter Proposal for details.
WORKFLOW CHECKLIST TASK	DATE COMPLETED
Group overview in-house meeting to present work plan and desired deliverables	January 2017 - March 2017
Group overview field trip and technical analysis in-house	January 2017 - March 2017
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AGENCY SIDEBOARDS	None
DESIRED OUTSIDE PARTICIPANTS	Town of Mammoth Lakes, and Inyo National Forest.
ENVIRONMENTAL REVIEW	"SHARP Projects - NEPA" as submitted to USFS.
OTHER NOTES	None
PARTICIPANTS	2017 Participants: Joel Rathje, John Wentworth, Andrew Mulford, and Kelly Workman.