

ACTIONS COMMON TO ALL ALTERNATIVES

This section contains a description of actions that would occur regardless of the alternative chosen. The actions include commercial services that remain the same, regardless of the alternatives.

OPERATING DATES FOR SIX DEVELOPED AREAS

Under all of the action alternatives, a new range of operating dates are proposed. Table 2-1 Typical and Proposed Operating Dates for Concession Facilities shows the typical and proposed range of operating dates for concession facilities at each developed area. The typical dates were determined by using an average of opening and closing dates over the last ten years.

TABLE 2-1 TYPICAL AND PROPOSED OPERATING DATES FOR CONCESSION FACILITIES

Developed Area	Typical Operating Dates	Proposed Operating Dates	Change in Weeks
Rising Sun	6/10 – 9/17	3 rd week in May – end of Sept.	5 weeks
Many Glacier	6/7 – 9/15	Beginning of June – 3 rd week in Sept.	2 weeks
Swiftcurrent	6/12 – 9/15	Beginning of June – 3 rd week in Sept.	3 weeks
Two Medicine	5/30 – 9/9	3 rd week in May – end of Sept.	4 weeks
Apgar	5/22 – 9/26	Beginning of May – end of October	8 weeks
Lake McDonald	5/31 – 9/29	Mid May – 3 rd week in October	5 weeks

The proposed ranges of dates are the outside dates that the concession facilities could operate. Facility condition, funding, wildlife activity, staffing and weather may require a shorter operating seasons and would be determined on a year-to-year basis within these time frames. None of these dates apply to services that are independent of facilities, such as road-based tours, day hiking, etc.

The operating dates for Granite Park and Sperry Chalet would continue to occur between July 1 and mid-September, depending on weather, etc.

OPERATING PLANS

Appropriate operating conditions and requirements that address potential resource issues would be developed for each authorized service.

INTERPRETATION AND ORIENTATION STANDARDS AT DEVELOPED AREAS

Orientation to the area and interpretation opportunities would be improved at each of the developed areas. These services would include improved signage, interpretive displays and/or interactive interpretation.

MINORITY HIRING

The National Park Service would continue to encourage concessioners to recruit and hire minority employees including Blackfeet, and Salish and Kootenai Tribe members.

UTILITIES AT DEVELOPED AREAS

Utility systems to service the developed areas would continue to be provided under federal and state regulations. Improvements to these systems might be necessary to support existing and proposed facilities and would continue as funding allows. Utility improvements are not analyzed in this document. Separate compliance would be needed.

BOAT RENTALS

Small boat rentals would continue to be provided by the boat tour concessioner at Two Medicine and Swiftcurrent Lakes, and Lake McDonald. The boat tour concessioner would provide rental of fishing equipment at its existing facilities.

GUIDED BACKPACKING SERVICES

Commercially guided backpacking services would continue to be provided parkwide. Group size, locations for overnight camping, and number of backcountry permits issued per season would continue to be limited and regulated by a National Park Service operating plan. No guided off-trail hiking or climbing would be allowed. Trips could continue to occur in all management areas and across all zones, although campsites would be located only in the backcountry zones. Services would continue to be subject to restrictions already in effect for the North Fork management area identified in the 1999 General Management Plan (NPS 1999). No administrative facilities would be provided in the park.

No other alternatives are considered for this service. Backcountry campsites are limited and allocation of a larger percentage of these sites to commercially guided trips would further restrict the sites available to visitors without a guide.

EQUIPMENT RENTAL, CHILD CARE AND COMMERCIAL ENTERTAINMENT

These services would be accommodated within existing facilities at the developed areas based on the prescriptions and standards.

SPERRY CHALET

Sperry Chalet would continue to provide private overnight guest accommodations with full services (accommodations, bedding, meals and housekeeping services) and housing for up to eight employees. The chalet would continue to be accessible by foot or horse traffic only. The 1993 plan for the chalet has been implemented and because no issues or concerns were raised during scoping, no alternatives are considered.

GUIDED RAFTING

Commercially guided rafting would continue to be provided on the Middle and North Forks of the Flathead River under the conditions of a permit issued by the U.S. Forest Service under the authority of the Wild and Scenic River Act. Overnight camping is not permitted inside the park as part of these trips. No facilities are currently provided in the park. No other alternatives are considered for this activity because the management and permitting of these operations are under the jurisdiction of the U.S. Forest Service.

EMERGENCY ROAD SERVICES

Private service providers outside the park would continue to provide emergency road services in the visitor service and rustic zones in the park. The park would continue to maintain a list of eligible operators and, if no request were made for a particular operator, operators would continue to be called on a rotational basis to provide service. No administrative facilities would be provided in the park. No other alternatives are considered for this service due to complications arising from agreements that organizations such as automobile clubs and rental car companies have with particular vendors.

GUIDED CROSS-COUNTRY SKIING/SNOWSHOEING

Commercially guided cross-country skiing and snowshoeing services would continue to be provided in all management areas and across all zones with the exception of the North Fork management area, where these services could continue to be provided only along the visitor service zone. Activities would take place between November 20 and May 1. Client-to-guide ratio and group size limits would continue to be determined by a permit. Guided activities would continue to include day and overnight trips. Camping permits would continue to be required. No administrative facilities would be provided in the park.

No other alternatives are being considered because the current and anticipated demand and associated impacts from this activity are not sufficient to warrant further opportunities at this time.

GUIDED PHOTOGRAPHY AND ART SEMINARS

Commercially guided photography and art seminars would continue to be provided across all zones in all management areas of the park except the North Fork area. Services in the North Fork visitor service zone would continue to be limited to the area south of the Camas Road. No off-trail activities would be permitted. No administrative facilities would be provided in the park.

No other alternatives are considered for this activity because the current and anticipated demand for this service, as well as the impacts associated with the service, are low.

CATERED MEAL SERVICES

Commercially catered meals would continue to be provided in designated picnic areas for special events, groups, or meetings under the conditions of a special use permit or in concession-operated facilities by an authorized concessioner.

No other alternatives are being considered for this type of meal service because no alternatives exist.

MITIGATION

The following is a list of mitigation measures that would be adhered to during construction and/or operation of the commercial services as appropriate. These measures are in addition to any state or local requirements, and federal, state and local permits and conditions associated with those permits.



- **Water Quality**

The following mitigation measures would be applied to protect water quality.

- Silt fences, sedimentation basins, turbidity barriers, etc. would be used in construction areas near water to reduce erosion and discharge to water bodies.
- Hazardous waste materials would be removed immediately from project sites.
- Construction debris would be placed in refuse containers daily and would be

disposed of weekly.

- Volatile wastes and oils would be disposed of in approved containers for removal from construction sites to avoid contamination of water bodies.
- A hazardous spills plan would be developed prior to any construction, and absorbent pads, booms and other materials would be kept on site during projects that use heavy equipment in order to contain oil, hydraulic fluid, solvents and hazardous material spills.
- Water conservation measures would continue.

- **Soils**

- Silt fences would be erected in construction areas to reduce erosion and surface scouring.
- Volatile wastes and oils would be disposed of in approved containers for removal from construction sites to avoid contamination of soils.
- A hazardous spills plan would be developed prior to any construction, and absorbent pads, booms and other materials would be kept on site during projects that use heavy equipment in order to contain oil, hydraulic fluid, solvents and hazardous material spills.
- Topsoil would be conserved from all construction activities. Soil-stabilizing matting would be used to prevent erosion before revegetation.
- Construction, demolition and development activities would be scheduled if possible to occur when effects on soil compaction and erosion would be minimized.
- Trail conditions would be monitored and horse access controlled to minimize impacts.
- Seasonal trail closures may be implemented to reduce or eliminate soil erosion resulting from earlier use of trails.

- **Vegetation**

- Revegetation plans using native species would be developed for disturbed areas. Monitoring would ensure successful revegetation. Landscaping would be compliant with the park's interim genetic guidelines for restoration projects and native species would be used in all new landscaping.
- Noxious weed abatement would be implemented prior to construction.
- Base course and fill materials would be selected for compatibility with native soils to minimize the risk of introducing non-native plant seeds.
- Construction operations would be confined to specified project work limits by temporary barriers or flagging.
- If possible, construction would be scheduled when effects on vegetation would be minimized, such as during particular seasons.
- All horse concessioners would be required to feed their stock certified, noxious seed-free hay and summer pasture their stock in noxious weed-free areas.
- Seasonal trail closures may be implemented to reduce or eliminate vegetation damage resulting from earlier use of trails.

- To protect slender moonwort (*Botrychium lineare*) from being destroyed by road maintenance operations, mitigation measures will include 1) pushing snow and gravel off to the opposite side of the road along stretches where populations are known to occur, and 2) delaying roadside mowing until mid-July, by which time plants are past their growing season and no damage should occur to the belowground portion of the plants (mower blades should be set at least 4” above the ground); 3) no broadcast weed spraying would occur along this section of the road and only selective herbicides would be used; 4) a consistent communication plan would be developed to ensure that crews on the ground each year are aware of the issues and where the populations are located.
- **Wildlife**
 - Construction, demolition and development activities would be scheduled when effects on wildlife would be minimized, such as during particular seasons or times of the day.
 - Routes of escape from excavated pits and trenches would be maintained for animals that might fall in, and appropriate actions would be taken to free animals caught in excavations.
 - Concessioner guides would be trained in safety and proper behavior around wildlife to protect wildlife from habituation.
 - Construction areas would be kept clean and refuse would be disposed of regularly to reduce wildlife contact with refuse or hazardous materials.
 - Wildlife activity would be monitored during construction.
 - Seasonal trail and area closures may occur to reduce adverse impacts to wildlife from offering visitor services earlier in some areas and closing them later in the fall season.
- **Natural Sound**
 - Construction activities would be scheduled to minimize noise impacts.
- **Air Quality**
 - Best-available clean fuel technology would be used to minimize emissions.
 - Dust abatement measures would be implemented and would include watering or otherwise stabilizing soils, covering haul trucks, employing speed limits on unpaved roads, minimizing vegetation clearing and revegetating disturbed areas.
- **Historic Resources**
 - Rehabilitation, modern facilities and new development would follow “The Secretary of the Interior’s Standards for the Treatment of Historic Properties” (Secretary of the Interior 1995). Consultation with the State Historic Preservation Office would be ongoing as required by Section 106 of the National Historic Preservation Act.
- **Archeological and Ethnographic Resources**
 - Archeological surveys would be conducted in unsurveyed areas.
 - If archeological resources were discovered during construction, activities at those specific sites would cease and appropriate measures would be taken to evaluate the significance of the resources.
- **Scenic/Visual Resources**
 - Building materials would be sustainable and visually compatible with the landscape or the historic district.
 - Vegetative screening would be provided where applicable and consistent with cultural landscapes.

- **Energy Consumption**

- Energy consumption would be mitigated by applying energy conserving technologies in the design of new facilities. Sustainable and energy efficient building materials and sustainable components, as well as best-available fuel technology would be used during construction.

ALTERNATIVES AND IDEAS CONSIDERED BUT REJECTED

A variety of concepts and specific ideas for site improvements and commercial services were considered during the planning process, but were eliminated from further consideration due to resource concerns, physical constraints of the sites, financial feasibility, and ability to meet necessary and appropriate criteria.

Alternatives and previous plans considered but rejected. Development concept plans and environmental assessments were completed during the late 1980s and early 1990s for most of the developed areas, including:

- Apgar Village (1981/82)
- Lake McDonald Lodge (1986 with update in 1991)
- Rising Sun (1986)
- Swiftcurrent (1986)
- Many Glacier (1986)

These development concept plans were reviewed and although some of the issues addressed in these plans are still relevant, many are no longer valid. Additionally, the scope of this *Draft CSP and Draft EIS* encompasses many issues that were not addressed in the prior planning studies. However, where applicable, components of previous development proposals were incorporated into the conceptual site development alternatives presented.

Housing all concession employees outside of the park. This idea was rejected because temporary housing outside the park is limited on the east and west sides of the park. Concessioners would be required to purchase land and construct housing and/or lease property, which was determined to be financially infeasible. Furthermore, housing most, if not all employees outside the park raised concerns about the economics and logistics of providing transportation for employees from those areas to work sites inside the park, causing additional traffic on the roads and the need for additional parking.

Alternative employee housing. An alternative form of employee housing was explored. Trailer pads and hook-ups would be supplied for employees who supply their own recreational vehicle housing, allowing concessioners to benefit from a more diverse employee labor pool. This idea was rejected for the west side of the park because arrangements could be made with several commercial campgrounds in the vicinity of the park. On the east side of the park, there are also some options for this type of accommodation outside the park and no suitable area inside the park could be located that did not adversely impact viewsheds, wildlife habitat or other sensitive resources.

Constructing a third story on the Village Inn in Apgar Village. This idea was rejected because adding a third story would increase the inn's visibility on the shore of Lake McDonald. It would also be an inconsistent design element in the Apgar Village.

Providing overnight lodging for the public in existing structures at the Two Medicine developed area. This idea was rejected because of the small size of the Two Medicine General Store (previously a dining hall) and the financial limitations of operating a small overnight facility.

Providing additional concessioner employee housing at Packer's East in the Many Glacier developed area. This idea was rejected due to the limitation of suitable land, visual impacts from the main road and potential impacts to wildlife and travel corridors. Housing employees at this site would require a parking and/or a transportation system of some kind to transport employees to the work sites, increasing operational costs.

Guided sea-kayaking classes. This idea was rejected because this type of technique- or skills-based instructional course fails to meet the criteria for a "necessary" commercial activity. Sea kayaks could be rented by the small boat rental concession, or individuals could bring their own kayaks and undertake this activity on their own. A commercially guided activity of this nature is not considered necessary for park visitors.

Commercially Operated Campgrounds. Although two campgrounds (Fish Creek and St. Mary) have a commercially operated reservations system as part of a nationwide National Park Service contract, conversion of the remainder of the campgrounds to commercial operations was considered but rejected at this time. The park currently uses a significant portion of its campground receipts to fund park rehabilitation projects and fee collection activities. It is not to the park's advantage at this time to lose that source of revenue. At some point in the future, the National Park Service's servicewide requirements or financial need may require reconsideration of this service.

The following commercial activities or services were considered during scoping. These activities are prohibited in Glacier National Park by regulation or policy.

- Ballooning (take-off or landing)
- Base jumping
- Commercial fishing
- Gambling
- Hang gliding
- Heli-hiking
- Heli-skiing
- Hunting
- Jet skiing
- Parasailing
- Snowmobiling
- Fish stocking

The following commercial services were suggested by the public, but failed to meet the necessary and appropriate criteria.

- Commercial instruction (skill- or technique-based instruction)
- Crystal reading
- Gas stations
- Guided dog sled services

- Guided fishing
- Guided ice climbing services
- Guided rock climbing services
- Horse drawn carriage services
- Horse drawn sleigh services
- Kennel services
- Marina services
- Personal services (beauty shops, barber, massage)

After considerable deliberation about guided motorcycle tours, taking into consideration the numerous negative comments from the public, we feel that there is a real potential for tour groups of motorcycles to impact the visitor experience through heightened noise levels. This impact would violate the test of appropriate as discussed in Chapter 1. This plan does not address individual motorcycles. All park roads that are open to the public are also open for individual motorcycle use.

ALTERNATIVES SUGGESTED DURING THE PUBLIC COMMENT PERIOD ON THE *DRAFT COMMERCIAL SERVICES PLAN AND DRAFT ENVIRONMENTAL IMPACT STATEMENT* THAT WERE CONSIDERED BUT REJECTED

A proposal for full services at Granite Park Chalet with reduced gray water generation was submitted by previous members of Save the Chalets. The proposal is reprinted in the comments received in response to the *Draft CSP/Draft EIS*. The proposal was to provide potable water with full staff, enhanced interpretive services, full meal service and lodging. The proposal included measures that would reduce gray water production to a sufficient level to allow operation within the existing limits of treating 100 gallons of gray water per day. The park consulted with the Public Health Service regarding this proposal and found that this alternative did not appear to be feasible. Given hygiene requirements, additional employees, and other aspects of full service, the projected gray water would exceed the capacity of the existing 100-gallon system. Without modifications to the gray water system as outlined in alternative C, full services are not feasible. See other responses to this issue contained in Chapter 5.

A few members of the public suggested shutting down or dismantling Granite Park Chalet. The chalet is a national historic landmark that offers a unique experience not found in other national parks. The National Park Service mission is to conserve natural and cultural resources and leave them unimpaired for the enjoyment of future generations. The best way to preserve the Granite Park Chalet is to continue to operate it as a chalet so that it will receive regular maintenance and care.

An organization suggested the park offer guided diving tours and boat tours in all the lakes mentioned except Two Medicine, citing the General Management Plan's statement that the Two Medicine area was to remain small and would not provide all commercial services. In the General Management Plan, the National Park Service determined that the Two Medicine day use zone would include Two Medicine Lake and the area would be managed to provide for traditional uses such as hiking and commercial boat tours. While commercial diving tours are not a traditional use at Two Medicine, the National Park Service feels that this activity is appropriate because it meets the general requirements for the day use area at Two Medicine by not requiring facilities in the park, and by complying with horsepower limits on the lake. The tours would provide an interpretive opportunity consistent with the general goals of day use zones.

Private shuttling services in the North Fork were rejected because they conflict with the decisions of the General Management Plan.

An organization proposed that commercial shuttling of private vehicles not be allowed along the corridor between Avalanche Creek and Sunrift Gorge, and at Logan Pass due to existing congestion at these parking lots. This alternative was considered but rejected; the service of shuttling of private vehicles was proposed in order to allow hikers to complete loops by accessing one trailhead and coming out at another. Some congestion might be reduced if visitors drive only one vehicle and use the service to access the trailhead, rather than driving two vehicles and parking one at the start and another at the end of their route.

ENVIRONMENTALLY PREFERRED ALTERNATIVES

The environmentally preferred alternative is determined by applying the criteria in the National Environmental Policy Act of 1969 (NEPA), which is guided by the Council on Environmental Quality (CEQ). The CEQ provided direction that the environmentally preferable alternative is the alternative that will promote the national environmental policy as expressed in NEPA's Section 101:

1. Fulfill the responsibilities of each generation as trustee of the environment for succeeding generations;
2. Assure for all generations safe, healthful, productive, and esthetically and culturally pleasing surroundings;
3. Attain the widest range of beneficial uses of the environment without degradation, risk of health or safety, or other undesirable and unintended consequences;
4. Preserve important historic, cultural and natural aspects of our national heritage and maintain, wherever possible, an environment that supports diversity and variety of individual choice;
5. Achieve a balance between population and resource use that will permit high standards of living and a wide sharing of life's amenities; and
6. Enhance the quality of renewable resources and approach the maximum attainable recycling of depletable resources.

The National Park Service evaluated the environmental consequences for all of the alternatives and assessed them against the six criteria above. While the results of the *Draft Environmental Impact Statement* indicate that all alternative A's (status quo/no action) may involve the fewest changes to environmental and historical resources, they neither satisfy the purpose and need underlying the proposed actions nor fulfill these six criteria.

TABLE 2-2 ENVIRONMENTALLY PREFERRED ALTERNATIVES

	Criteria 1	Criteria 2	Criteria 3	Criteria 4	Criteria 5	Criteria 6
Granite Park Chalet	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: No	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: No	Alt. A: No Alt. B: Yes Alt. C: No
Commercially Guided Day Hiking	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes
Guided Underwater Diving	Alt. A: Yes Alt. B: Yes	Alt. A: Yes Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: No
Firewood Sales	Alt. A: Yes Alt. B: Yes	Alt. A: Yes Alt. B: Yes	Alt. A: Yes Alt. B: No	Alt. A: Yes Alt. B: Yes	Alt. A: Yes Alt. B: Yes	Alt. A: No Alt. B: No
Public Showers	Alt. A: Yes Alt. B: Yes	Alt. A: Yes Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: Yes Alt. B: Yes	Alt. A: Yes Alt. B: Yes	Alt. A: No Alt. B: No
Boat Tours & Transportation	Alt. A: Yes Alt. B: Yes	Alt. A: Yes Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: Yes Alt. B: Yes	Alt. A: Yes Alt. B: Yes	Alt. A: No Alt. B: No
Interpretive Vehicle Tours and Public Transportation	Alt. A: Yes Alt. B: Yes	Alt. A: Yes Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes
Horseback Riding and Packing Services	Alt. A: Yes Alt. B: Yes Alt. C: Yes Alt. D: Yes	Alt. A: Yes Alt. B: Yes Alt. C: No Alt. D: Yes	Alt. A: No Alt. B: No Alt. C: Yes Alt. D: Yes	Alt. A: Yes Alt. B: No Alt. C: No Alt. D: No	Alt. A: Yes Alt. B: No Alt. C: Yes Alt. D: No	Alt. A: No Alt. B: No Alt. C: No Alt. D: Yes
Commercially Guided Bicycle Tours	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: No	Alt. A: No Alt. B: Yes	Alt. A: Yes Alt. B: Yes
Commercial Step-On Guide Services	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: No	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: No
Apgar Village	Alt. A: Yes Alt. B: Yes Alt. C: Yes	Alt. A: Yes Alt. B: Yes Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: Yes Alt. B: Yes Alt. C: No	Alt. A: Yes Alt. B: Yes Alt. C: No	Alt. A: Yes Alt. B: Yes Alt. C: No
Lake McDonald	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: Yes Alt. B: Yes Alt. C: Yes	Alt. A: Yes Alt. B: No Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: Yes Alt. B: Yes Alt. C: Yes
Rising Sun	Alt. A: Yes Alt. B: Yes Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: Yes Alt. B: No Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: Yes Alt. B: Yes Alt. C: Yes
Two Medicine	Alt. A: Yes Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: Yes Alt. B: Yes	Alt. A: No Alt. B: Yes	Alt. A: Yes Alt. B: Yes
Many Glacier	Alt. A: Yes Alt. B: Yes Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: Yes Alt. B: No Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: Yes Alt. B: Yes Alt. C: Yes
Swiftcurrent	Alt. A: Yes Alt. B: Yes Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: Yes Alt. B: Yes Alt. C: No	Alt. A: No Alt. B: Yes Alt. C: Yes	Alt. A: Yes Alt. B: Yes Alt. C: Yes

Yes = Achieves the environmentally preferred criteria stated above.

No = Does not achieve the environmentally preferred criteria stated above.

Bold type designates the environmentally preferred alternative.

COSTS OF ALTERNATIVES

The following estimates do not include costs for prospective businesses to develop their businesses or additional operating and capitalized costs for concessioners to add equipment or services. Estimates also do not include increased National Park Service administrative costs.

TABLE 2-3 COST ESTIMATES FOR NECESSARY AND APPROPRIATE SERVICES

Necessary and Appropriate Service	Total Costs
Granite Park Chalet	
Alternative A – Status Quo/No Action	No additional capital costs
Alternative B	Capital costs estimated at \$1.65 million
Alternative C	Capital costs estimated at \$2.38 million
Commercially Guided Day Hiking (Cultural/Natural/Recreational)	
Alternative A – Status Quo/No Action	No additional capital costs
Alternative B*	No additional capital costs
Guided Underwater Diving Tours	
Alternative A – Status Quo/No Action	No additional capital costs
Alternative B*	No additional capital costs
Firewood Sales	
Alternative A – Status Quo/No Action	No additional capital costs
Alternative B*	If the method of delivery is constructed sheds or vending machines, the costs for this construction would be born by the operator and have not been estimated.
Public Showers	
Alternative A – Status Quo/No Action	No additional Costs
Alternative B*	\$900,000 additional capital costs (does not include operational and maintenance costs)
Boat Tours and Transportation (Boat Taxi)	
Alternative A – Status Quo/No Action	See capital improvements captured in site discussion
Alternative B	See capital improvements captured in site discussion
Guided Interpretive Motor Vehicle Tours and Public Transportation	
Alternative A – Status Quo/No Action	No additional capital costs
Alternative B*	No additional capital costs for tours, taxi or private shuttle. Capital costs for expanded shuttle are addressed in a interim transit system plan under the <i>Going-to-the-Sun Road Rehabilitation Plan/Draft EIS</i>
Horseback Riding and Horse Packing Services	
Alternative A – Status Quo/No Action	No additional capital costs
Alternative B	No additional capital costs
Alternative C*	No additional capital costs, however, additional trails maintenance costs would be incurred.
Alternative D	Costs for removal of the Lake McDonald Stables and restoration of the site as a public stock loading ramp and parking would be approximately \$90,190. Costs for additional housing and expanded corral facilities at Appgar would be approximately \$210,000.
Commercially Guided Bicycle Tours	
Alternative A – Status Quo/No Action	No additional capital costs
Alternative B*	No additional capital costs.
Commercial Step-On Guide Service	
Alternative A – Status Quo/No Action	No additional capital costs
Alternative B*	No additional capital costs

* In most cases, implementation of any one of these asterisked alternatives would not cause substantial increased National Park Service administrative costs or staffing needs. However, implementing several of these asterisked alternatives together would increase National Park Service administrative costs and staffing needs.

The following are 2002 class D total project cost estimates. The estimates include construction costs, project planning, construction supervision and contingencies. Estimates also include National Park Service project management costs. They were prepared by the staff at Architectural Research Consultants, Inc. using the baseline work from the Assessment of Condition Report in 2001. Costs do not include needed improvements to site utility infrastructure.

TABLE 2-4 COST ESTIMATES FOR DEVELOPED AREAS

Developed Area	Work Related to Roads and Trails	Work Related to Buildings and Building Utilities	Total Project Costs
Apgar			
Alternative A – Status Quo/ No Action	\$ 208,000	\$ 274,000	\$ 481,000
Preferred Alternative B	\$ 1,016,000	\$ 979,000	\$ 1,995,000
Alternative C	\$ 1,888,000	\$ 5,194,000	\$ 7,082,000
Lake McDonald			
Alternative A – Status Quo/ No Action	\$ 43,000	\$ 6,328,000	\$ 6,372,000
Alternative B	\$ 992,000	\$ 13,878,000	\$ 14,870,000
Preferred Alternative C	\$ 1,154,000	\$ 18,152,000	\$ 19,306,000
Rising Sun			
Alternative A – Status Quo/ No Action	\$ 93,000	\$ 3,895,000	\$ 3,988,000
Alternative B	\$ 593,000	\$ 6,640,000	\$ 7,233,000
Preferred Alternative C	\$ 626,000	\$ 9,718,000	\$ 10,345,000
Two Medicine			
Alternative A – Status Quo/ No Action	\$ 44,000	\$ 814,000	\$ 858,000
Preferred Alternative B	\$ 521,000	\$ 897,000	\$ 1,419,000
Many Glacier			
Alternative A – Status Quo/ No Action	\$ 583,000	\$ 23,611,000	\$ 24,194,000
Alternative B	\$ 1,923,000	\$ 25,700,000	\$ 27,624,000
Preferred Alternative C	\$ 2,101,000	\$ 34,936,000	\$ 37,037,000
Swiftcurrent			
Alternative A – Status Quo/ No Action	\$ 166,000	\$ 2,518,000	\$ 2,684,000
Preferred Alternative B	\$ 1,045,000	\$ 8,476,000	\$ 9,521,000
Alternative C	\$ 973,000	\$ 8,396,000	\$ 9,369,000
Total Preferred Alternatives	\$ 6,463,000	\$ 73,153,000	\$ 79,623,000

SUMMARIES OF ALTERNATIVES

TABLE 2-5 SUMMARY OF ALTERNATIVES: GRANITE PARK CHALET

GRANITE PARK CHALET			
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C	Alternative D
Current conditions as a hiker shelter would be maintained. No new services would be provided and no improvements would be made.	Current conditions as a hiker shelter would be maintained. Also, potable water would be made available and expanded toilet facility would be constructed.	Full-service dining and overnight facilities would be provided. The water system would be replaced. An expanded gray water system and enhanced toilet facility would be constructed.	

TABLE 2-6 SUMMARY OF ALTERNATIVES: COMMERCIALY GUIDED DAY HIKING

COMMERCIALY GUIDED DAY HIKING			
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C	Alternative D
Commercially guided day hiking would continue to be provided with no limits on group size or trails that could be used. Activities would continue to occur across all zones and in all management areas except the North Fork.	Commercially guided day hiking would be provided and client-to-guide ratios specified. Group size would be limited to 12 people on most backcountry trails. Larger group sizes (not to exceed 50) would be permitted on specified day use trails. Guided day hiking would not be authorized in the North Fork area. Limitations would be placed on the number of daily guided hikes by each commercial operator on each backcountry zone trail. An annual parkwide cap of 5,000 user days would be imposed.		

TABLE 2-7 SUMMARY OF ALTERNATIVES: GUIDED UNDERWATER DIVING TOURS

GUIDED UNDERWATER DIVING TOURS			
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C	Alternative D
No commercially guided underwater diving activities would occur.	Commercially guided underwater diving tours could be provided in Lakes McDonald and Sherburne, and Josephine, Swiftcurrent, Two Medicine, Pray, Lower Two Medicine and St. Mary Lakes. All participants would be fully certified divers.		

TABLE 2-8 SUMMARY OF ALTERNATIVES: FIREWOOD SALES

FIREWOOD SALES			
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C	Alternative D
Firewood sales would continue to take place in local camp stores, the Apgar Village, Lake McDonald Lodge, Rising Sun, Two Medicine and Swiftcurrent developed areas.	Firewood sales could be provided in specific campgrounds in the visitor service zones and in camp stores.		

TABLE 2-9 SUMMARY OF ALTERNATIVES: PUBLIC SHOWERS

PUBLIC SHOWERS			
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C	Alternative D
Public showers would continue to be provided to a limited extent in the Rising Sun and Swiftcurrent developed areas. Shower facilities could be expanded within the existing facilities.	Additional shower facilities could be constructed at or near specified campgrounds in the visitor services zones and/or existing public showers could be expanded.		

TABLE 2-10 SUMMARY OF ALTERNATIVES: BOAT TOURS AND TRANSPORTATION (BOAT TAXI)

BOAT TOURS AND TRANSPORTATION (BOAT TAXI)			
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C	Alternative D
Current interpretive boat tours would continue to be provided on Lakes McDonald and Josephine, and St. Mary, Two Medicine, Swiftcurrent and Waterton Lakes. Boat taxi or boat transportation would continue to be provided with the existing tour boats. Upgrades to comply with life safety, accessibility and building codes would be made as funding is available. Tour boats and/or docks would be modified as necessary to improve access for the mobility-impaired.	In addition to the services provided in alternative A, services could be expanded to include tour boat pick-up in Apgar Village. Services could also be expanded to add another vessel at Lake McDonald and Two Medicine Lake. Upgrades to comply with life safety, accessibility and building codes would be made as funding is available. Tour boats and/or docks would be modified as necessary to improve access for the mobility-impaired.		

**TABLE 2-11 SUMMARY OF ALTERNATIVES:
GUIDED INTERPRETIVE VEHICLE TOURS AND PUBLIC TRANSPORTATION**

GUIDED INTERPRETIVE VEHICLE TOURS AND PUBLIC TRANSPORTATION			
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C	Alternative D
<p>Motor vehicle tours would continue to be provided.</p> <p>Shuttle service would continue to be provided in the Many Glacier Valley and along Going-to-the-Sun Road.</p> <p>Taxi services would continue to limited destinations in the park. Taxi services would continue to be prohibited in the North Fork, on the inside North Fork Road, and on the section of Going-to-the-Sun Road between the Lake McDonald and Rising Sun developed areas.</p> <p>Commercial shuttling of private vehicles would not be provided.</p>	<p>In addition to motor vehicle tour services provided in alternative A, operating restrictions would be changed to lift restrictions on the Going-to-the-Sun Road. No tour services would be provided in the North Fork.</p> <p>Shuttle service would continue to be provided in the Many Glacier Valley and along Going-to-the-Sun Road.</p> <p>Operating restrictions would be changed to allow expansion of taxi services to include Going-to-the-Sun Road.</p> <p>Commercial shuttling of private vehicles could be provided to trailheads and designated locations within the visitor service zones of all management areas (except the North Fork) and in the rustic zones in the Two Medicine area and Going-to-the-Sun Road corridor.</p>		

**TABLE 2-12 SUMMARY OF ALTERNATIVES:
HORSEBACK RIDING AND HORSE PACKING SERVICES**

HORSEBACK RIDING AND HORSE PACKING SERVICES			
Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)	Alternative D
<p>The Apgar, Lake McDonald and Many Glacier stables would provide horseback riding. Packing services to Granite Park and Sperry chalets would continue. "Drop trip" packing services would continue to be provided to back-country campsites where horse traffic is permitted. Current client-to-guide ratios, group size limits and limits on stock numbers held at each stable would be maintained.</p>	<p>Services and upgrades would be provided as described in alternative A except that the Apgar stables would be maintained as a base for packing operations, but no trail rides would originate from that location.</p>	<p>In addition to continuing services and upgrades at the stables at Apgar, Lake McDonald and Many Glacier as in alternative A, guided horseback riding trips in the Two Medicine area would be permitted. No facilities would be constructed or installed. All stock would be maintained outside the park and transported to and from the park to support these new services. Rides would be</p>	<p>Services and upgrades would continue as in alternative A at Apgar and Many Glacier, and the Lake McDonald stables would be removed.</p> <p>The Lake McDonald stables site would be used for trailhead parking and a public stock-loading ramp would be installed. Rides would only be permitted to Sperry Chalet from this location.</p> <p>Additional housing could</p>

HORSEBACK RIDING AND HORSE PACKING SERVICES			
Upgrades to comply with life safety, accessibility and building codes would be made as funding is available.		limited to one trip per day per trail, with a total group size of ten.	be constructed and the corral enlarged at the Apgar stables.

TABLE 2-13 SUMMARY OF ALTERNATIVES: COMMERCIALY GUIDED BICYCLE TOURS

COMMERCIALY GUIDED BICYCLE TOURS			
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C	Alternative D
Commercially guided bicycle tours would continue to be provided in the visitor service zones of all management areas except the North Fork. Services would also continue to be provided in the rustic zones of the Apgar Lookout, the 1913 Ranger Station and the Cut Bank area. Off-road bicycle use would continue to be prohibited. There would continue to be no limits on group size, number of groups per day, or number of operators.	Limits on group size and number of groups that could cross Going-to-the-Sun Road per day would be applied to current guided bicycle tour conditions. There would be an allocation system to distribute opportunities between operators.		

TABLE 2-14 SUMMARY OF ALTERNATIVES: COMMERCIAL STEP-ON GUIDE SERVICES

COMMERCIAL STEP-ON GUIDE SERVICES			
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C	Alternative D
No commercial step-on guide services would occur.	Commercial step-on guide services could be provided. A step-on guide could ride along with individuals in their own vehicles and give an interpretive tour of the park. These services would be provided only in those areas of the park that are unrestricted to commercial tour operations.		

TABLE 2-15 SUMMARY OF ALTERNATIVES: APGAR VILLAGE DEVELOPED AREA

APGAR VILLAGE		
AREA I		
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C
Area I would continue to provide motel-style overnight guest accommodations, and tour boat and public boat dock access. Limited employee housing would also continue to be available. Existing facilities would be upgraded to comply with basic life	Area I would continue to provide the services described in alternative A. Primary access into rooms at the Village Inn would shift to the parking lot side and private seating areas would be provided for each unit at the lakeside. The shoreline in front of the Village Inn would be	Area I would continue to provide the services described in alternatives A and B, except the Village Inn would be removed and replaced with a new hotel in Area II. The Village Inn site would be rehabilitated with landscaping, trails and public seating.

APGAR VILLAGE		
<p>safety, building code and access issues.</p> <p>The shore of Lake McDonald in front of the Village Inn would be stabilized.</p> <p>Accessible trails and walks would be added.</p>	<p>stabilized and accessible trails and walks would be added.</p> <p>Parking in the Lake McDonald viewshed would be relocated and a green space developed for the public along the shoreline. Roadside parking would be formalized or relocated to off-road areas and additional oversized parking would be provided.</p> <p>Existing facilities would be upgraded to comply with basic life safety, building code and access issues.</p>	<p>Parking in the Lake McDonald viewshed would be relocated and a green space developed for the public along the shoreline. Roadside parking would be formalized or relocated to off-road areas and additional oversized parking would be provided.</p> <p>Existing facilities would be upgraded to comply with basic life safety, building code and access issues.</p>
AREA II		
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C
<p>The National Park Service would continue to endorse retail sales/services by businesses on private lands and horseback tour services.</p> <p>Existing facilities would be upgraded to comply with basic life safety, building code and access issues.</p> <p>New accessible trails and walks in the village would be developed.</p>	<p>Area II would continue to provide services as described in alternative A. Parking along Apgar Loop Road would be relocated to off-road areas and additional oversized parking would be provided near the public boat dock.</p> <p>The bicycle and pedestrian trail would be extended to the Apgar Campground.</p> <p>Existing facilities would be upgraded to comply with basic life safety, building code and access issues.</p>	<p>Area II would continue to provide services as described in alternatives A and B.</p> <p>Also, a new lodging facility to replace the Village Inn would be constructed and the Environmental Education Cabin would be removed (this service could be relocated to the future Discovery Center).</p> <p>The existing Visitor Center functions would be relocated to the future Discovery Center.</p> <p>Existing facilities would be upgraded to comply with basic life safety, building code and access issues.</p>
OUTSIDE AREAS I AND II		
<p>Services would continue.</p>	<p>Use would continue as in alternative A. Also, the bicycle and pedestrian trail would be extended to the Apgar Campground.</p>	<p>Use would continue as in alternatives A and B.</p>

TABLE 2-16 SUMMARY OF ALTERNATIVES: LAKE McDONALD DEVELOPED AREA

LAKE McDONALD		
AREA I		
Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
<p>Area I would continue to provide current services, including hotel-style overnight guest accommodations, employee housing, retail sales, food and beverage services, boat tours and rentals, public facilities and public shuttle and tours.</p> <p>Existing facilities, trails and walks would be upgraded to comply with basic life safety, accessibility and building codes.</p>	<p>Area I would continue to provide the services described in alternative A, except most employee housing and support services would be relocated to Area II.</p> <p>Boys' Dormitories 1 and 2, and Jammer, Johnson and Hydro Dormitories would be removed. Remaining facilities, trails and walks would be upgraded as described in alternative A. Additional accessible trails and paths would be constructed to accommodate changing use.</p>	<p>Area I would provide the services described in alternative B.</p>

LAKE MCDONALD		
	<p>Cobb House Dormitory would be converted to overnight guest accommodations and Snyder Dormitory would be converted to budget/hostel-guest accommodations.</p> <p>The main entrance to the site would be modified to have a single point of access and parking along the boulevard would be restricted to improve the visitor's approach experience. Snyder Creek Bridge would be restricted to pedestrian, emergency and service use, with limited guest access. Vehicular access to the General Store and Coffee Shop via the boulevard would be eliminated.</p> <p>The existing indoor employee recreation facility would be converted to other visitor or management use.</p> <p>A new maintenance and laundry facility would be constructed at the former Johnson/Hydro Dormitory site, along with additional guest and employee parking.</p>	
AREA II		
Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
<p>Area II would continue to provide cabin and motel-style overnight guest accommodations, employee housing, retail sales, food and beverage services, maintenance support and horse stables.</p> <p>Existing facilities, trails and walks would be upgraded to comply with basic life safety, accessibility and building codes.</p>	<p>Area II would continue to provide the services described in alternative A. However, maintenance support services would be relocated to Area I.</p> <p>The existing Post Office building and the Girls' Dormitories 1 and 2 would be removed. The existing Coffee Shop parking area would be removed and a new, expanded parking area would be constructed between the Coffee Shop and the General Store. Remaining facilities, trails and walks would be upgraded as described in alternative A. Additional accessible hardened trails and paths would be constructed to accommodate changing facility use.</p> <p>A new pedestrian-oriented green space would be developed at the Coffee Shop parking areas.</p> <p>New public restroom facilities would be constructed at the north side of the new parking lot. The Garden Court Dormitory would be converted to overnight guest accommodations and the Coffee Shop would be modified to blend architecturally with the area. An addition would be added to the Coffee House for employee dining and a post office.</p>	<p>Area II would continue to provide the services described in alternative B, except for Stewart Motel and the Coffee Shop. The Stewart Motel would be replaced with a new motel building for overnight guest accommodations.</p> <p>The Coffee Shop would be removed and a new restaurant with employee dining and post office constructed.</p> <p>Changes to vehicular and pedestrian access would be as described in alternative B, except that a new access road would be constructed, parking adjacent to guest cabin units would be formalized; and the westernmost access road (by Robert's Cabin) would be modified and converted to foot access only.</p> <p>New employee housing would be constructed as in alternative B, but would be sized, including parking, to accommodate all employees.</p>

LAKE MCDONALD		
	<p>A new employee housing village with employee support and recreation facilities would be constructed behind the existing Coffee Shop, and the Stewart Motel buildings would be converted to employee housing.</p> <p>Parking along the back of the lakeside cabin row would be eliminated and the drive restricted to pedestrian and emergency access only.</p>	

TABLE 2-17. SUMMARY OF ALTERNATIVES: RISING SUN DEVELOPED AREA

RISING SUN		
AREA I		
Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
<p>Area I would continue to provide both cabin and motel-style overnight guest accommodations, and employee housing.</p> <p>Existing facilities would be upgraded to comply with basic life safety, accessibility and building codes.</p>	<p>Area I would continue to provide services and upgrades described in alternative A.</p> <p>New employee housing with associated indoor and outdoor recreation facilities and parking would be constructed just downhill from the Lower Motel.</p> <p>Approximately five 2-unit cabins would be constructed at the upper loop to replace guest accommodations that would be lost at Area II and approximately three employee cabin units would be returned to the guest accommodations.</p> <p>The bluff by the existing cabins would be stabilized, and trails and walks throughout the site would be improved for accessibility.</p>	<p>Area I would continue to provide services and upgrades described in alternative A.</p> <p>New employee housing with associated indoor and outdoor recreation facilities and parking would be constructed just downhill from the Lower Motel. Also, the lower motel unit would be converted to employee housing. Boat Concessioner Housing would be provided in the new housing area.</p> <p>Approximately ten 2-unit cabins and parking would be constructed at the upper loop to replace lost guest accommodations at Area II and at the Lower Motel. The main Dormitory would be converted to guest lodging. Approximately three employee cabin units would be returned to guest accommodations.</p> <p>Trails and walks throughout the site would be improved for accessibility.</p>
AREA II		
Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
<p>Area II would continue to provide motel-style overnight guest accommodations, employee housing and recreation facilities, food and beverage services, retail sales and other guest support services such as public showers and tour and shuttle destinations.</p> <p>Existing facilities would be upgraded to comply with basic life safety, accessibility and building codes.</p>	<p>Area II would continue to serve the same functions identified in alternative A with similar upgrades, except guest accommodations and employee housing would be relocated from the General Store/Motel and Coffee Shop buildings to Area I.</p> <p>The space would be renovated for additional public showers, public laundry, overnight guest registration, additional retail space and site maintenance support for the motels and cabins.</p>	<p>Area II would continue to serve the same functions and would complete all improvements identified in alternatives A and B.</p> <p>The earth berm behind the General Store would be reinforced and the intersection between the campground and General Store/Motel would be improved. Tour boats that serve St. Mary Lake would be modified to improve access for the mobility-impaired public.</p> <p>The Coffee Shop building would be enlarged.</p>

RISING SUN AREA III		
Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
<p>Area III would continue to be used as a public picnic area, a public boat launch, and for tour boat services and associated dock and Boat Concessioner Housing. Public restrooms would continue to be provided.</p> <p>Existing facilities would be upgraded to comply with basic life safety, accessibility and building codes.</p>	<p>Area III would continue to serve the same functions identified in alternative A with similar upgrades. However, the ticket booth would be relocated from the high water zone and employee housing in the building would be moved to Area I.</p>	<p>Area III would continue to serve the same functions and would complete improvements identified in alternative B.</p>

TABLE 2-18 SUMMARY OF ALTERNATIVES: TWO MEDICINE DEVELOPED AREA

TWO MEDICINE AREA I		
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C
<p>Area I would continue to provide food and beverage services, retail sales, boat tours and rentals, and public shuttles and tours. A limited amount of employee housing would continue to be provided. No overnight guest accommodations would be provided.</p> <p>Existing facilities would be upgraded to comply with basic life safety, building code and access issues.</p> <p>The tour boats and docks serving Two Medicine Lake would be modified to provide improved access to the mobility-impaired public and the restroom would be modified for historic compatibility.</p>	<p>Area I would continue to provide services as described in alternative A with similar upgrades.</p> <p>The ticket booth and docks serving Two Medicine Lake would be modified for improved access for the mobility-impaired public. The viewshed of Two Medicine Lake would be improved by moving parking away from the lakefront, removing the existing restroom and replacing it with a facility in another location that is compatible with the historic character of the area. The exterior and landscaping of the General Store would also be restored to reflect the historic character of the area.</p> <p>A new service road and service parking would be provided for the General Store, and accessible trails would be developed to provide a link between the General Store and the campground.</p>	<p>N/A</p>

TABLE 2-19 SUMMARY OF ALTERNATIVES: MANY GLACIER DEVELOPED AREA

MANY GLACIER AREA I		
Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
<p>Area I would continue to provide overnight guest accommodations and functions such as food and beverage services, retail services and visitor conveniences. Other functions such as employee housing, and public boat and vehicular tours would also continue.</p> <p>Existing facilities would be upgraded to comply with basic life</p>	<p>Area I would continue to provide functions similar to those described for alternative A with similar upgrades. To improve the visitor experience, historic features such as the stairwell in the lobby would be restored and non-historic functions would be relocated. The approach to the hotel would be landscaped, and service and pedestrian access around the hotel</p>	<p>Area I would continue to provide functions and modifications similar to those described for alternatives A and B.</p> <p>Also, employee recreation facilities would be removed from the hotel, further improving the visitor experience.</p> <p>Existing orientation information and/</p>

MANY GLACIER		
<p>safety, accessibility and building codes.</p> <p>Pedestrian circulation with access to the perimeter of the hotel and lakefront would be improved.</p>	<p>would be improved. Most employee housing would be removed from the hotel and the rooms converted to guest rooms.</p> <p>Pedestrian circulation with access to the perimeter of the hotel and lakefront would be improved.</p>	<p>or interpretive opportunities would be improved, including restoration of some guest rooms and visitor service areas to a representative historic period.</p> <p>Pedestrian circulation with access to the hotel perimeter and lakefront would be improved, including boat ticket booth improvements.</p>
AREA II		
Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
<p>Area II would continue to provide guest parking, horseback riding and employee housing.</p> <p>Existing facilities would be upgraded to comply with basic life safety, accessibility and building codes.</p> <p>Pedestrian circulation with access between the parking area and the hotel would be improved.</p>	<p>Area II would continue to provide guest parking, horseback riding and employee housing with upgrades as in alternative A.</p> <p>Pedestrian circulation with access between parking area and the hotel would be improved.</p>	<p>Area II would continue to provide functions similar to those described for alternatives A and B. The Lower Dormitory would be converted to guest accommodations with improved parking. Replacement employee housing with indoor and outdoor recreation facilities would be developed in the vicinity of the Upper Dormitory.</p> <p>Existing employee housing in Upper Dormitory would be upgraded and additional parking would be provided through the redesign and use of disturbed lands around the facilities; the old incinerator site near the horse barn might also be used for employee parking where appropriate.</p>
OUTSIDE AREAS I AND II		
Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
<p>Tour boats and docks serving Swiftcurrent Lake and Lake Josephine would be modified to provide improved access for the mobility-impaired public.</p>	<p>Improvements to existing facilities and infrastructure described in alternative A would be completed.</p> <p>The trail around Swiftcurrent Lake, and the connecting trail between Swiftcurrent Lake and Lake Josephine would be upgraded for accessibility.</p> <p>An information/orientation pull-off would be constructed on the Many Glacier Road.</p> <p>Water and sewage systems would be improved.</p>	<p>Improvements to trails and existing facilities and infrastructure described in alternatives A and B would be completed. Also, additional employee housing would be constructed either at the Swiftcurrent site or outside the park. An employee shuttle service would be provided.</p>

TABLE 2-20. SUMMARY OF ALTERNATIVES: SWIFTCURRENT DEVELOPED AREA

SWIFTCURRENT		
AREA I		
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C
<p>Area I would continue to provide motel-style overnight guest accommodations.</p> <p>Existing facilities would be upgraded to comply with basic life safety, accessibility and building codes.</p>	<p>Convert Motels 1, 2 and 3 to employee housing. Construct one additional motel building for employee housing, recreation, laundry and housekeeping. An outdoor employee recreation area would be provided.</p> <p>Vehicular circulation and parking</p>	<p>Area I would continue to provide services and upgrades as described in alternative A. Area I would continue to provide motel-style overnight guest accommodations.</p> <p>One additional motel building with a housekeeping/ laundry and</p>

SWIFTCURRENT		
codes.	would be reconfigured and the existing trailhead would be relocated to the main parking lot to separate the employee housing area from visitor activities. Trails to Area III would be constructed.	housekeeping/ laundry and maintenance facility would be constructed.
AREA II		
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C
<p>Area II would continue to provide cabins for overnight guest accommodations, employee housing and public shower/laundry facilities.</p> <p>Existing facilities would be upgraded to comply with basic life safety, accessibility and building codes.</p>	<p>Area II would continue to provide services and upgrades as described in alternative A, except existing employee cabins would be converted to guest use; the employee Bath House and Motel 4 would be removed and replaced with cabin guest accommodations. Additional cabins would be constructed to infill existing incomplete cabin rings.</p> <p>One cabin ring would be converted to budget/hostel accommodations and one cabin would be converted for cooking.</p> <p>The public shower facility would be modified to increase shower capacity.</p> <p>Pedestrian circulation would be reconfigured to improve separation from vehicular traffic.</p> <p>Vehicular circulation in the cabin areas would be converted to a one-way loop to better separate employees and visitors. Parking would be removed from within cabin rings to areas alongside the roadway.</p>	<p>Area II would continue to provide cabin-style overnight guest accommodations, employee housing and public shower/laundry facilities.</p> <p>The area west of the loop road would be dedicated to guest accommodations and additional cabins would be constructed to infill existing incomplete cabin rings. Cabin parking would be relocated outside of the rings.</p> <p>Public shower would be modified to increase shower capacity.</p> <p>The area east of the loop road would be dedicated to employee housing. The employee bath house would be removed and replaced with an employee cabin ring. Motel 4 would be converted to employee housing. Additional employee housing would be constructed adjacent to Motel 4, along with indoor and outdoor recreation facilities and employee showers and laundry facilities.</p> <p>Existing facilities would be upgraded to comply with basic life safety, accessibility and building codes.</p>
AREA III		
Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C
<p>Area III would continue to provide public services such as food and beverage service, retail sales, public restrooms, pay telephones, and shuttle and tour stop.</p> <p>Existing facilities would be upgraded to comply with basic life safety, accessibility and building codes.</p>	<p>Area III would continue to provide services and upgrades as described in alternative A.</p> <p>Vehicular circulation and parking would be reconfigured for better flow.</p> <p>Additional guest and employee parking would be provided with new viewing area.</p> <p>A new trailhead would replace the existing one at the northwest corner of Area I.</p>	<p>Area III would continue to provide services and upgrades as described in alternative A.</p> <p>Vehicular circulation and parking would be reconfigured for better flow.</p> <p>Additional guest and employee parking would be provided.</p>

SUMMARIES OF IMPACTS

See definitions of thresholds in Chapter 4.

TABLE 2-21 SUMMARY OF IMPACTS: GRANITE PARK CHALET

GRANITE PARK CHALET			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C
Water Quality	Continued minor, adverse, localized, long-term impacts	Minor, positive, localized, long-term impacts	Minor, positive, localized, long-term impacts
Floodplains	No effect	No effect	No effect
Soils	No additional effects. Continued cumulative, minor, adverse, site-specific, long-term impacts.	Minor, positive, site-specific, long-term impacts	Minor, positive, site-specific, long-term impacts
Vegetation	No additional effects. Continued cumulative, minor, adverse, site-specific, long-term impacts	Minor, positive, site-specific, long-term impacts and minor, adverse, site-specific, long-term impacts	Minor, positive, site-specific, long-term impacts and minor, adverse, site-specific, long-term impacts
Wildlife, Including Aquatic Resources	No additional effect. Continued cumulative, minor, adverse, site-specific, long-term impacts	Negligible, additional adverse, site-specific, long-term impacts and minor, positive, site-specific, long-term impacts	Minor, additional adverse, site-specific, long-term impacts and minor, positive, site-specific, long-term impacts
Threatened and Endangered Species	No additional effect. Continued cumulative, minor, long-term, adverse impacts.	Moderate short-term, adverse impacts; minor, negative impacts	Moderate short-term, adverse impacts; minor, negative impacts
Natural Sound	No additional effect. Minor, adverse, short-term, localized impacts during construction and waste removal. Minor, long-term, adverse.	Minor, adverse, short-term, localized impacts during construction	Minor, adverse, short-term, localized impacts during construction
Air Quality	No effect	Negligible, adverse, short-term, localized impacts during construction	Negligible, adverse, short-term, localized impacts during construction
Historic Resources	No effect	Minor, adverse, short-term, site-specific impacts during construction	Minor, adverse, short-term, site-specific impacts during construction
Archeological and Ethnographic Resources	No effect	No effect	No effect
Visual Resources	No effect	Negligible, adverse, short-term, site-specific impacts during construction	Negligible, adverse, short-term, site-specific impacts during construction
Regional and Local Communities	No effect	Negligible, short-term, positive impacts during construction	Negligible, short-term, positive impacts during construction
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	No effect
Visitor Use and Experience	No effect	Major long-term, positive impacts	Major long-term, positive impacts
Energy Consumption	No effect	Negligible, long-term, site-specific decrease	Minor, long-term, site-specific decrease
Landowners In and Adjacent to Park Boundaries	No effect	No effect	No effect

TABLE 2-22 SUMMARY OF IMPACTS: SPERRY CHALET

SPERRY CHALET			
Impact	Alternative A - Status Quo/No Action		
Water Quality	No additional effect		
Floodplains	No effect		
Soils	No additional effect		
Vegetation	No additional effect		
Wildlife, Including Aquatic Resources	No additional effect		
Threatened and Endangered Species	No additional effect		
Natural Sound	No additional effect		
Air Quality	No additional effect		
Historic Resources	No effect		
Archeological and Ethnographic Resources	No effect		
Visual Resources	No additional effect		
Regional and Local Communities	No additional effect		
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect		
Visitor Use and Experience	No additional effect		
Energy Consumption	No additional effect		
Landowners In and Adjacent to Park Boundaries	No effect		

TABLE 2-23 SUMMARY OF IMPACTS: BOAT RENTALS AND EQUIPMENT RENTALS

BOAT RENTALS AND EQUIPMENT RENTALS			
Impact	Alternative A - Status Quo/No Action		
Water Quality	No additional effect		
Floodplains	No effect		
Soils	No additional effect		
Vegetation	No additional effect		
Wildlife, Including Aquatic Resources	No additional effect		
Threatened and Endangered Species	No additional effect		
Natural Sound	No additional effect		
Air Quality	No effect		
Historic Resources	No effect		
Archeological and Ethnographic Resources	No effect		
Visual Resources	No additional effect		
Regional and Local Communities	No additional effect		
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No additional effect		
Visitor Use and Experience	No additional effect		
Energy Consumption	No additional effect		
Landowners In and Adjacent to Park Boundaries	No effect		

TABLE 2-24 SUMMARY OF IMPACTS: GUIDED BACKPACKING SERVICES

GUIDED BACKPACKING SERVICES			
Impact	Alternative A – Status Quo/No Action		
Water Quality	No additional effect		
Floodplains	No effect		
Soils	No additional effect		
Vegetation	No additional effect		
Wildlife, Including Aquatic Resources	No additional effect		
Threatened and Endangered Species	No additional effect		
Natural Sound	No additional effect		
Air Quality	No effect		
Historic Resources	No effect		
Archeological and Ethnographic Resources	No effect		
Visual Resources	No additional effect		
Regional and Local Communities	No additional effect		
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No additional effect		
Visitor Use and Experience	No additional effect		
Energy Consumption	No additional effect		
Landowners In and Adjacent to Park Boundaries	No effect		

TABLE 2-25 SUMMARY OF IMPACTS: COMMERCIALY GUIDED DAY HIKING SERVICES (CULTURAL HISTORY/NATURAL HISTORY/RECREATIONAL)

COMMERCIALY GUIDED DAY HIKING SERVICES (CULTURAL HISTORY/NATURAL HISTORY/RECREATIONAL)			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Water Quality	Continued negligible, adverse, localized, long-term impacts	Negligible, adverse, localized, long-term impacts	
Floodplains	No effect	No effect	
Soils	Continued minor, adverse, localized, long-term impacts	Negligible, adverse, localized, long-term impacts	
Vegetation	Continued negligible, adverse, localized, long-term impacts	Negligible, adverse, localized, long-term impacts	
Wildlife, Including Aquatic Resources	Continued minor, adverse, localized, long-term impacts	Minor, adverse, localized, long-term impacts	
Threatened and Endangered Species	No additional effect. Continued minor, cumulative, adverse impacts.	No additional effect. Continued minor cumulative, adverse impacts.	
Natural Sound	No additional effect	No additional effect	
Air Quality	No effect	No effect	
Historic Resources	No effect	No effect	
Archeological and Ethnographic Resources	No effect	No effect	
Visual Resources	No additional effect	No additional effect	
Regional and Local Communities	No effect	Negligible, long-term, positive impacts	
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	

COMMERCIALLY GUIDED DAY HIKING SERVICES (CULTURAL HISTORY/NATURAL HISTORY/RECREATIONAL)			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Visitor Use and Experience	No effect	Minor long-term, positive impacts	
Energy Consumption	No effect	No effect	
Landowners In and Adjacent to Park Boundaries	No effect	No effect	

TABLE 2-26 SUMMARY OF IMPACTS: GUIDED UNDERWATER DIVING TOURS

GUIDED UNDERWATER DIVING TOURS			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Water Quality	No effect	Negligible, adverse, long-term, localized impacts	
Floodplains	No effect	No effect	
Soils	No effect	No effect	
Vegetation	No effect	Negligible, adverse, site-specific, long-term impacts	
Wildlife, Including Aquatic Resources	No effect	Minor, adverse, localized, long-term impacts	
Threatened and Endangered Species	No effect	Minor, negative impacts and moderate, short-term, negative impacts	
Natural Sound	No effect	No effect	
Air Quality	No effect	No effect	
Historic Resources	No effect	No effect	
Archeological and Ethnographic Resources	No effect	No effect	
Visual Resources	No effect	No effect	
Regional and Local Communities	No effect	Negligible to minor, long-term, positive impacts	
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	Potential moderate, positive, long-term, regional impacts	
Visitor Use and Experience	No effect	Negligible to moderate, positive, long-term impacts	
Energy Consumption	No effect	No effect	
Landowners In and Adjacent to Park Boundaries	No effect	No effect	

TABLE 2-27 SUMMARY OF IMPACTS: GUIDED RAFTING

GUIDED RAFTING			
Impact	Alternative A - Status Quo/No Action		
Water Quality	No additional effect		
Floodplains	No effect		
Soils	No additional effect		
Vegetation	No additional effect		
Wildlife, Including Aquatic Resources	No additional effect		
Threatened and Endangered Species	No additional effect		
Natural Sound	No additional effect		
Air Quality	No effect		
Historic Resources	No effect		
Archeological and Ethnographic Resources	No effect		
Visual Resources	No additional effect		
Regional and Local Communities	No additional effect		

GUIDED RAFTING			
Impact	Alternative A - Status Quo/No Action		
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No additional effect		
Visitor Use and Experience	No additional effect		
Energy Consumption	No additional effect		
Landowners In and Adjacent to Park Boundaries	No effect		

TABLE 2-28 SUMMARY OF IMPACTS: FIREWOOD SALES

FIREWOOD SALES			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Water Quality	No effect	No effect	
Floodplains	No effect	No effect	
Soils	No effect	Negligible, adverse, site-specific, long-term impacts if new facilities are constructed	
Vegetation	Continued minor, positive, site-specific, long-term impacts	Continued minor, positive, site-specific, long-term impacts	
Wildlife, Including Aquatic Resources	Continued negligible, positive, site-specific, long-term impacts	Negligible, positive, site-specific, long-term impacts	
Threatened and Endangered Species	Negligible long-term, positive impacts	Negligible, long-term, positive impact	
Natural Sound	No effect	No effect	
Air Quality	No additional effect	Minor, short-term, adverse impact	
Historic Resources	No effect	No effect	
Archeological and Ethnographic Resources	No effect	No effect	
Visual Resources	No effect	No effect	
Regional and Local Communities	No effect	Negligible, positive, long-term impacts	
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	
Visitor Use and Experience	No effect	Negligible, positive, long-term and minor, negative, short-term impacts	
Energy Consumption	No effect	No effect	
Landowners In and Adjacent to Park Boundaries	No effect	No effect	

TABLE 2-29 SUMMARY OF IMPACTS: PUBLIC SHOWERS

PUBLIC SHOWERS			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Water Quality	No effect	Negligible, adverse, site-specific, short-term if new facilities are constructed	
Floodplains	No effect	No effect	
Soils	No effect	Negligible, adverse, site-specific, short-term impact if new facilities are constructed	
Vegetation	No effect	Minor, adverse, site-specific, long-term impacts	
Wildlife, Including Aquatic Resources	No additional effect	No additional effect	

PUBLIC SHOWERS			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Threatened and Endangered Species	No additional effect	No additional effect	
Natural Sound	No effect	Minor, adverse, short-term, localized impacts during construction	
Air Quality	No effect	Negligible, adverse, short-term, localized impacts during construction	
Historic Resources	No effect	No effect	
Archeological and Ethnographic Resources	No effect	No effect	
Visual Resources	No effect	Negligible, adverse, short-term, site-specific impacts during construction	
Regional and Local Communities	No effect	Negligible, positive, short-term, regional impact	
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	
Visitor Use and Experience	No effect	Negligible to moderate, positive, long-term, site-specific impacts	
Energy Consumption	No effect	Negligible, short-term, increase during construction	
Landowners In and Adjacent to Park Boundaries	No effect	No effect	

TABLE 2-30 SUMMARY OF IMPACTS: BOAT TOURS AND TRANSPORTATION (BOAT TAXI)

BOAT TOURS AND TRANSPORTATION (BOAT TAXI)			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Water Quality	Continued negligible, adverse, localized, long-term impacts from turbidity; minor adverse impacts from point source pollution	Negligible, adverse, localized, long-term impacts	
Floodplains	No effect	No effect	
Soils	Continued negligible to minor, adverse, site-specific, long-term impacts	Minor, adverse, site-specific, long-term impacts	
Vegetation	No additional effect	No additional effect	
Wildlife, Including Aquatic Resources	Continued minor, adverse, localized, long-term impacts	Minor, adverse, localized, long-term impacts	
Threatened and Endangered Species	No additional effect	Long-term, positive impact from educational opportunities. Minor to moderate, localized, adverse effects from additional boats and docks.	
Natural Sound	No additional effect	No additional effect	
Air Quality	Continued negligible, adverse, localized, long-term impacts	Negligible, adverse, localized, long-term impacts	
Historic Resources	No effect	No effect	
Archeological and Ethnographic Resources	No effect	No effect	
Visual Resources	No additional effect	No additional effect	
Regional and Local Communities	No effect	Negligible, long-term, positive impacts	

BOAT TOURS AND TRANSPORTATION (BOAT TAXI)			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	
Visitor Use and Experience	No effect	Negligible and minor, positive, long-term impacts	
Energy Consumption	No additional effect	Negligible, long-term increase	
Landowners In and Adjacent to Park Boundaries	No effect	No effect	

TABLE 2-31 SUMMARY OF IMPACTS: GUIDED INTERPRETIVE MOTOR VEHICLE TOURS AND PUBLIC TRANSPORTATION

GUIDED INTERPRETIVE MOTOR VEHICLE TOURS AND PUBLIC TRANSPORTATION			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Water Quality	No effect	No effect	
Floodplains	No effect	No effect	
Soils	No effect	No effect	
Vegetation	Continued minor, positive, widespread, long-term impacts	Minor, positive, widespread, long-term impacts	
Wildlife, Including Aquatic Resources	No additional effect	No additional effect	
Threatened and Endangered Species	No additional effect	No additional effect	
Natural Sound	No additional effect	No additional effect	
Air Quality	Continued minor, positive, widespread, long-term impacts	Continued minor, positive, widespread, long-term impacts	
Historic Resources	No effect	No effect	
Archeological and Ethnographic Resources	No effect	No effect	
Visual Resources	No effect	No effect	
Regional and Local Communities	No effect	Negligible to minor, long-term, positive impacts	
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	Potential moderate, positive, long-term, regional impacts	
Visitor Use and Experience	No effect	Negligible to moderate, positive, long-term impacts	
Energy Consumption	No additional effect	Negligible, long-term decrease	
Landowners In and Adjacent to Park Boundaries	No effect	No effect	

TABLE 2-32 SUMMARY OF IMPACTS: HORSEBACK RIDING AND HORSE PACKING SERVICES

HORSEBACK RIDING AND HORSE PACKING SERVICES				
Impact	Alternative A – Status Quo/No Action	Alternative B	Alternative C (PREFERRED)	Alternative D
Water Quality	Continued minor to moderate, adverse, widespread, long-term impacts	Minor to moderate, adverse, widespread, long-term impacts	Minor to moderate, adverse, widespread, long-term impacts	Minor to moderate, adverse, localized, long-term impacts; minor, positive, widespread, long-term impact in the Lower McDonald Creek drainage
Floodplains	No effect	No effect	No effect	No effect

HORSEBACK RIDING AND HORSE PACKING SERVICES				
Impact	Alternative A – Status Quo/No Action	Alternative B	Alternative C (PREFERRED)	Alternative D
Soils	Continued minor, adverse, localized, long-term impacts from trail use; minor, adverse, site-specific, long-term impacts from soil contamination at stables	Continued minor, adverse, localized, long-term impacts from trail use; minor, adverse, site-specific, long-term impacts from soil contamination at stables	Continued minor, adverse, localized, long-term impacts from trail use; minor, adverse, site-specific, long-term impacts from soil contamination at stables	Continued minor, adverse, localized, long-term impacts from trail use; minor, positive, site-specific, long-term impacts at Lake McDonald stables; minor, adverse, site-specific, long-term impacts at Apgar stables
Vegetation	Continued moderate, negative, long-term localized impacts	Moderate, negative, long-term localized impacts	Moderate, negative, long-term localized impacts	Moderate, negative, long-term localized impacts and negligible to minor, positive, site-specific, long-term impacts
Wildlife, Including Aquatic Resources	Continued cumulative minor to moderate, adverse, localized, long-term impacts	Minor to moderate, adverse, localized, long-term impacts	Minor to moderate, adverse, localized, long-term impacts	Minor to moderate, adverse, localized, long-term impacts
Threatened and Endangered Species	Minor to moderate, adverse impacts	Continued cumulative adverse impacts; minor to moderate, positive long-term impacts at Apgar	Continued cumulative, minor to moderate, adverse impacts at Two Medicine and St. Mary	Continued cumulative, minor to moderate, positive long-term impacts at Lake McDonald; negligible, positive, long-term impact for the gray wolf
Natural Sound	Continued negligible, negative, localized, long-term impacts	Negligible, negative, localized, long-term impacts	Negligible, negative, localized, long-term impacts	Negligible, negative, localized, long-term impacts
Air Quality	No effect	Negligible, adverse, localized, long-term impacts	No effect	No effect
Historic Resources	No effect	No effect	No effect	No effect
Archeological and Ethnographic Resources	No effect	No effect	No effect	No effect
Visual Resources	No additional effect	No additional effect	No additional effect	No additional effect
Regional and Local Communities	No effect	No effect	Negligible, positive, long-term, regional impacts	Moderate, positive, short-term, regional impacts at the Apgar stables; minor, long-term, positive impacts
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	Potential moderate, positive, long-term, regional impacts	No effect
Visitor Use and Experience	Negligible, positive, long-term and moderate, negative, short-term impacts	No effect	Moderate, positive, long-term impacts	Moderate, positive, long-term impacts
Energy Consumption	No effect	No effect	No effect	No effect
Landowners In and Adjacent to Park Boundaries	No effect	No effect	No effect	No effect

TABLE 2-33 SUMMARY OF IMPACTS: EMERGENCY ROAD SERVICES

EMERGENCY ROAD SERVICES			
Impact	Alternative A - Status Quo/No Action		
Water Quality	No additional effect		
Floodplains	No effect		
Soils	No additional effect		
Vegetation	No effect		
Wildlife, Including Aquatic Resources	No additional effect		
Threatened and Endangered Species	No additional effect		
Natural Sound	No additional effect		
Air Quality	No additional effect		
Historic Resources	No effect		
Archeological and Ethnographic Resources	No effect		
Visual Resources	No effect		
Regional and Local Communities	No additional effect		
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect		
Visitor Use and Experience	No additional effect		
Energy Consumption	No effect		
Landowners In and Adjacent to Park Boundaries	No effect		

TABLE 2-34 SUMMARY OF IMPACTS: GUIDED CROSS-COUNTRY SKIING AND SNOWSHOEING

GUIDED CROSS-COUNTRY SKIING AND SNOWSHOEING			
Impact	Alternative A - Status Quo/No Action		
Water Quality	No additional effect		
Floodplains	No effect		
Soils	No effect		
Vegetation	No additional effect		
Wildlife, Including Aquatic Resources	No additional effect		
Threatened and Endangered Species	No additional effect		
Natural Sound	No additional effect		
Air Quality	No effect		
Historic Resources	No effect		
Archeological and Ethnographic Resources	No effect		
Visual Resources	No additional effect		
Regional and Local Communities	No additional effect		
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect		
Visitor Use and Experience	No additional effect		
Energy Consumption	No effect		
Landowners In and Adjacent to Park Boundaries	No effect		

TABLE 2-35 SUMMARY OF IMPACTS: COMMERCIALY GUIDED BICYCLE TOURS

COMMERCIALY GUIDED BICYCLE TOURS			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Water Quality	No effect	No effect	
Floodplains	No effect	No effect	
Soils	No effect	No effect	
Vegetation	No effect	No effect	
Wildlife, Including Aquatic Resources	No additional effect	No additional effect	
Threatened and Endangered Species	No additional effect	No additional effect	
Natural Sound	No additional effect	No additional effect	
Air Quality	No effect	No effect	
Historic Resources	No effect	No effect	
Archeological and Ethnographic Resources	No effect	No effect	
Visual Resources	No effect	No effect	
Regional and Local Communities	Negligible, positive, long-term impact	Negligible, positive, long-term impact	
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	
Visitor Use and Experience	No effect	Negligible to minor, positive, long-term	
Energy Consumption	No effect	No effect	
Landowners In and Adjacent to Park Boundaries	No effect	No effect	

TABLE 2-36 SUMMARY OF IMPACTS: GUIDED PHOTOGRAPHY AND ART SEMINARS

GUIDED PHOTOGRAPHY AND ART SEMINARS			
Impact	Alternative A - Status Quo/No Action		
Water Quality	No additional effect		
Floodplains	No effect		
Soils	No additional effect		
Vegetation	No additional effect		
Wildlife, Including Aquatic Resources	No additional effect		
Threatened and Endangered Species	No additional effect		
Natural Sound	No additional effect		
Air Quality	No effect		
Historic Resources	No effect		
Archeological and Ethnographic Resources	No effect		
Visual Resources	No additional effect		
Regional and Local Communities	No effect		
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No additional effect		
Visitor Use and Experience	No additional effect		
Energy Consumption	No effect		
Landowners In and Adjacent to Park Boundaries	No effect		

TABLE 2-37 SUMMARY OF IMPACTS: CATERED MEAL SERVICE

CATERED MEAL SERVICE			
Impact	Alternative A		
Water Quality	No additional effect		
Floodplains	No effect		
Soils	No additional effect		
Vegetation	No additional effect		
Wildlife, Including Aquatic Resources	No additional effect		
Threatened, Endangered and Sensitive Species	No additional effect		
Natural Sound	No additional effect		
Air Quality	No effect		
Historic Resources	No effect		
Archeological and Ethnographic Resources	No effect		
Visual Resources	No additional effect		
Regional and Local Communities	No effect		
Blackfeet and Salish-Kootenai Tribes	No effect		
Visitor Use and Experience	No additional effect		
Energy Consumption	No additional effect		
Landowners In and Adjacent to Park Boundaries	No effect		

TABLE 2-38 SUMMARY OF IMPACTS: COMMERCIAL STEP-ON GUIDE SERVICE

COMMERCIAL STEP-ON GUIDE SERVICE			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Water Quality	No effect	No effect	
Floodplains	No effect	No effect	
Soils	No effect	No effect	
Vegetation	No effect	No effect	
Wildlife, Including Aquatic Resources	No effect	No effect	
Threatened and Endangered Species	No effect	No effect	
Natural Sound	No effect	No effect	
Air Quality	No effect	No effect	
Historic Resources	No effect	No effect	
Archeological and Ethnographic Resources	No effect	No effect	
Visual Resources	No effect	No effect	
Regional and Local Communities	No effect	Negligible to minor, positive, long-term, regional impacts	
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	Potential moderate, positive, long-term, regional impacts	
Visitor Use and Experience	No effect	Minor, positive, long-term impacts	
Energy Consumption	No effect	No effect	
Landowners In and Adjacent to Park Boundaries	No effect	No effect	

TABLE 2-39 SUMMARY OF IMPACTS: APGAR VILLAGE DEVELOPED AREA

APGAR VILLAGE			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C
Water Quality	Minor to negligible, adverse, localized, long-term	Minor, adverse, localized, long-term impacts	Minor, adverse, localized, long-term impacts and minor, positive,

APGAR VILLAGE			
Impact	Alternative A- Status Quo/No Action	Alternative B (PREFERRED)	Alternative C
	impacts		localized, long-term impacts
Floodplains	Negligible, site-specific, long-term, positive impacts	Negligible, site-specific, long-term, positive impacts	Negligible, site-specific, long-term, positive impacts
Soils	Minor, positive, site-specific, long-term impact	Minor, positive, site-specific, long-term impacts; negligible and minor, adverse, site-specific, long-term impacts	Minor, positive, site-specific, long-term impacts; minor, adverse, site-specific, long-term impacts
Vegetation	Negligible to minor, adverse, site-specific, long-term impacts	Minor, adverse, site-specific, long-term impacts and minor-positive, site-specific, long-term impacts	Minor and moderate, adverse, site-specific, long-term impacts and minor, positive, site-specific, long-term impacts
Wildlife, Including Aquatic Resources	Minor, adverse, localized, short-term impacts	Moderate, positive, site-specific, long-term impacts and minor, adverse, localized, long-term impacts. Minor to moderate, negative, long-term impacts	Moderate, positive, site-specific, long-term impacts; minor, adverse, localized, long-term impacts. Minor to moderate, negative, long-term impacts
Threatened and Endangered Species	Negligible to minor short-term, adverse impacts; and negligible to minor long-term impacts	Negligible to minor, short term impacts, moderate adverse impacts and negligible to minor, short-term and long-term, adverse impacts	Negligible to minor, short term impacts and moderate adverse impacts and negligible to minor, short-term , adverse impacts; minor, long-term impact
Natural Sound	Minor, adverse, short-term, localized impact	Minor, adverse, short-term and long-term, localized impact	Minor, adverse, short-term and long-term, localized impact
Air Quality	Negligible, adverse, short-term, localized impacts	Negligible, adverse, long-term, localized impacts	Negligible, adverse, long-term, localized impacts
Historic Resources	No effect	No effect	No effect
Archeological and Ethnographic Resources	No effect	No effect	No effect
Visual Resources	Minor, adverse, short-term, site-specific impacts	Moderate, positive, site-specific, long-term impacts	Major, positive, site-specific, long-term impacts
Regional and Local Communities	Negligible positive, short-term, impact	Negligible, positive, short-term, regional impact; negligible to minor, adverse, short-term, regional impact; negligible to minor, long-term, positive impacts	Moderate, positive, short-term, regional impact; negligible to minor, adverse, short-term, regional impact; negligible to minor, long-term, positive impacts
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	No effect
Visitor Use and Experience	Negligible, short-term, negative impacts from construction; minor long-term, positive impacts	Moderate and negligible, long-term, positive and moderate, negative, long-term impacts on visitor experience; local, short-term, negative impact from construction	Major long-term, positive impact on overall visitor experience; major long-term, negative impact on some visitors
Energy Consumption	Negligible, short-term increase in parkwide energy consumption	Negligible, long-term increase in parkwide energy consumption	Negligible, long-term increase in parkwide energy consumption
Landowners In and Adjacent to Park Boundaries	Minor, adverse, short-term, site-specific impacts	Minor, adverse, long-term site-specific impacts	Minor, adverse, long-term site-specific impacts and major, positive, long-term impacts on landowners of the property behind the existing Village Inn

TABLE 2-40 SUMMARY OF IMPACTS: LAKE McDONALD DEVELOPED AREA

LAKE McDONALD			
Impact	Alternative A- Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
Water Quality	Minor to negligible, adverse, localized, long-term impacts	Minor, adverse, localized, long-term impacts	Minor, adverse, localized, long-term impacts
Floodplains	No effect	Negligible, localized, long-term, positive impacts	Negligible, localized, long-term, positive impacts
Soils	Negligible, adverse, site-specific, short-term impact	Minor, positive, site-specific, long-term impacts and minor, adverse, site-specific, long-term impacts	Minor, positive, site-specific, long-term impacts and minor, adverse, site-specific, long-term impacts
Vegetation	Negligible to minor, adverse, site-specific, long-term impacts	Minor, adverse, site-specific, long-term impacts	Minor, adverse, site-specific, long-term impacts
Wildlife, Including Aquatic Resources	Minor, adverse, localized, short-term impacts	Minor and minor to moderate, adverse, localized, long-term impacts	Minor and minor to moderate, adverse, localized, long-term impacts
Threatened and Endangered Species	Minor short-term, adverse impacts and minor long-term, adverse impact	Minor, short-term adverse impacts; negligible long-term, positive impact; minor long-term adverse impacts; minor and minor to moderate adverse short-term and long-term impacts	Minor, short-term adverse impacts; negligible long-term, positive impact; minor long-term adverse impacts; minor and minor to moderate adverse short-term and long-term impacts
Natural Sound	Minor, adverse, short-term, localized impact	Minor, adverse, short-term and long-term, localized impact	Minor, adverse, short-term and long-term, localized impact
Air Quality	Negligible, adverse, short-term, localized impacts	Negligible, adverse, long-term, localized impacts	Negligible, adverse, long-term, localized impacts
Historic Resources	Moderate to major, positive, long-term, site-specific impacts	Moderate to major, positive, long-term, site-specific impacts on historic buildings and potential moderate to major, adverse, site-specific, long-term impacts on historic district	Moderate to major, positive, long-term, site-specific impacts on historic buildings and potential moderate to major, adverse, site-specific, long-term impacts on historic district
Archeological and Ethnographic Resources	Moderate to major, long-term, site-specific positive impacts	Moderate to major, long-term, site-specific positive impacts; moderate long-term, site-specific, adverse impacts.	Moderate to major, long-term, site-specific positive impacts; moderate long-term, site-specific, adverse impacts
Visual Resources	Minor, adverse, short-term, site-specific impacts	Moderate, positive, site-specific, long-term, adverse impacts and moderate, adverse, site-specific, long-term impacts	Major, positive, site-specific, long-term impacts and moderate, adverse, site-specific, long-term impacts
Regional and Local Communities	Minor positive, short-term, impact	Minor, positive, short-term, regional impact; negligible to minor, adverse, short-term, regional impact; minor and negligible to minor, long-term, positive impacts	Minor, positive, short-term, regional impact; negligible to minor, adverse, short-term, regional impact; minor and negligible to minor, long-term, positive impacts
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	No effect
Visitor Use and Experience	Negligible short-term, negative impacts from construction; moderate long-term, positive impacts	Negligible short-term, negative impacts from construction; major long-term, positive impact; negligible, negative impact from reduction in rooms	Negligible short-term, negative impacts from construction; major long-term, positive impact by separating employee/guest areas

LAKE MCDONALD			
Impact	Alternative A- Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
Energy Consumption	Negligible, short-term increase in parkwide energy consumption	Negligible, long-term increase in parkwide energy consumption	Negligible, long-term increase in parkwide energy consumption
Landowners In and Adjacent to Park Boundaries	Minor, adverse, short-term, site-specific impacts	Minor, adverse, short-term, site-specific impacts	Minor, adverse, short-term, site-specific impacts

TABLE 2-41 SUMMARY OF IMPACTS: RISING SUN DEVELOPED AREA

RISING SUN			
Impact	Alternative A- Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
Water Quality	Minor to negligible, adverse, localized, long-term impacts	Negligible, adverse, localized, long-term impacts	Negligible, adverse, localized, long-term and minor, positive, localized, long-term impacts
Floodplains	Moderate, localized, long-term, adverse impact	Moderate, localized, long-term, adverse impact	Moderate, localized, long-term, adverse impact
Soils	Negligible, adverse, site-specific, short-term impact	Negligible and minor, adverse, site-specific, long-term impacts and minor, positive, site-specific, long-term impacts	Negligible and minor, adverse, site-specific, long-term impacts and minor, positive, site-specific, long-term impacts
Vegetation	Negligible to minor, adverse, site-specific, long-term impacts	Minor, adverse, site-specific, long-term impacts	Minor, adverse, site-specific, long-term impacts
Wildlife, Including Aquatic Resources	Minor, adverse, localized, short-term impacts	Minor to moderate, adverse, localized, long-term impacts	Minor to moderate, adverse, localized, long-term impacts
Threatened and Endangered Species	Minor short-term, adverse impacts	Minor short-term, adverse impacts and minor to moderate, long-term, localized, adverse impacts; negligible short-term adverse impacts; minor to moderate, adverse, short-term impacts during spring or fall; moderate short-term, adverse impacts in winter	Minor short-term, adverse impacts, minor to moderate long-term, localized, adverse impacts and negligible, short-term, adverse impacts in summer; minor to moderate adverse, short-term impacts in spring or fall; moderate short-term impacts in winter
Natural Sound	Minor, adverse, short-term, localized impact	Minor, adverse, short-term and long-term, localized impact	Minor, adverse, short-term and long-term, localized impact
Air Quality	Negligible, adverse, short-term, localized impacts	Negligible, adverse, long-term, localized impacts	Negligible, adverse, long-term, localized impacts
Historic Resources	Moderate to major, positive, long-term, site-specific impacts	Moderate to major, positive, long-term, site-specific impacts	Moderate to major, positive, long-term, site-specific impacts
Archeological and Ethnographic Resources	Negligible to minor, long-term, positive, site-specific	Negligible to minor, long-term, positive, site-specific	Negligible to minor, long-term, positive, site-specific
Visual Resources	Minor, adverse, short-term, site-specific impacts	Moderate, adverse, site-specific, long-term impacts	Moderate, adverse, site-specific, long-term impacts
Regional and Local Communities	Negligible positive, short-term, impact	Minor, positive, short-term, regional impact; negligible to minor, adverse, short-term, regional impact; negligible to minor, long-term, positive impacts	Minor, positive, short-term, regional impact; negligible to minor, adverse, short-term, regional impact; negligible to minor, long-term, positive impacts
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	No effect
Visitor Use and Experience	Negligible short-term, negative impacts from construction; negligible long-term, positive impacts from improvements	Negligible short-term, negative impacts from construction; minor long-term, positive impacts; moderate long-term,	Negligible short-term, negative impacts from construction; minor long-term, positive impacts; moderate long-term,

RISING SUN			
Impact	Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
		positive impact	positive impact
Energy Consumption	Negligible, short-term increase in parkwide energy consumption	Negligible, long-term increase in parkwide energy consumption	Negligible, long-term increase in parkwide energy consumption
Landowners In and Adjacent to Park Boundaries	No effect	No effect	No effect

TABLE 2-42 SUMMARY OF IMPACTS: TWO MEDICINE DEVELOPED AREA

TWO MEDICINE			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
Water Quality	Minor to negligible, adverse, localized, short-term impacts	Minor, adverse, localized, long-term impacts	
Floodplains	Moderate, localized, long-term	Moderate, localized, long-term	
Soils	Negligible, adverse, site-specific, short-term impact	Negligible long-term, site-specific adverse impact from ground disturbance; minor, positive, site-specific, long-term impact from soil restoration	
Vegetation	Negligible to minor, adverse, site-specific, long-term impacts	Negligible and minor, adverse, site-specific, long-term impacts and minor-positive, site-specific, long-term impacts	
Wildlife, Including Aquatic Resources	Minor, adverse, localized, short-term impacts	Minor, adverse, localized, long-term impacts; negligible, negative, long-term impacts	
Threatened and Endangered Species	Minor to negligible, short-term, localized, adverse impacts	Minor to negligible and negligible, short-term and long-term, localized adverse impacts	
Natural Sound	Minor, adverse, short-term, localized impact	Minor, adverse, short-term, localized impact; negligible, negative, long-term impacts	
Air Quality	Negligible, adverse, short-term, localized impacts	Negligible, adverse, short-term, localized impacts	
Historic Resources	Moderate, positive, long-term, site-specific impacts	Moderate to major, positive, long-term, site-specific impacts	
Archeological and Ethnographic Resources	Minor, long-term, positive	Minor, long-term, positive	
Visual Resources	Negligible to minor, adverse, short-term, site-specific impacts	Moderate, positive, site-specific, long-term impacts	
Regional and Local Communities	Negligible positive, short-term, impact	Negligible, positive, short-term, regional impact; negligible to minor, adverse, short-term, regional impact; negligible to minor, long-term, positive impacts	
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	
Visitor Use and Experience	Negligible short-term, negative impacts from construction; negligible long-term, positive impacts	Negligible short-term, negative impacts from construction; moderate mid-term, negative impacts; minor to major long-term,	

TWO MEDICINE			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	
		positive impacts	
Energy Consumption	Negligible, short-term increase in parkwide energy consumption	Negligible, short-term increase in parkwide energy consumption	
Landowners In and Adjacent to Park Boundaries	No effect	No effect	

TABLE 2-43 SUMMARY OF IMPACTS: MANY GLACIER DEVELOPED AREA

MANY GLACIER			
Impact	Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
Water Quality	Negligible to minor, adverse, localized, long-term impact	Minor, adverse, localized, long-term impact	Minor, adverse, localized, long-term impact
Floodplains	No effect	No effect	No effect
Soils	Negligible, adverse, site-specific, short-term impact	Negligible to minor, adverse, site-specific, long-term impact	Negligible and minor, adverse, site-specific, long-term impact
Vegetation	Negligible to minor, adverse, site-specific, long-term impacts	Negligible and minor, adverse, site-specific, long-term impacts and minor, positive, site-specific, long-term impacts	Negligible and minor, adverse, site-specific, long-term impacts and minor, positive, site-specific, long-term impacts
Wildlife, Including Aquatic Resources	Minor, adverse, localized, long-term impacts	Minor to moderate, adverse, localized, long-term impacts	Minor to moderate, adverse, localized, long-term impacts
Threatened and Endangered Species	Minor long-term, localized, adverse impacts on some species; minor to negligible, short-term, adverse impacts	Minor long-term, localized, adverse impacts on some species. During construction, minor to negligible, short-term, adverse impacts; negligible short-term, adverse impacts in summer; minor to moderate short-term, adverse impacts in spring and fall; moderate to major short-term, adverse impacts in winter; negative, minor to moderate, long-term	Minor long-term, localized, adverse impacts on some species. During construction, minor to negligible, short-term, adverse impacts; negligible short-term, adverse impacts in summer; minor to moderate short-term, adverse impacts in spring and fall; moderate to major short-term, adverse impacts in winter; negative, minor to moderate, long-term
Natural Sound	Minor, adverse, short-term, localized impact	Minor, adverse, short-and long-term, localized impact	Minor, adverse, short and long-term, localized impact
Air Quality	Negligible, adverse, short-term, localized impacts	Negligible, adverse, short-term, localized impacts	Negligible, adverse, short-term, localized impacts
Historic Resources	Moderate to major, positive, long-term, site-specific impacts	Moderate to major, positive, long-term, site-specific impacts	Moderate to major, positive, long-term, site-specific impacts on historic buildings and potential, minor, adverse, site-specific, long-term impacts on historic district
Archeological and Ethnographic Resources	Positive and negative impacts	Negligible to minor, adverse and minor, positive, long-term impacts	Minor, adverse, long-term impacts
Visual Resources	Minor, adverse, short-term, site-specific impacts	Moderate, positive, site-specific, long-term impacts and minor, adverse, site-specific, long-term impacts	Moderate, positive, site-specific, long-term impacts and moderate, adverse, site-specific, long-term impacts
Regional and Local Communities	Minor positive, short-term, impact	Minor, positive, short-term, regional impact; negligible to minor, adverse, short-term, regional impact;	Minor, positive, short-term, regional impact; negligible to minor, adverse, short-term, regional impact;

MANY GLACIER			
Impact	Alternative A - Status Quo/No Action	Alternative B	Alternative C (PREFERRED)
		negligible to minor, long-term, positive impacts	negligible to minor, long-term, positive impacts
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	No effect
Visitor Use and Experience	Localized, minor to moderate, adverse impacts during construction; major long-term, positive impact	Moderate, negative long-term impacts on wildlife and moderate, positive, long-term impacts	Major, long-term, positive impacts on visitors; negative, moderate, long-term impacts on wildlife
Energy Consumption	Negligible, short-term increase in parkwide energy consumption	Negligible, short-term increase in parkwide energy consumption	Negligible, long-term increase in parkwide energy consumption
Landowners In and Adjacent to Park Boundaries	No effect	No effect	No effect

TABLE 2-44 SUMMARY OF IMPACTS: SWIFTCURRENT DEVELOPED AREA

SWIFTCURRENT			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C
Water Quality	Minor to negligible, adverse, localized, long-term impacts	Minor to negligible, adverse, localized, long-term impacts	Minor to negligible, adverse, localized, long-term impacts
Floodplains	No effect	No effect	No effect
Soils	Negligible, adverse, site-specific, short-term impact	Minor, adverse, site-specific, long-term impact	Minor, adverse, site-specific, long-term impact
Vegetation	Negligible to minor, adverse, site-specific, long-term impacts	Minor to moderate, adverse, site-specific, long-term impacts	Minor to moderate, adverse, site-specific, long-term impacts
Wildlife, Including Aquatic Resources	Minor to negligible, adverse, localized, short-term impacts	Minor to moderate, adverse, localized, long-term impacts	Minor to moderate, adverse, localized, long-term impacts
Threatened and Endangered Species	Minor short-term, adverse impacts	Minor short-term, adverse impacts; negligible short-term, adverse impacts in summer; minor to moderate short-term, adverse impacts in spring/fall; moderate to major short-term, adverse impacts in winter; negligible to minor, localized impacts; negative, minor to moderate, long-term	Minor short-term, adverse impacts; negligible short-term, adverse impacts in summer; minor to moderate short-term, adverse impacts in spring/fall; moderate to major short-term, adverse impacts in winter; negative, minor to moderate, long-term
Natural Sound	Minor, adverse, short-term, localized impact	Minor, adverse, short-term and long-term, localized impact	Minor, adverse, short-term and long-term, localized impact
Air Quality	Negligible, adverse, short-term, localized impacts	Negligible, adverse, long-term, localized impacts	Negligible, adverse, long-term, localized impacts
Historic Resources	Moderate to major, positive, long-term, site-specific impacts	Moderate to major, positive, long-term, site-specific impacts on historic buildings and potential minor to moderate, adverse, site-specific, long-term impacts on historic district	Moderate to major, positive, long-term, site-specific impacts on historic buildings and potential minor to moderate, adverse, site-specific, long-term impacts on historic district
Archeological and Ethnographic Resources	Negligible to minor, positive, site-specific, long-term	Negligible to minor, positive, site-specific, long-term	Negligible to minor, positive, site-specific, long-term
Visual Resources	Minor, adverse, short-term, site-specific impacts	Moderate, adverse, site-specific, long-term impacts	Moderate, adverse, site-specific, long-term impacts
Regional and Local Communities	Negligible positive, short-term, impact	Minor, positive, short-term, regional impact; negligible to minor, adverse, short-term, regional impact;	Minor, positive, short-term, regional impact; negligible to minor, adverse, short-term, regional impact;

SWIFTCURRENT			
Impact	Alternative A - Status Quo/No Action	Alternative B (PREFERRED)	Alternative C
		negligible to minor, long-term, positive impacts	negligible to minor, long-term, positive impacts
Blackfeet Tribe and Confederated Salish and Kootenai Tribes	No effect	No effect	No effect
Visitor Use and Experience	Negligible short-term, negative impacts during construction; minor long-term, positive impacts from overall improvements	Moderate, negative and positive, long-term impacts	Minor, positive, long-term impacts
Energy Consumption	Negligible, short-term increase in parkwide energy consumption	Negligible, long-term increase in parkwide energy consumption	Negligible, long-term increase in parkwide energy consumption
Landowners In and Adjacent to Park Boundaries	No effect	No effect	No effect