

JACKSON HOLE MOUNTAIN RESORT RECREATION ENHANCEMENTS PROJECT - 2023:

DETAILED PROJECT INFORMATION

Note: This information supplements the scoping letter's overview of each project category. Readers should begin with the scoping notice then consult this document if more specific information is desired. Project locations are shown on attached map.

CHAIR REPLACEMENT

1. SUBLETTE CHAIR REPLACEMENT

Purpose and Need

To upgrade and maintain aging infrastructure and better balance skier use across the mountain.

Action to Address the Need

Replace the existing Sublette fixed-grip chair with a new high-speed detachable four- or six-place chair in a slightly modified alignment. Capacity would be up to 2,200 persons per hour. Key features of the project:

1. The top terminal would be shifted south approximately 30 feet and lowered up to 30 feet in elevation.
2. The base terminal of the lift would be moved uphill approximately 70 feet and north approximately 20 feet to accommodate reconfiguration of the lift maze.
3. The wider lift and the terminal shifts would require tree removal to create a 40-foot-wide alignment about 3,700 feet long.
4. Hanging Rock run would be realigned to accommodate the new unload area elevation.
5. Excess material from the excavation of the new unload area would be placed below the lift and on Hanging Rock run to widen the trail and reduce its grade.
6. A new 16-foot-wide skier traverse to access Tensleep Bowl would be constructed, also using material excavated from the new unload area.
7. A new summer access road would be constructed within the limits of Hanging Rock run.
8. A 500-to-600-square-foot chair-parking and maintenance structure would be constructed adjacent to the bottom terminal.
9. A new patrol station and avalanche fencing to protect this new installation are proposed as associated elements of this project. See the Facilities and Miscellaneous Infrastructure sections for details.

Disturbance Area

Ground disturbance: Top terminal, 3.8 acres; bottom terminal, 1.5 acres; alignment (lift tower bases), 0.3 acre; total, 5.6 acres.

Percentage of disturbance area previously disturbed: top terminal, 30%; bottom terminal, 80%; alignment, 90%.

Equipment Used

Heavy excavating, earthmoving, and grading equipment. Spider hoes to excavate isolated tower bases. Helicopters to fly concrete and towers and to remove cut trees. Chainsaws to clear alignment. Some drilling and blasting.

Site Rehabilitation

Standard site rehabilitation, defined as:

Disturbed site rehabilitation at JHMR will be conducted in accordance with the resort's *Storm Water Pollution Prevention Plan (SWPPP)*, which was prepared and is implemented as a condition of completing development improvements at the resort under the Wyoming Pollutant Discharge Elimination System General Permit. The SWPPP, updated annually to address projects slated for implementation that year, includes: appropriate best management practices (BMPs) for erosion control, sediment control, and site stabilization; operational controls; and provisions for maintenance and inspection.

SKI RUN, TRAVERSE, AND TERRAIN PARK CONSTRUCTION AND MODIFICATIONS

2. ALTA CHUTES

Purpose and Need

Alta 1: Make the run more usable for a greater portion of the ski season, particularly in low snow conditions.
Alta 2/3/4: create more usable terrain to balance skier use across the mountain.

Action to Address the Need

Widen and upgrade the existing Alta Chutes and create a new 4th run using tree removal and rock blasting. Improve Alta 1 by removing (blasting) the large rock near the bottom of the chute that currently impedes skier flow. Minor tree limbing and removal in Alta 2. Remove several trees from the crux of Alta 3 and some blasting of high-point rocks. Construct Alta 4 east of Alta 3 by removing trees for an approximate run width of 60 feet.

Disturbance Area

Negligible surface disturbance.

Equipment Used

Alta 1: Pneumatic rock drills, blasting areas accessed by foot or helicopter. Spider hoe to bury any remaining rock chunks. Alta 2/3/4: trees removed by chainsaws with hand crews. Debris stacked and burned by hand or flown off with helicopter.

Site Rehabilitation

No needs beyond site clean-up.

3. NORTH HOBACK WOODS

Purpose and Need

Provide a groomable egress from the Hoback Entrance for skiers who traverse out to the start of the Hobacks and find themselves beyond their ability level.

Action to Address the Need

Create a new ski run in the north-facing forested area below the entrance traverse to the Hobacks. This north facing slope typically has good snow coverage. Trees would be removed for a width of approximately 140 feet.

Disturbance Area

No equipment disturbance on the ground.

Equipment Used

Felling trees with hand crews and chainsaws. Timber removed with helicopter. No equipment disturbance on the ground.

Site Rehabilitation

No needs beyond site clean-up.

4. UPPER SUNDANCE RUN REALIGNMENT

Purpose and Need

Correct severe cross slope that makes grooming difficult and results in low use by intermediate and advanced intermediate skiers.

Action to Address the Need

Realign run so it follows the natural fall line more closely. Widen the run on the skier's right above Amphitheater Traverse. Significant grading, blasting, and tree removal required.

Disturbance Area

Ground disturbance: 5.2 acres.

Percentage of disturbance area previously disturbed: 80%.

Equipment Used

Conventional earthmoving equipment (dozer, excavator), pneumatic drills for blasting, and tree removal by hand crews using chainsaws. Cut trees stacked and burned on site or removed by helicopter.

Site Rehabilitation

Standard site rehabilitation.

5. SLALOM RUN UPGRADE

Purpose and Need

Improve snow cover and increase utilization of this lower elevation run.

Action to Address the Need

Re-contour the run through grading and surface smoothing and install snowmaking infrastructure. A temporary 12-foot-wide, 600-foot-long access road would be required.

Disturbance Area

Ground disturbance: 9.5 acres.

Percentage of disturbance area previously disturbed: 100% of the area within an existing formal ski run. Approximately 80% has not been summer groomed (graded and re-shaped) but summer trails, existing utilities (primary power and domestic water) and tree clearing work has occurred within the run in the past. Temporary access road 100% within previously disturbed area.

Equipment Used

Conventional earthmoving equipment (dozer, excavator).

Site Rehabilitation

Standard site rehabilitation.

6. GROS VENTRE RUN UPGRADE

Purpose and Need

Improve snow cover and reduce the steepness and cross slope in the middle section of the existing Gros Ventre run above South Pass Traverse and below Lupine Way to increase skier utilization.

Action to Address the Need

Extensive grading and rock blasting to recontour run and install snowmaking infrastructure.

Disturbance Area

Ground disturbance: 9.8 acres.

Percentage of disturbance area previously disturbed: 90%.

Equipment Used

Conventional earthmoving equipment (dozer, excavator), pneumatic drills for blasting.

Site Rehabilitation

Standard site rehabilitation.

7. WERNER TRAIL WIDENING

Purpose and Need

Alleviate a pinch point that restricts circulation on this popular and important intermediate ski run.

Action to Address the Need

Widen a 180-foot section of the existing trail by approximately 20 feet by filling the existing depression that causes this constriction. A temporary 10-foot-wide, 600-foot-long access road from the existing Solitude Road will be required. The depression supports a wetland.

Disturbance Area

Ground disturbance: 1.6 acres.

Percentage of disturbance area previously disturbed: 100%.

Equipment Used

Conventional earthmoving equipment (dozer, excavator).

Site Rehabilitation

Standard site rehabilitation and any additional measures required by US Army Corps of Engineers permitting.

8. LOWER ASHLEY RIDGE UPGRADE

Purpose and Need

Provide a reliable alternative for skiers to get to the base of the resort bypassing the heavily utilized Werner trail and other areas of the Apres Vous pod. The trail is moderately steep with a rough surface.

Action to Address the Need

Widen the run by removing trees along the north side, grade and remove rocks on the entire run surface, and install snowmaking infrastructure. Install a culvert where a live stream crosses the lower section of the run and cover it with excess fill from grading. A 12-foot-wide, 600-foot-long temporary access road required.

Disturbance Area

Ground disturbance: 3.6 acres.

Percentage of disturbance area previously disturbed: 100% within existing groomed terrain and approximately 50% within existing ground disturbance area

Equipment Used

Conventional earthmoving equipment (dozer, excavator, haul trucks, compactor).

Site Rehabilitation

Standard site rehabilitation and any additional measures required by US Army Corps of Engineers permitting.

9. GRAND RUN UPGRADE

Purpose and Need

Improve this steep, narrow run with a cross slope where historically high skier densities have increased since replacement of Thunder lift.

Action to Address the Need

Reshape the upper section of the run to reduce the cross slope and overall steepness. A buried primary power line will be temporarily removed and reinstalled once all the finish grading is complete.

Disturbance Area

Ground disturbance: 2 acres.

Percentage of disturbance area previously disturbed: 100%.

Equipment Used

Conventional earthmoving equipment (dozer, excavator). Possible need for spider hoe due to steep slopes.

Site Rehabilitation

Standard site rehabilitation.

10.GONDOLA BASE AREA ACCESS TRAVERSE

Purpose and Need

Provide a groomable skier traverse along the south edge of the Special Use Permit between the Gros Ventre trail and the Eagle's Rest run in response to recent commercial development in Teton Village.

Action to Address the Need

Clear trees and grade a 30-foot-wide, 400-foot-long skier traverse at a consistent grade.

Disturbance Area

Ground disturbance: 0.3 acre.

Percentage of disturbance area previously disturbed: 20%.

Equipment Used

Conventional earthmoving equipment (dozer, excavator, trucks). Slash chipped or stacked and burned on site.

Site Rehabilitation

Standard site rehabilitation.

11.TOGWOTEE PASS TRAVERSE REALIGNMENT

Purpose and Need

Correct portions of the traverse that are too flat for snowboarders to negotiate and other portions that are too steep for mountain service and construction vehicles to safely travel in the summer.

Action to Address the Need

Realign the traverse/service road to achieve a more uniform, 16-foot-wide, 600-foot-long surface with roughly 10 percent grade through tree removal, blasting, and grading.

Disturbance Area

Ground disturbance: 2 acres.

Percentage of disturbance area previously disturbed: 75%.

Equipment Used

Conventional earthmoving equipment (dozer, excavator), pneumatic drills for blasting, and tree removal by hand crews using chainsaws. Cut trees stacked and burned on site or removed by helicopter.

Site Rehabilitation

Standard site rehabilitation.

12.CIRQUE TRAVERSE UPGRADE

Purpose and Need

Increase visitor and staff safety by repairing a slumping section of this traverse and providing improved ski patrol access to the Headwall for avalanche control work.

Action to Address the Need

Stabilize the slumping traverse section using soil nails or some alternative stabilization technology. Improve ski patrol access by through tree removal and grading to create a safer route to Pepi's Bench.

Disturbance Area

Ground disturbance: 0.75 acre.

Percentage of disturbance area previously disturbed: 50%.

Equipment Used

Conventional earthmoving equipment (dozer, excavator). More specialized equipment (spider hoe, tracked drill). Will likely need mechanical fasteners (gabion baskets, rock anchors, micropiles).

Site Rehabilitation

Standard site rehabilitation.

13. STASH PARK UPGRADES

Purpose and Need

Provide terrain and features for park skiers and riders of all skill levels.

Action to Address the Need

Maintain existing man-made features at Antelope Flats stash park and construct new features at Ashley Ridge stash park. Features may be permanent or removed in summer. Construction involves removal of some trees and limited grading to level sites and establish approaches and run outs.

Disturbance Area

Ground disturbance: 1.5 acres.

Percentage of disturbance area previously disturbed: 33%.

Equipment Used

Mini-excavator, chainsaws, and hand crews. Slash chipped or stacked and burned on site.

Site Rehabilitation

Standard site rehabilitation.

14. TERRAIN PARKS SUMMER GRADING

Purpose and Need

Provide terrain and features for park skiers and riders of all skill levels and conserve water and energy use for snowmaking.

Action to Address the Need

Contour the terrain on existing Antelope Flats run and Bronco/Teewinot to facilitate terrain park construction by placing fill material strategically to create bases for winter snow features. Bases would be about 40 to 50 feet wide and 20 feet tall. Temporary access roads averaging 20 feet wide and 200 feet long to the fill sites would be required during construction and then removed and reclaimed.

Disturbance Area

Ground disturbance: 4.7 acres.

Percentage of disturbance area previously disturbed: 80%.

Equipment Used

Conventional earthmoving equipment (dozer, excavator, trucks).

Site Rehabilitation

Standard site rehabilitation.

15. UNION PASS TRAVERSE SNOWMAKING

Purpose and Need

Provide reliable snow cover on this low-elevation traverse that is necessary to keep the Hoback and Lower Faces terrain above it open and that supports significant skier traffic.

Action to Address the Need

Expand the snowmaking system from existing lines in the Lower Tram Line run out to the start of the Union Pass Traverse and down to the bottom of the Union Pass lift.

Disturbance Area

Ground disturbance: 4.6 acres.

Percentage of disturbance area previously disturbed: 100%

Equipment Used

Conventional earthmoving equipment (dozer, excavator, trucks).

Site Rehabilitation

Standard site rehabilitation.

CONSTRUCTION AND MODIFICATION OF VISITOR-SERVICE FACILITIES

16. SUBLETTE PATROL STATION

Purpose and Need

Replace ski patrol station eliminated by construction of the new Sublette lift top terminal.

Action to Address the Need

Construct a structure of approximately the same size (400 square feet) adjacent to the top terminal. Match the form and finish of the existing structure or that of the current patrol station at the top of Teton lift.

Disturbance Area

Ground disturbance: Included in footprint of new terminal.

Percentage of disturbance area previously disturbed: 100%

Equipment Used

Crane, forklift, typical framing and structure construction equipment and materials.

Site Rehabilitation

Standard site rehabilitation.

17. BEAR FLATS CAFÉ EXPANSION

Purpose and Need

Relocation of this structure was authorized in the [Decision Notice prepared for the 2017 EA](#). Use is forecast to increase, requiring upsizing the relocated facility.

Action to Address the Need

Expand the facility by up to 800 square feet, adding approximately 53 more indoor seats, and expand the deck by up to 1,200 square feet, with seating for up to 60 more people. Add a windscreen to the front and side of the existing covered deck. Addition would be wood framed building and match the look and color of the existing café. The existing non-water restrooms located approximately 70 feet downhill would serve the upgraded facility.

Disturbance Area

Ground disturbance: 0.5 acre of additional disturbance.

Percentage of disturbance area previously disturbed: 100%.

Equipment Used

Conventional earthmoving equipment (dozer, excavator), crane, forklift, typical framing and structure construction equipment and materials.

Site Rehabilitation

Standard site rehabilitation.

18. RENDEZVOUS LODGE ADDITION

Purpose and Need

Provide additional storage to support food and beverage operations in existing building to meet increasing demand.

Action to Address the Need

Add a 400-square-foot second story over the existing single-story section of the building located between the lodge and the gondola cabin storage facility, constructed to match the existing architecture with the same look and color. No new restaurant seating. Access from the second level of the lodge kitchen area.

Disturbance Area

Ground disturbance: None.

Percentage of disturbance area previously disturbed: NA

Equipment Used

Crane, forklift, typical framing and structure construction equipment and materials.

Site Rehabilitation

Not needed.

19. RENDEZVOUS EVENT SITE UPGRADE

Purpose and Need

Respond to increasing demand for outdoor events at Rendezvous Lodge.

Action to Address the Need

Create a larger, more permanent event site by installing hardscape (flagstone pavers and walkways) and an enclosure to be used as a focal point. Regrade an area uphill of the enclosure to accommodate the use of folding chairs.

Disturbance Area

Ground disturbance: 0.3 acre.

Percentage of disturbance area previously disturbed: 100%.

Equipment Used

Conventional earthmoving equipment (dozer, excavator).

Site Rehabilitation

Standard site rehabilitation.

20. CASPER EVENT SITE

Purpose and Need

Respond to increasing demand for outdoor events and provide an alternative/redundant capacity to Rendezvous Lodge.

Action to Address the Need

Grade an area above the Sweetwater Gondola top terminal near the existing Casper Restaurant to make a flat amphitheater type location. Construct a 10-foot-wide, 150-foot-long access road to serve the site.

Disturbance Area

Ground disturbance: 0.75 acre.

Percentage of disturbance area previously disturbed: 100%.

Equipment Used

Conventional earthmoving equipment (dozer, excavator).

Site Rehabilitation

Standard site rehabilitation.

DEVELOPMENT OF NEW SUMMER RECREATION OPPORTUNITIES

21. PARADISE LOST MULTI-USE TRAIL

Purpose and Need

Meet expressed demand for more hiking and biking trails and utilize existing infrastructure to efficiently provide year-round recreation. Improve safety by providing more options to using summer roads that have heavy equipment and truck traffic supporting maintenance and development projects.

Action to Address the Need

Construct a new multi-use trail starting at the upper section of the existing Hoback summer trail below the Gros Ventre pump house and traversing back across the Lower Faces, up the lower area of both Laramie and Cheyenne bowls and then up Rendezvous Trail to the bottom of Rendezvous Bowl to connect with the existing Rock Springs Loop trail. From there users can hike up several existing hiking trails or the summer access road to the top of the Tram. The 4.6-mile trail would have a 24-inch tread.

Disturbance Area

Ground disturbance: 3.3 acres.

Percentage of disturbance area previously disturbed: 10%

Equipment Used

Mini-excavator or trail dozer.

Site Rehabilitation

Standard site rehabilitation.

22. WILDFLOWER SPUR HIKING TRAIL

Purpose and Need

Provide an alternative Wildflower hiking trail that would allow the existing trail to remain open when both the Gros Ventre and Upper Sundance ski runs are being upgraded.

Action to Address the Need

Construct a new hiking trail starting where the existing Wildflower trail crosses the Easy-Does-It run, ascending Campground run and connecting back to Wildflower at the edge of Casper Bowl. The 0.5-mile trail would have a 24-inch tread. This trail would remain and be used after the ski run work is complete.

Disturbance Area

Ground disturbance: 0.2 acre.

Percentage of disturbance area previously disturbed: 0%.

Equipment Used

Hand tools.

Site Rehabilitation

Standard site rehabilitation.

23. ELK ALLEY HIKING TRAIL

Purpose and Need

Provide an alternative Wildflower trail that would allow the existing trail to remain open when Slalom run and other lower mountain trails are being upgraded.

Action to Address the Need

Construct a new hiking trail starting near the top of the Union Pass lift and proceeding uphill through the Elk Alley run and along the skiers' right of Tram Line to eventually connect with the Hoback trail south of Dick's Ditch. The 0.5-mile trail would have a 24-inch tread. This trail would remain and be used after the ski run work is complete.

Disturbance Area

Ground disturbance: 0.2 acre.

Percentage of disturbance area previously disturbed: 15%.

Equipment Used

Hand tools.

Site Rehabilitation

Standard site rehabilitation.

24. WILDFLOWER-SOLITUDE ACCESS HIKING TRAIL

Purpose and Need

Provide hiking access to/from Solitude Station, as there is currently no hiking-trail access to the facility from existing trails. The 0.6-mile trail would have a 24-inch tread.

Action to Address the Need

Construct a new trail that connects from the Valley Trail outside the Mountain Operations Building up to Solitude Station and from there up to the Wildflower Trail on Lower Sundance run.

Disturbance Area

Ground disturbance: 0.3 acre.

Percentage of disturbance area previously disturbed: 60%

Equipment Used

Hand tools.

Site Rehabilitation

Standard site rehabilitation.

25. FAR DRIFT MULTI-USE TRAIL

Purpose and Need

Improve visitor experience and safety by providing looped-trail hiking/biking options from the top of the Tram that do not involve service roads used by maintenance and construction vehicles.

Action to Address the Need

Construct a new multi-use trail starting near Corbet's Cabin, paralleling the existing service road south along the ridge to the Cody Bowl trail network, then switchbacking down Rendezvous Bowl to tie into the existing Rock Springs Loop trail at the bottom of the bowl. The 1.6-mile trail would have a 24-inch tread.

Disturbance Area

Ground disturbance: 0.8 acre.

Percentage of disturbance area previously disturbed: 5%.

Equipment Used

Hand tools and mini-excavator or trail dozer.

Site Rehabilitation

Standard site rehabilitation.

26. JACKSON WOODS DOWNHILL TRAIL

Purpose and Need

Meet expressed demand for more downhill mountain biking trails and utilize existing infrastructure to efficiently provide year-round recreation.

Action to Address the Need

Construct a new downhill mountain bike trail starting near the base of the Casper chairlift and winding down through the woods north of Jackson Face to connect with the existing bike park trail network near the top of the Eagle's Rest lift. The 1.1-mile trail would have an average tread width of 48 inches.

Disturbance Area

Ground disturbance: 0.8 acre.

Percentage of disturbance area previously disturbed: 0%.

Equipment Used

Hand tools and mini-excavator or trail dozer.

Site Rehabilitation

Standard site rehabilitation.

27. BEAVER TOOTH/ ASHLEY DOWNHILL TRAIL

Purpose and Need

Meet expressed demand for more downhill mountain biking trails and utilize existing infrastructure to efficiently provide year-round recreation.

Action to Address the Need

Construct another intermediate downhill mountain bike trail served by the Sweetwater gondola, branching off the Jackson Face downhill trail and traversing across the Beaver Tooth gully and the Ashley Ridge terrain below South Pass Traverse then connecting to the existing bike park trail network near the top of the Teewinot lift. The 0.9-mile trail would have an average 48-inch tread.

Disturbance Area

Ground disturbance: 0.65 acre.

Percentage of disturbance area previously disturbed: 0%

Equipment Used

Hand tools and mini-excavator or trail dozer.

Site Rehabilitation

Standard site rehabilitation.

28. ELEVATED WALKWAY

Purpose and Need

Increase the range of summer recreational activities for a more diverse recreational product, visitor engagement, and visitor education.

Action to Address the Need

Construct an above-ground walkway made of wood and netting, with educational and interpretive components, suspended on poles or columns, starting adjacent to the Solitude Restaurant and terminating at the base of the Drop Tower. The alignment would be between Lower Werner and Antelope Flats trails, in and above the aspen tree island. The walkway would be about 1,200 feet long and 15 to 30 feet above ground, with a tread width of 60 inches.

Disturbance Area

Ground disturbance: 0.3 acre.

Percentage of disturbance area previously disturbed: 0%.

Equipment Used

Excavator, forklifts or cranes.

Site Rehabilitation

Standard site rehabilitation.

29. BALL TRACK

Purpose and Need

Increase the range of summer recreational activities for a more diverse recreational product, offering more summer amenities geared to younger children.

Action to Address the Need

Construct a "ball track" installation about 500- feet long, starting at the Drop Tower and terminating near the base of the Sweetwater Gondola. The track would be fabricated from wood, standing above ground level by several feet, anchored by ground pins. Wooden balls would be released at the top to roll in zig-zag fashion down the hill while users follow along on an adjacent path. The path would be hand constructed and not exceed 24 inches in tread width. The track would be removed during winter operations.

Disturbance Area

Ground disturbance: 0.1 acre.

Percentage of disturbance area previously disturbed: 0%.

Equipment Used

Mini-excavator and forklift, typical framing and structure construction equipment and materials

Site Rehabilitation

Standard site rehabilitation.

30. SUMMIT VIEWING PLATFORM

Purpose and Need

Increase the range of summer recreational activities for a more diverse recreational product, improving the quality of experience at the top of the Tram.

Action to Address the Need

Construct an additional viewing platform at the summit above the top Tram station as a gathering area and a component of the interpretive hiking/signage experience. The platform is conceived to be non-permanent, utilizing a “pin to rock” system to provide stability with easy removal. The platform would be about 1,200 square feet and would have all necessary steps/railings to comply with applicable codes.

Disturbance Area

Ground disturbance: 0.25 acre.

Percentage of disturbance area previously disturbed: 80%

Equipment Used

Excavator, forklift/crane, pneumatic drill.

Site Rehabilitation

Standard site rehabilitation.

31. VIA FERRATA ADDITIONAL ROUTES AND REPELLING STATIONS

Purpose and Need

Increase the range of summer recreational activities for a more diverse recreational product, building on popularity of existing via ferrata installations.

Action to Address the Need

Construct guided rock climbing routes equipped with fixed cables and metal steps that allow visitors to safely experience basic rock climbing. New routes with varied difficulty levels would be installed in Casper Bowl, the Tram Tower 4 cliffs, and in the Corbet’s Couloir area. Five routes of varying lengths are anticipated at each of these three locations. Several cable bridges/ladders would be built in these three locations, as well as sites to teach/practice repelling.

New hiking paths would be constructed to allow access to the start of each route and to provide a way for climbers to return to the beginning of the course from the top of each route. These new trails would connect to the existing hiking trail network. An estimated 0.75 miles of trails with 24-inch tread width would be constructed.

Disturbance Area

Ground disturbance: 0.4 acre.

Percentage of disturbance area previously disturbed: 0%.

Equipment Used

Hand tools, pneumatic drill.

Site Rehabilitation

Standard site rehabilitation.

FUELS REDUCTION

32. FUELS REDUCTION AT WILDLAND-URBAN INTERFACE

Purpose and Need

Reduce the risks of wildfire in the permit area damaging base-area development and of fire spreading from base-area sources into adjacent permit-area forest.

Action to Address the Need

Reduce fuel loading by removing dead/dying trees and deadfall and by thinning underbrush within 200 feet of the permit boundary adjacent to base-area development. Work would be consistent with County wildland urban interface code and would be planned and overseen by Forest Service specialists. Slash would be chipped or stacked and burned on site or hauled for off-site processing.

Disturbance Area

Ground disturbance: 13 acres.

Percentage of disturbance area previously disturbed: 0%

Equipment Used

Forestry equipment: fellers, masticators, tracked bobcats, chainsaws, and hand tools.

Site Rehabilitation

Standard site rehabilitation.

AVALANCHE CONTROL

33. EXPLOSIVES TROLLEYS

Purpose and Need

Complete safe and effective avalanche hazard reduction efforts involving starting zones formerly targeted by military artillery or Avalaunchers.

Action to Address the Need

Install trolleys that allow explosive charges to be suspended from a cable, moved over starting zones, and detonated to release avalanches. Trolleys consist of 12-to-15-foot-tall towers on 36-inch-square footings connected by cable loops several hundred feet long. Trolleys would be installed in Craggs, Casper, and Cheyenne bowls, the top of the Expert Chutes, and the Moran Face. Excavation for the foundations for the towers would be dug by hand or by spider excavator, and the premanufactured towers would be flown into place by helicopter.

Disturbance Area

Ground disturbance: 0.1 acre.

Percentage of disturbance area previously disturbed: 0%.

Equipment Used

Spider excavator, helicopter, and hand tools.

Site Rehabilitation

No needs beyond site clean-up.

34. AVALANCHE EXPLODERS

Purpose and Need

Reduce exposure of ski patrollers during avalanche hazard reduction efforts.

Action to Address the Need

Install an avalanche exploder above the “Smoker’s Slide” starting zone above Rendezvous Lodge. The exploder would be a permanent single 12-to-15-foot-tall tower structure containing a mechanism for directing a gas detonation onto the snow surface. The 36-inch-square foundation for the structure would be dug by hand. The exploder would have gas lines running to it from the base of the slope, buried or pinned to the rock.

Disturbance Area

Ground disturbance: Negligible.

Percentage of disturbance area previously disturbed: 0%

Equipment Used

Excavation by hand or spider hoe, concrete and components flown in by helicopter.

Site Rehabilitation

No needs beyond site clean-up.

35. AVALANCHE CONTROL FENCING

Purpose and Need

To protect the top terminal of the new Sublette chair from avalanche damage, as slides have hit the site in the past.

Action to Address the Need

Install approximately 600 linear feet of permanent avalanche fencing on the East Ridge above the top terminal of Sublette lift.

Disturbance Area

Ground disturbance: 0.1 acre.

Percentage of disturbance area previously disturbed: 0%

Equipment Used

Spider hoe for excavation/drilling of anchors, helicopter for supply of materials.

Site Rehabilitation

Standard site rehabilitation.

MAP PROJECT LIST:

LIFTS:
1. SUBLETTE LIFT REPLACEMENT

SKI RUNS/TRAVERSES/TERRAIN PARKS:

- 2. ALTA CHUTES
- 3. NORTH HOBACK WOODS
- 4. UPPER SUNDANCE RUN REALIGNMENT
- 5. SLALOM RUN SUMMER GROOM
- 6. GROS VENTRE RUN UPGRADE
- 7. WERNER TRAIL WIDENING
- 8. LOWER ASHELY RIDGE UPGRADE
- 9. GRAND RUN UPGRADE
- 10. GONDOLA BASE AREA ACCESS TRAVERSE
- 11. TOGWOTEE PASS TRAVERSE REALIGNMENT
- 12. CIRQUE TRAVERSE UPGRADE
- 13. STASH PARK UPGRADES
- 14. TERRAIN PARKS SUMMER GRADING
- 15. UNION PASS TRAVERSE SNOWMAKING

SKIER SERVICE FACILITIES:

- 16. SUBLETTE PATROL STATION
- 17. BEAR FLATS CAFE EXPANSION
- 18. RENDEZVOUS LODGE ADDITION
- 19. RENDEZVOUS EVENT SITE UPGRADE
- 20. CASPER EVENT SITE

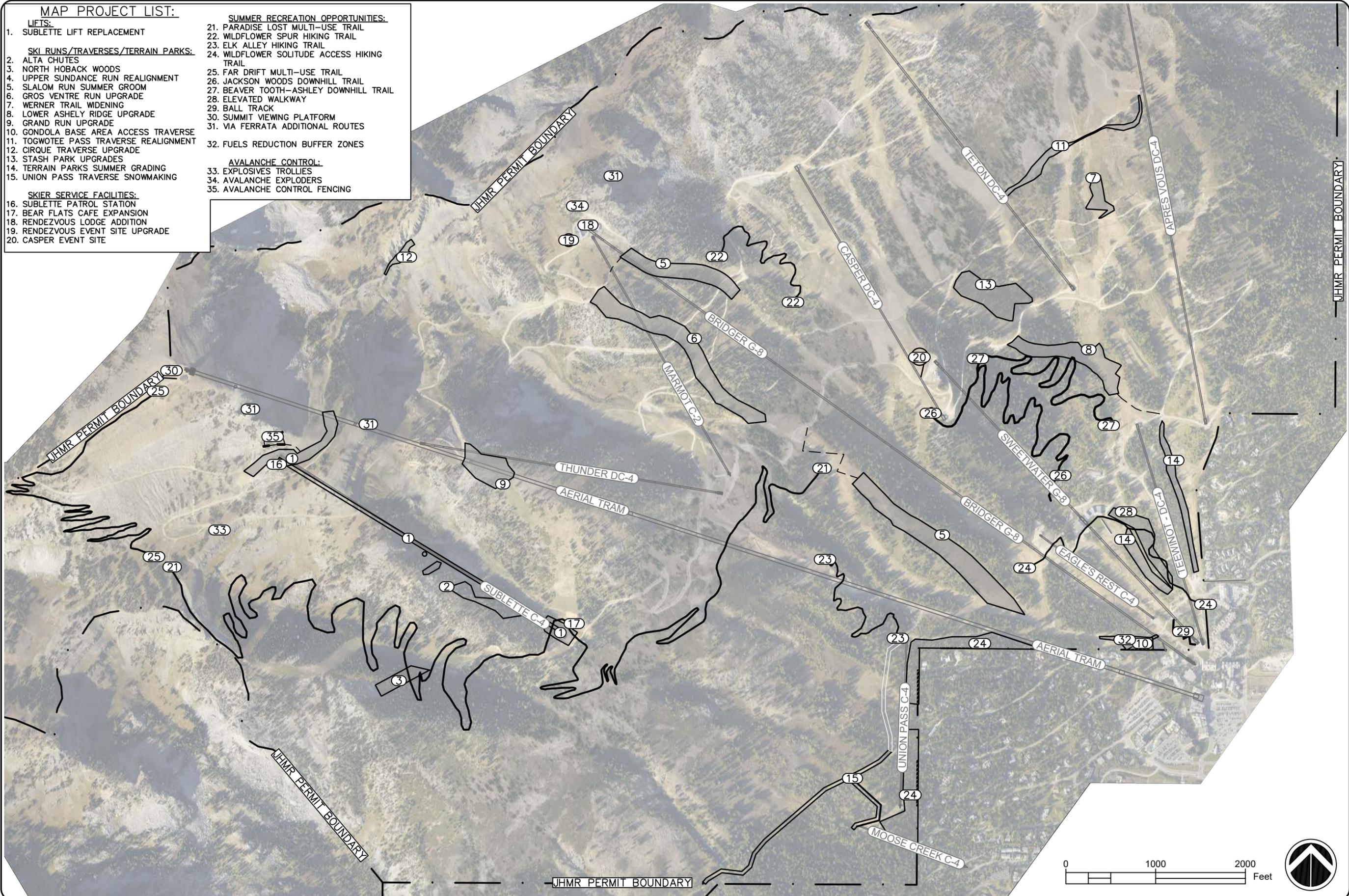
SUMMER RECREATION OPPORTUNITIES:

- 21. PARADISE LOST MULTI-USE TRAIL
- 22. WILDFLOWER SPUR HIKING TRAIL
- 23. ELK ALLEY HIKING TRAIL
- 24. WILDFLOWER SOLITUDE ACCESS HIKING TRAIL
- 25. FAR DRIFT MULTI-USE TRAIL
- 26. JACKSON WOODS DOWNHILL TRAIL
- 27. BEAVER TOOTH-ASHLEY DOWNHILL TRAIL
- 28. ELEVATED WALKWAY
- 29. BALL TRACK
- 30. SUMMIT VIEWING PLATFORM
- 31. VIA FERRATA ADDITIONAL ROUTES

32. FUELS REDUCTION BUFFER ZONES

AVALANCHE CONTROL:

- 33. EXPLOSIVES TROLLIES
- 34. AVALANCHE EXPLODERS
- 35. AVALANCHE CONTROL FENCING



ORIGINAL SIZE = 11" x 17"



PREPARED FOR: JACKSON HOLE MOUNTAIN RESORT

OVERVIEW MAP

PROPOSED MOUNTAIN PROJECTS

2023 - ENVIRONMENTAL ASSESSMENT

TETON COUNTY WYOMING

SCALE: 1" = 1000'

DATE: 06/26/23

SHEET: 1 OF 1

WG: 5900-6001

