

FY2007 Project Summaries

Burnt Tree Hole FAS Boat Ramp Replacement

Project Summary: Replace dilapidated boat ramp, improve roadways and barriers

Project Purpose: Protect riverbanks from dispersed public use while providing river access for anglers and floaters.

Hebgen Reservoir Bathymetric Map

Project Summary: Produce a bathymetric map for Hebgen Reservoir using GPS and sonar.

Project Purpose: Reduce the potential for boater accidents due to unsafe boating conditions in shoreline areas, bays, and areas near public boat launches due to decreased reservoir levels during summer months.

Raynolds' Pass FAS Parking Area and Latrine

Project Summary: Construct a parking area with latrine on the east side of Hwy 87 in place of a user-pioneered informal parking area. Would include a safe highway approach, short road, and gravel parking lot, all lined with boulders to constrict vehicles to hardened surfaces.

Project Purpose: To formalize access and parking to the area and confine vehicle access to allow revegetation and reduce erosion and sedimentation caused by current use.

Madison River Special Recreation Permit Program

Project Summary: Initiate a Special Recreation Permit program for commercial use, competitive events and organized groups on BLM and FWP lands within the Madison River corridor.

Project Purpose: Improve the ability to monitor and gather user information, reduce and mitigate conflicts between user groups, improve relationships with landowners along the river, manage impacts to resources caused by recreational use, promote responsible use of public land, and raise funds for maintaining recreation facilities and access roads.

Lonesomehurst Boat Ramp Repair

Project Summary: Refurbish old boat ramp.

Project Purpose: Ensure safe boat launching all season, curtail use of a non-designated launch site, and avoid future shoreline damage.

Clark's Bay Access Enhancement

Project Summary: Asphalt pave two parking areas and swim beach trails and chip seal two parking areas.

Project Purpose: Complete planned development (previously prevented by funding shortfall), enhance universal accessibility, protect water quality from erosion and run-off, meet new fee site requirement under FLREA, and protect investment by extending the life of the asphalt.

Devil's Elbow/Two Camps Chip Sealing

Project Summary: Chip seal all existing asphalt surfaces (roadways and parking lots) within the Devil's Elbow and Two Camps sites.

Project Purpose: Maintain asphalt surfaces in good condition and protect substantial past investments by extending the life of the existing pavement 8-10 years.

White Sandy – Phase III Improvements

Project Summary: Final improvement work for White Sandy.

Project Purpose: Complete development in order to open the new site by Memorial Day Weekend 2007 and fulfill mandates established by FERC under Project #2188 and agreements between BLM and FWP.

Black Sandy State Park Dump Station Expansion

Project Summary: Install a large pumpable RV sewage dump station.

Project Purpose: Expand on the existing RV dump station in order to accommodate anticipated use from White Sandy campground beginning in 2007 and avoid a raw sewage crisis.

Causeway FAS Parking Improvements

Project Summary: Rebuild and widen the pull-off shoulder parking area along the south side of the Causeway Fishing Access Site.

Project Purpose: Safety for bank fishers (would deter parking in driving lanes), decreased bank erosion into Lake Helena, increased fish habitat.

Giant Springs State Park Fishing Platforms

Project Summary: Install five ADA accessible fishing platforms at the Children's Fishing Pond.

Project Purpose: Provide safe access to the fishing pond for children and the handicapped public and mitigate current soil compaction, soil erosion, and loss of vegetative cover due to use of the site.

Mid Canon FAS Improvements

Project Summary: Enhance the design, layout, and facilities, including asphalt paving the access road, installing a new ADA vault toilet, relocating existing vault toilet, and designating boat trailer parking area and camping sites.

Project Purpose: Mitigate landowner concerns of traffic and road dust, reduce frequency of flooding of existing vault toilet, provide an additional toilet nearer boat launch area, protect riparian areas from impacts to soil, vegetation, and trees as a result of camping.

River's Edge Trail Resurfacing

Project Summary: Install 9,400 linear feet of asphalt overlay, repair a 10x40 foot section of slumped trail, and re-establish the yellow centerline stripe.

Project Purpose: Mitigate against numerous problems and safety concerns associated with cracking and surface degradation noted in on-site inspection.

Widow Coulee FAS Boat Launch Improvements

Project Summary: Install a rock barb just upstream of the concrete boat launch.

Project Purpose: Redirect the current of the Missouri River to enhance the public's ability to safely launch boats.

Preserving the Trails

Project Summary: Purchase and acquisition of three subdivided parcels of land along the north shore of the Missouri River, directly across from the Lewis and Clark Interpretive Center, that were listed for sale in early Spring 2006.

Project Purpose: Preserve the viewshed from the Interpretive Center and Giant Springs State Park, provide a key link for expansion of the River's Edge Trail on the north bank, provide for public access of the site, and prevent unwanted development.

Missouri-Madison River Education & Outreach

Project Summary: Production of a multi-faceted public education and outreach program.

Project Purpose: Encourage responsible river recreation and promote resource stewardship on the Missouri-Madison River corridors

FY2008 Project Summaries

Canaday Boat Launch Safety Improvements

Project Summary: Remove existing “beaverslide” style boat ramp and replace with a standard back-in boat ramp.

Project Purpose: To address safety concerns and ensure safe boat launching.

Burnt Tree Hold FAS Boat Ramp and Site Enhancements

Project Summary: Relocate and rebuild boat ramp and perform site upgrades. Engineering assessment identified greater rehabilitation needs than anticipated with 2006 application.

Project Purpose: Protect shoreline from erosion and impacts due to launching at non-designated spots and provide quality recreational access and facilities along the Madison River.

Headwaters Trail System, Madison River Bridge

Project Summary: Construct pedestrian bridge across the Madison River.

Project Purpose: To adjoin two recreational trail systems in the Three Forks and Missouri Headwaters State Park areas.

Madison River Noxious Weed Control and Education Project

Project Summary: Program to address noxious weed control and prevention along the Madison River below Hebgen Lake to Black’s Ford FAS by treating the river corridor, Fishing Access Sites, and Ennis Lake, by contributing to the Madison River Pilot Grazing Project, and by providing educational materials and training days.

Project Purpose: To treat, prevent, and educate recreationists about noxious weed control.

Hebgen Reservoir Shoreline Protection

Project Summary: Designated camp spots in dispersed camping areas along the West shore of Hebgen Lake.

Project Purpose: Phase I of a two-phase project to address impacts from dispersed camping. Designating campsites in previously dispersed use areas will help address soils impacts, destruction of lakeshore vegetation, and degradation of riparian habitat.

Devil's Elbow Boat Ramp Extension

Project Summary: Upgrade the existing concrete boat ramp by extending its length under water by 20 feet.

Project Purpose: To permanently correct safety hazards, trailer property damages, siltation problems, and frequent maintenance costs.

Lake Helena Fishing Access Site Development

Project Summary: Develop a Fishing Access Site for recreational access on the North shore of Lake Helena.

Project Purpose: To provide recreational access to Lake Helena, where there is currently no formal access point other than the Causeway and no designated boat launch.

Sanders Property Acquisition

Project Summary: Reimburse the Lewis and Clark Interpretive Center Foundation for a portion of the purchase price of the Sanders property, a 2.5-acre home site directly across the Missouri River from the Lewis & Clark Interpretive Center.

Project Purpose: Project assists in the purchase of the property and demolition of the home.

FY2009 Project Summaries

Windy Point Boat Launch

Project Summary: The project would develop a site to address user-pioneered parking and boat launching as well as safety issues on the upper Madison River. Site improvements would include a gravel access road, parking area, concrete boat ramp, vault toilet, boat tie-off area, information signs, and vehicle barriers as needed.

Project Purpose: To continue to allow public use while meeting safety standards for the access road and boat launch.

Cherry Creek Easement Acquisition

Project Summary: This project would assist with purchase of a perpetual easement on a 2.25-acre parcel on the lower Madison River from DNRC to allow future recreation development and site management by FWP/BLM.

Project Purpose: To address on-going dispersed and unmanaged public use on this State trust parcel.

Sun River Boat Launch

Project Summary: This project would develop a carry-in boat launch facility on city-owned property on the Sun River near Great Falls, providing for a float terminating at Oddfellows Park Take-Out Ramp on the Missouri River. Site improvements would include a ramp, access road, parking area, and post and cable barriers.

Project Purpose: Provide currently unavailable access for non-motorized boating on the lower Sun River.

Craig FAS Improvements

Project Summary: This project would allow improvement of existing campsites, creation of a camp host pad, and paving of the parking area. Night lighting would be added to address public safety.

Project Purpose: To increase the management presence for fee collection and adherence to posted regulations, and to address on-going dust problems during summer months.

Roe River Bridge Reconstruction

Project Summary: This project would remove an existing deteriorated and failing footbridge in Giant Springs State Park, replacing it with a new footbridge that retains the original historic character.

Project Purpose: To maintain the original circulation pattern of the park, continue to meet ADA requirements and provide universal accessibility for park visitors.

FY2010 Project Summaries

Spring Creek Day Use Development

Project Summary: This project includes improvement of a parking area, construction of a footpath and access trail for launching small non-motorized watercraft, and installing picnic tables and signage in a shoreline area that has been impacted from motor vehicles. The area was recently closed to motor vehicles and camping.

Project Purpose: To provide alternative water access for day users and small, hand-launched watercraft adjacent to a camping area.

Black Eagle Memorial Island Improvement Project

Project Summary: This project would place an asphalt overlay on a 90-foot section of railroad track imbedded in the roadway at Black Eagle Island. The track currently poses a safety hazard to trail users and creates problems for winter snow plowing. The project would also add a handicap accessible public drinking fountain near an existing parking area and picnic shelter.

Project Purpose: To address a safety issue (imbedded railroad tracks) and provide drinking water for site visitors.

Roe Island Rock Wall Rehabilitation Project

Project Summary: The project would allow for rehabilitation work to the retaining wall around Roe Island at Giant Springs State Park. Deterioration of the wall and loss of material behind the wall is causing slumping of the island turf, which poses a safety concern to site visitors.

Project Purpose: To repair the wall and underlying material to ensure public safety and continued access to Roe Island. Completing the project in conjunction with a reservoir drawdown scheduled for the upcoming Rainbow Powerhouse Redevelopment Project would result in significant cost savings over doing the project at a later date as there will be no need to dewater the area around the wall to perform the rehab.

Hebgen Reservoir Deepwater Boat Ramp

Project Summary: This project would fund a boat ramp extension at a private marina on the north shore of Hebgen Lake, which would allow for public boat launching during low water conditions.

Project Purpose: To ensure public boat access to Hebgen Lake during years when low water conditions occur.

Lonesomehurst Boat Ramp Improvement

Project Summary: This application is a submission for additional funding to complete boat ramp improvements following design and engineering review. The project would repair an existing boat ramp at Lonesomehurst Campground. The ramp is the only public boat launch on the west shore of Hebgen Lake.

Project Purpose: To address unsafe ramp conditions at an existing launch facility and extend the use period for launching.

Mid-Canon FAS Parking Improvement Project

Project Summary: This project would expand this heavily-used site's gravel parking areas and delineate parking slots for site visitors and shuttle vehicles.

Project Purpose: To accommodate growing public use of the site in a safe and organized manner.

Hebgen Reservoir Bathymetric Map Printing

Project Summary: This project would fund printing of 5,000 copies of the Hebgen Lake Bathymetric & Recreation Facilities Map.

Project Purpose: To cover additional map printing after a significant cost increase was incurred during the first run of the project.

Pelican Point Road Rebuild

Project Summary: This project would rebuild approximately one-half mile of the road with appropriate sub-base and top gravel layer, install culverts, and construct drainage ditches along both flanks of the access road at Pelican Point FAS.

Project Purpose: To upgrade the existing road with a proper sub-base to support long-term road grading and maintenance.

Madison River Special Recreation Permit Program Expansion

Project Summary: The project would expand the SRP program by funding a year-round river ranger position through the end of the biennium (June 2011) and providing watercraft for conducting river patrols.

Project Purpose: To carry the program through the last year of the current biennium with a full-time river ranger and watercraft.

FY2011 Project Summaries

Damselfly FAS development

Project Summary: Develop basic facilities at Damselfly FAS on the lower Madison River, including signage, entrance road and parking area improvements, and installation of a latrine and concrete boat ramp.

Project Purpose: To facilitate angling and recreation activities while accommodating existing use and protecting the resource.

Rainbow Point Dock Repair

Project Summary: Construct a non-floating, fixed dock hinged to the existing floating dock to allow movement of sand along the shoreline and beneath the new fixed dock.

Project Purpose: This will prevent the floating dock from settling on uneven ground surfaces when Hebgen Lake levels drop.

Lonesomehurst dock

Project Summary: Install a boat dock adjacent to the new boat ramp.

Project Purpose: To create a safe, efficient, and convenient structure and to alleviate issues during boat launching related to prominent winds at the site.

Log Gulch and Departure Point chip seal

Project Summary: Chip seal all existing asphalt surfaces (including all roadways and parking lots, a total of 25,835 sq yds) at Log Gulch, Departure Point, and the portion of the Beartooth Road that connects the two sites on the shoreline of Holter Lake.

Project Purpose: Maintain asphalt surfaces in good condition and protect substantial past investments by extending the life of the existing pavement 8-10 years.

York Bridge FAS dock replacement

Project Summary: Replace a dilapidated 40-foot floating dock with a new 8' x 60' roll-in dock.

Project Purpose: The new dock will be easier to install and will provide additional dock length and width to increase accessibility, public safety, and user satisfaction.

West Bank Park boat launch

Project Summary: Install a carry-in boat launch for use by small non-motorized watercraft at West Bank Park in Great Falls.

Project Purpose: To provide launching facility on the west shoreline; only existing opportunities are along east shoreline.

FY2012 Project Summaries

White Sandy shoreline stabilization

Project Summary: Install core rock, gravel, and riprap along the northeast shoreline of White Sandy Recreation Area. Additional benefit is creation of a 12-foot-wide walkway along the shoreline.

Project Purpose: To stabilize the shoreline that has been aggressively eroded by wave action.

River's Edge Trail maintenance plan

Project Summary: Produce a formal maintenance plan for the River's Edge Trail, including a trail and facility inventory, identification of the entity that owns each segment/facility, and maintenance goals for those facilities and segments.

Project Purpose: To ensure common goals among stakeholders and long-term maintenance of the trail system.

Wilderness Boat Launch enhancements

Project Summary: Install rollers on metal rails of the existing ramp, pour concrete beneath and alongside the ramp, and widen the pull-out area near the ramp.

Project Purpose: To improve an existing ramp that provides floater access to the Madison River and Bear Trap Canyon Wilderness, to improve the safety for recreationists using the ramp, and reduce congestion and conflict between recreationists and powerhouse employees.

Fairweather FAS site rehabilitation

Project Summary: Repair and re-establish internal roadways, parking areas, and boat ramp.

Project Purpose: To rehabilitate the site, which was damaged by flood waters in spring 2011.

Hebgen Lake public information signs

Project Summary: Construct and install 27 information boards at public access sites around Hebgen Lake.

Project Purpose: To provide organized and centralized distribution of information to the recreating public.

Ennis FAS site upgrades

Project Summary: Rebuild and relocate the site access road, which will include installation of a concrete ford.

Project Purpose: To alleviate annual site damage and washing of access road due to flooding and ice gouging.

Black Sandy pier replacement

Project Summary: Replace an ADA-accessible fishing pier.

Project Purpose: The existing pier is slumping into the water and limiting use.

FY2013 Project Summaries

Lewis and Clark Overlook Repairs

Project Summary: Replace site amenities that were removed due to the landslide that began in 2009, including interpretive panels, a picnic table and pavilion, and three benches.

Project Purpose: To provide seating and picnic facilities with ADA-accessibility.

White Sandy Chip Seal

Project Summary: Chip seal all existing asphalt surfaces at White Sandy and a portion of the Hauser Dam Road.

Project Purpose: To extend the life the existing asphalt surfaces at White Sandy Recreation Area.

Cherry Creek Campground Renovation

Project Summary: Renovate Cherry Creek Campground on Hebgen Lake.

Project Purpose: To improve and increase camping opportunities at the site, as well as facilitate fishing, primitive boat launching, and picnicking while protecting natural resources.

Giant Springs State Park Sandstone Steps and Railing Rehabilitation

Project Summary: Rehabilitate historic steps and railing in Giant Springs State Park.

Project Purpose: To stop deterioration of the sandstone steps and railing, remove safety hazards, restore integrity, and increase accessibility.

Greycliff FAS Campground Improvements

Project Summary: Improve and expand camping opportunities at the southern camping area of the site and provide walk-in access to the day use area.

Project Purpose: To protect resources and increase recreational opportunities.

Broadwater Bay Ramp Replacement

Project Summary: Replace the 33-year-old deteriorated boat ramp with a 30' x 50' push-in concrete slab.

Project Purpose: To improve accessibility for motorized and nonmotorized boats.

Kirby Area picnic table replacement

Project Summary: Install picnic tables with new, ADA-accessible tables at Riverview Campground and the Kirby and Eagles Nest Day Use Areas.

Project Purpose: To replace 18 tables that were removed due to deteriorated conditions.

Headwaters State Park parking area rehabilitation

Project Summary: Remove a 30-year-old asphalt surface, repair the failed subbase, and re-asphalt surface at Headwaters State Park.

Project Purpose: To rehabilitate the existing parking area at the primary day use and interpretive areas of the park.

Headwaters State Park Legacy Trail paving

Project Summary: Pave a 3,800-foot section of the Legacy Trail in Missouri Headwaters State Park.

Project Purpose: To link the park to the existing Headwaters Trail System and provide a safer, off-highway route for bicyclists.

Madison Byways Golf Course Connection Trail

Project Summary: Construct the 6-foot wide elevated, concrete Golf Course Connection Trail

Project Purpose: To provide a non-motorized access route between the northeast section of Ennis and other routes that provide access to the Madison River shoreline.

FY2014 Project Summaries

Meriwether-Coulter Dock System Replacement

Project Summary: Replacement of failing dock systems at the Meriwether Picnic Area and Coulter Campground, which are project 2188 sites located in the Gates of the Mountains area on Holter Lake. The main point of entry to the sites is by water, so adequate docking is a necessity for the general public as well as the Gates of the Mountains, Inc. tour boat company permitted by the Forest Service to use the site. The new systems will be permanent, year-round structures that are ADA compliant.

Project Purpose: To provide safe, reliable public access to this popular recreation site from the waterway.

Rainbow Scenic Overlook Landslide Monitoring

Project Summary: Install ground water monitoring equipment and slope inclinometers at the scenic overlook (a project 2188 site). Project includes monitoring only; mitigation options will be examined though not funded under this project.

Project Purpose: To determine causes of and appropriate mitigation options for a landslide that is threatening the overlook parking area and interpretive platform.

Clark's Bay Boat Ramp Modification

Project Summary: Replacement of the existing boat ramp at this project 2188 site on Hauser Reservoir, which is a series of interconnected concrete slabs. The new ramp will be a reinforced monolithic concrete ramp.

Project Purpose: To mitigate for damage caused by annual ice buildup, which relocates the existing ramp slabs each winter.

Rainbow Point Dock Floating Section Replacement

Project Summary: Replacement of the deteriorating floating dock sections at this 2188 site with new EZ Dock floating sections that will be anchored to a fixed pier that was constructed with a FY2011 River Fund grant.

Project Purpose: To provide safe and secure docking and as well as resource protection.

River's Edge Trail Drop-Off Repairs

Project Summary: Repair the dropped-off shoulder areas and sloughing sections of the project 2188 portion of the River's Edge Trail on the south shoreline of Black Eagle and Rainbow Reservoirs in Great Falls.

Project Purpose: To provide safe surfaces for trail users.

Kobayashi Beach Parking Lot

Project Summary: Construct a 22-space parking lot on BLM land across the county road from this highly used project 2188 site. Parking congestion has increased in recent years and has created safety issues on the county access road.

Project Purpose: To reduce congestion and improve emergency access on the county road and throughout the site.

North Park Improvements

Project Summary: Construct a walking path, picnic pavilion, and climbing wall at this project 2188 site. The path will tie into an existing trail that provides access to the site but currently has no walking surface beyond the entrance. The path will be ADA accessible and the pavilion will provide a destination location for visitors and events.

Project Purpose: To expand recreation opportunities and provide additional facilities for recreationists.

Madison Dam Vault Toilet

Project Summary: Install a vault toilet near a popular parking area below Madison Dam where no restroom facilities are available. The BLM will maintain this vault along with others in the canyon area.

Project Purpose: To address sanitation issues that have arisen due to lack of restroom facilities.

Madison River Campground Fence Replacement

Project Summary: Replace deteriorated barbed-wire fencing at a campground along the Madison River with a new jack-leg fence and address some brush clearing needs.

Project Purpose: To better delineate the recreation use areas and allow for more effective closure of the site upon bear sightings and safety issues. Brush clearing will increase visibility and reduce chance bear encounters.

Chief Tendoy Memorial Interpretive Site

Project Summary: Construct a gazebo and install five interpretive panels at this new interpretive site located on the south shoreline of Ennis Lake.

Project Purpose: To interpret the life of Chief Tendoy and the Shoshone-Bannock Indian tribe.

FY2015 Project Summaries

Giant Spring Loop Trail and Stairs

Project Summary: Overlay a deteriorated segment of trail with asphalt and construct stairs to link parking areas near the intersection of Giant Springs Road to the trail and provide access to riverfront lands and the Steamboat Island Trailhead.

Project Purpose: To increase public safety on a deteriorated section of trail and provide access to a loop trail section and shoreline areas.

Giant Springs Walkway Improvements

Project Summary: Replace an existing walkway to reduce the grade, remove steps, and move it away from a congestion area near a play structure. This walkway will also be the final link in a 2.1-mile loop trail that connects the Lewis & Clark Interpretive Center and the FWP Region 4 Headquarter through Giant Springs State Park.

Project Purpose: Improve safety for trail and playground users and improve access to the loop trail.

Ruby Creek Boat Launch

Project Summary: Replace an existing single-wide plank-style concrete boat ramp with a double-wide cement slab ramp.

Project Purpose: To improve boat launching facilities and finalize a \$1.6 million upgrade project conducted by the BLM.

Widow Coulee Road Enhancement

Project Summary: Improve the access road with a new design to reduce the grade and improve runoff and drainage.

Project Purpose: To improve safety and access for site users and reduce ongoing maintenance costs for managers.

Earthquake Lake Visitor Center Trail Renovation

Project Summary: Upgrade the trail between the newly remodeled Earthquake Lake Visitor Center, the Memorial and Sister Boulders, and the Madison Valley Overlook.

Project Purpose: To reduce existing steep grades, install new surfacing, and improve accessibility as the final step in a \$1.5 million site upgrade project conducted by the USFS.

Varney Bridge FAS Boat Ramp

Project Summary: Replace a culvert at the access road and replace the boat ramp.

Project Purpose: To prevent flooding of the site and to facilitate safer launching and prevent future damage to user equipment by the current ramp.

West Bank Park Restroom

Project Summary: Install a restroom near the non-motorized boat launch at West Bank Park.

Project Purpose: To serve users of the park, River's Edge Trail and folf course, and provide facilities to accommodate use of the site for special events.

FY2016 Project Summaries

Rainbow Overlook Landslide Repair

Project Summary: Rehabilitate and reconstruct the Rainbow Overlook, which will remove 1,670 cubic yards of overburden that was added during initial site construction, redesign and reduce the amount of parking at the site, and install drainage trenches to route groundwater away from the overlook.

Project Purpose: The repair project will address a recurring slump that is threatening the parking area and interpretive platform, and creating a safety hazard.

Spring Creek Campground Renovation

Project Summary: Renovate Spring Creek Campground, including signage, road repair, delineation of use areas, addition of a host site, vault toilet, bear-proof food storage boxes and other improvements.

Project Purpose: To improve visitor experiences at the site and protect shoreline and natural resources from destruction.

Devil's Elbow and Clark's Bay Chip Sealing

Project Summary: Chip seal all existing asphalt surfaces at the Devil's Elbow and Clark's Bay recreation sites.

Project Purpose: To protect and prolong the life of existing asphalt at the sites.

Whitmore Bridge Rehabilitation

Project Summary: Rehabilitate a pedestrian access bridge that provides access to 300 acres of open space and recreation trails. Project will install concrete footers, steel stringers, bar grating, and will stabilize the stream bank.

Project Purpose: Rehabilitate an existing structure that was placed temporarily 12 years ago.

Missouri Headwaters State Park Birding Trail

Project Summary: Purchase and install amenities for new pedestrian trail constructed for birding and other activities. Amenities include benches, picnic tables, signage and a pavilion.

Project Purpose: Collaborative project to construct a trail with neighboring landowner and add trail amenities.

Black's Ford FAS Latrine Replacement

Project Summary: Replace two single-vault latrines with two double-vault latrines.

Project Purpose: To provide facilities that efficiently and adequately serve this heavily-used recreation site.

Palisades Water System, Phase 1

Project Summary: Locate and drill a new well to replace the old well that was contaminated and has been turned off.

Project Purpose: The first of two phases to establish a new source of drinking water and then connect the new well to the existing delivery system.

FY2017 Project Summaries

McAtee Bridge FAS boat ramp replacement

Project Summary: Remove the existing 35' x 20' slab-style boat ramp and replace it with a 50' x 20' push-in ramp.

Project Purpose: The concrete slabs of the existing 27-year-old ramp have become unstable and are fracturing and separating, damaging user vehicles and trailers.

Giant Springs State Park maintenance building

Project Summary: Construction of a new equipment and maintenance building behind the Ranger Station in the State Park for storage of equipment and use by maintenance staff.

Project Purpose: To increase the efficiency at which the 4,600-acre park is operated.

Giant Springs State Park electric gate

Project Summary: Purchase and install an automatic electric gate to open the State Park at sunrise and close it at sunset.

Project Purpose: To protect resources and reduce occurrences of public access and vandalism within the park during night time hours.

Black Sandy State Park entrance paving

Project Summary: Paving of the entrance road to Black Sandy State Park.

Project Purpose: To eliminate problems related to washouts and rutting of the road as a result of run-off, and increase ease and safety of users as they enter and leave the site.

Palisades Water System, Phase 2

Project Summary: Connect water from new well (completed under phase 1) to the existing water delivery system and implement additional improvements.

Project Purpose: To re-establish the drinking water system at the site.

Hebgen Lake Bathymetric Map printing

Project Summary: Printing of 7,500 copies of the updated Hebgen Lake Bathymetric map.

Project Purpose: To supply a cost-free reference guide to the recreating public.

West Bank Park Trail ADA improvements

Project Summary: Realign and replace 880 linear feet of deteriorated asphalt trail at West Bank Park.

Project Purpose: To improve the uneven and cracked surface for wheeled trail users, wheelchairs, etc.

RET South Shore trail shelter

Project Summary: Construct an emergency shelter near the midpoint of the 11.5-mile single track trail between Rainbow Dam and Box Elder Creek at an intersection of three main trails in the area.

Project Purpose: The shelter will include a picnic table and will serve as an emergency and non-emergency shelter, as well as a landmark for rescue operations.

R4 FAS kiosks

Project Summary: Purchase and install maintenance-free metal kiosks at four fishing access sites on the Missouri River.

Project Purpose: To reduce maintenance needs for kiosks and concentrate informational signage displayed at the sites.

Causeway FAS site upgrades

Project Summary: Upgrade the FAS with a new picnic shelter, sun shelters, parking and latrine improvements, information kiosk and vegetation planting.

Project Purpose: To improve existing amenities and add new amenities for public use at the FAS.

Fort Benton walking bridge rehabilitation

Project Summary: Replace the decking and support stringers on the first span of the historic Fort Benton walking bridge, as well as perform repairs to the pier included in the span.

Project Purpose: To replace deteriorated components of the most heavily used portion of the walking bridge.

FY2018 Project Summaries

Madison Road Repair

Project Summary: Repair a crack in the Madison Road, which provides the only access to recreation areas in the Madison Canyon and the Madison hydroelectric facilities.

Project Purpose: To retain access to BLM recreation sites and hydro facilities in the canyon north of Ennis Lake.

North Bank Stabilization

Project Summary: Repair slumping along 500 feet of Black Eagle reservoir shoreline directly below the Calumet Refinery.

Project Purpose: To stabilize the shoreline and repair slumping that threatens a section of the River's Edge Trail and City of Great Falls sewer main.

Holter Lake Management Plan

Project Summary: Develop a Comprehensive River Recreation Management Plan for Holter Lake and the Gates of the Mountains recreation area.

Project Purpose: To guide future management decisions and actions within the framework of existing public policy and resource plans.

Lonesomehurst Courtesy Dock

Project Summary: Installation of a courtesy dock at a highly used boat launch on Hebgen Lake.

Project Purpose: To replace a dock that was destroyed by muskrats and subsequently removed.

Widow Coulee Road Repair

Project Summary: Installation of water bars, culverts, and ditches along a newly constructed roadway into Widow Coulee FAS.

Project Purpose: To improve drainage and protect the new road from washout.

Kobayashi Beach Dock Replacement

Project Summary: Replace a deteriorated dock at a boat launch on Ennis Lake.

Project Purpose: To improve stability of the launch dock and provide a safer dock for visitors.

West Bank Park Trail Improvements

Project Summary: Realign and replace deteriorated asphalt trail with concrete.

Project Purpose: To improve the trail surface on a deteriorated section of trail.

California Corner Site Development

Project Summary: Installation of a latrine and small concrete boat ramp.

Project Purpose: To provide needed facilities and protect the shoreline from user-created erosion.

Lewis & Clark Interpretive Center Parking Lot Lighting

Project Summary: Replace 30 light pole heads with new LED heads in the parking lot of the Lewis & Clark Interpretive Center.

Project Purpose: To improve visitor safety in the parking lot.

West Bank Park ADA Crossing

Project Summary: Replace an existing section of sidewalk to meet ADA requirements.

Project Purpose: To provide accessible access to West Bank Park.

Trapper Springs Pavilion Roof Replacement

Project Summary: Replace an aging shingled roof on the pavilion at the Trapper Springs Day Use Site with a metal roof.

Project Purpose: To provide a roof that will withstand high winds and prolong the useful life of the existing structure.

Giant Springs Hatchery Upgrades

Project Summary: Install amenities to the visitor area of the hatchery show pond.

Project Purpose: To improve visitor experience and access to the hatchery show pond and shoreline fishing area.

FWP Region 4 FAS kiosks

Project Summary: Purchase and install metal kiosks at four fishing access sites on the Missouri River.

Project Purpose: To reduce maintenance needs for kiosks and concentrate informational signage displayed at the sites.

River's Edge Trail maps

Project Summary: Update and print 20,000 River's Edge Trail maps.

Project Purpose: To provide a map that reflects current surfaces, amenities and segments.

Varney Bridge Feasibility Study

Project Summary: Feasibility study to relocate the historic Varney Bridge to a location adjacent to the Lions Club Park in Ennis.

Project Purpose: To preserve a historic bridge and provide pedestrian access across the Madison River.

FY2019 Project Summaries

Devil's Elbow ADA Ramp

Project Summary: Replace the ADA ramp at the administrative site at Devil's Elbow campground.

Project Purpose: The existing ramp, which is the only means for mobility-impaired individuals to access the administrative site to purchase passes, get informational materials and life jackets, and other resources, has fallen into disrepair and is in need of replacement.

Rainbow Point Boat Ramp Replacement

Project Summary: Replace the deteriorated concrete slab-style ramp with a new, 20' by 80' monolithic concrete ramp in an area with a steeper shoreline and deeper water roughly 50 yards to the west of the current location.

Project Purpose: The ramp slabs have become deteriorated and are in need of replacement.

Lewis & Clark Interpretive Center Shade Sail

Project Summary: Install a shade sail over an existing hardened space outside the Lewis & Clark Interpretive Center.

Project Purpose: The project will provide the benefit of a covered, shaded picnic area utilizing existing hardened spaces and will allow for additional programming and special events in the sheltered area.

White Sandy Piling Removal

Project Summary: Remove an 8,000-pound piling for the boat launching dock that is unstable due to shallow bedrock and remove a 24' section of dock (leaving 48').

Project Purpose: The piling is unstable and the dock cannot be securely attached to it. Without an attached dock, the piling poses a risk to public safety and personal property.

River's Edge Trail Storm Water Drainage

Project Summary: This project will add a rail and plank bridge to a section of the River's Edge Trail to allow runoff to pass under the bridge and properly drain away, leaving the visitor pathway clear of water, ice, and debris.

Project Purpose: Runoff through a large culvert that runs under railroad tracks next to the River's Edge Trail has caused water and sediment to wash over the asphalt trail, leaving behind deposits of silt, rocks, and mud as well as icy surfaces in cold temperatures.

FWP Off-Highway UTV

Project Summary: Purchase of a UTV for the dedicated purpose of enforcement and emergency response at Giant Springs State Park and the associated conservation lands on the north and south shorelines in Great Falls.

Project Purpose: To enable FWP to better respond to emergency situations and more effectively enforce rules and regulations within the conservation easement.

West Bank Park Canoe Launch Repair

Project Summary: The eroded path to the West Bank Park canoe launch and ADA-accessible dock will be replaced with a concrete sidewalk, and a 5-foot section of dock and 16-foot gangway will be added to the current dock to provide access over the new sandbar that formed as a result of high runoff in spring 2018.

Project Purpose: To return the launch and dock to ADA standards and allow for installation of the launch dock in deeper water for better usability.

Spring Creek Campground Gravel

Project Summary: This project will add gravel to 15 campsites at the newly redesigned Spring Creek Campground.

Project Purpose: To protect natural resources and preserve visitor experiences.

Black Sandy ADA Fishing Pier

Project Summary: This project will install an accessible, T-shaped floating dock system designated for fishing. The dock will extend roughly 50 feet into the water and will have ADA-approved railing and ramps.

Project Purpose: To replace the deteriorated ADA-accessible fishing pier was removed at Black Sandy State Park in 2012.

Roe Island Wall Repairs

Project Summary: This project will repair the historic rock and mortar wall surrounding Roe Island in Giant Springs State Park that was damaged by water and ice.

Project Purpose: To repair about 17 linear feet of rock and mortar that have become dislodged and the associated sidewalk that has become undercut.

West Bank Park wildlife viewer

Project Summary: To establish an ADA-accessible wildlife viewing station with two sets of mounted binoculars (one will be ADA-accessible) and an accessible sidewalk.

Project Purpose: To repurpose a concrete pad from a former irrigation pump house into an ADA-accessible wildlife viewing station.

Craig FAS Campground Host Site

Project Summary: To construct a site host pad with tie-in to city water and sewer and nearby electricity, as well as pave three single-vehicle parking spaces.

Project Purpose: To accommodate a campground host that will provide oversight of users at the day use and camping areas.

Ulm Bridge FAS Site Improvements

Project Summary: Gravel and grade the road at the main use area to repair impacts from spring 2018 flooding, as well as general clean up including collection of dumped debris (concrete, rebar, etc), downed trees and brush.

Project Purpose: To repair damage caused by spring 2018 flooding and make the secondary area more user-friendly and free of hazards.

Missouri Headwaters Dugout Canoe

Project Summary: Acquire a 33-foot dugout canoe for permanent display.

Project Purpose: To permanently secure an interpretive piece that has been on loan, expanding interpretation available Missouri Headwaters State Park.

FY2020 Project Summaries

River's Edge Trail Slide Repair

Project Summary: Installation of a sheet pile wall and enhanced drainage along a 90-linear-foot section of the River's Edge Trail.

Project Purpose: To stabilize a severely slumped hillside and direct water away from a section of the River's Edge Trail that has been destroyed by slumping along the section of trail that is most popular among trail users.

Milwaukee FAS Site Improvements

Project Summary: Access road improvements, the addition of gravel to parking and use areas, boat ramp improvements and designated parking improvements at this Fishing Access Site on the Madison River.

Project Purpose: Improve the Milwaukee FAS to better suite site use now that a permanent recreational easement has been granted to FWP.

Earthquake Lake Visitor Center Roof Replacement

Project Summary: Replacement of the Visitor Center roof.

Project Purpose: This project will address leaks and cracks that have developed over the lifespan of the current roof and complete a large-scale upgrade of the Visitor Center by the US Forest Service.

Giant Springs State Park Kiosk and Shelter Roof Replacement

Project Summary: Replace the cedar shingle roofs of 9 kiosks and 3 shelters in Giant Springs State Park with metal roofing material, and replace rotting posts on a kiosk at the park's western entrance with new wood posts.

Project Purpose: Weathering and deterioration has degraded the cedar shingle roofs. Upgrading to metal will improve the lifespan of the kiosks and shelter. Replacing the wood posts of the entrance kiosk will ensure the structure is sound and safe for display of information.

Lewis & Clark Interpretive Center Jefferson Commons Display Upgrade

Project Summary: Purchase and install equipment for a digital artwork display, including the central processing unit, display panel, and sound equipment.

Project Purpose: To complete a collaborative project to display artwork to be donated by artist Tom Gilleon.

Giant Springs State Park Roe River Rock Wall Rehabilitation

Project Summary: Rehabilitate the rock wall along the Giant Springs and the southern shore of the Roe River in Giant Springs State Park.

Project Purpose: Rehabilitation of a historic feature in the park that has deteriorated due to water and ice damage and general exposure.

Lewis & Clark Interpretive Center Lighting and HVAC Upgrades

Project Summary: This project will develop a plan for upgrading the lighting and HVAC systems at the center based on examine of current lighting and HVAC fixtures and needs for improvements and upgrades. The plan will include designs, drawings, specifications, and cost estimates to improve these systems in the future.

Project Purpose: Current fixtures and systems are out dated or obsolete, so bulbs are no longer available and new additions are not compatible with old system controls. This project will provide a roadmap for upgrading these systems for continued visitor enjoyment into the future.

FY2021 Project Summaries

Fort Benton Canoe Camp Vault Toilet Replacement

Project Summary: Replace the vault latrine at the Fort Benton Canoe Campground.

Project Purpose: To replace the existing facility that has developed a bulge in the bladder and is leaking sewage.

Hebgen Dam Day Use Site Upgrades

Project Summary: Repair the ADA-accessible fishing pier abutment and railing, add a sidewalk between the pier and restroom, remove the gravel boat launch and associated gate, recontour the shoreline, add barrier boulders, picnic facilities, and signage.

Project Purpose: To retain ADA accessibility to the fishing pier, improve ADA access to the restroom, and better visitation to the day use site.

Clark's Bay, Log Gulch, Holter Lake Campground roof replacements

Project Summary: Remove existing shingle roofs and replace them with metal roofs on the large ramada and four shade structures at Clark's Bay Day Use Area, the administrative building and garage at Holter Lake Campground, and the large swimming area ramada at Log Gulch Campground.

Project Purpose: To retain integrity of visitor use structures at BLM sites on Hauser and Holter.

Warm Springs Boat Ramp Replacement

Project Summary: Replace the three-lane, concrete slab boat ramp with three single-slab ramps in conjunction with a chip seal project at the site.

Project Purpose: To upgrade existing ramps at a heavily used launch site on the Lower Madison River.

River's Edge Trail River Drive North Trail Upgrades

Project Summary: Remove 1,125 feet of aging asphalt trail and replace it with 5" reinforced concrete 8 feet in width, re-stripe the crosswalk, and raise and paint the 25 parking blocks along a 300 ft. segment of River's Edge Trail.

Project Purpose: To improve the aging trail surface and raise barriers in the two feet of separation from the adjacent roadway.

Madison/Jefferson Rivers confluence revegetation

Project Summary: Revegetate a shoreline and adjacent terrace zone at the confluence of the Madison and Jefferson Rivers with deep-root native grasses and trees.

Project Purpose: To repair past erosion and prevent further erosion.

Gates of the Mountains sign improvements

Project Summary: Purchase and install low maintenance information boards for Beaver Creek Access Site, Meriwether Picnic Site, and Coulter Campground on Holter Reservoir.

Project Purpose: To provide organized and centralized distribution of information to the recreating public, concentrate informational signage displayed at the sites, and reduce maintenance needs.

Lewis & Clark Interpretive Center entrance signs

Project Summary: Replace signs along the road to mark the entrance to the Lewis & Clark Interpretive Center in Great Falls.

Project Purpose: To replace signs that broke during high winds.

Romsett Beach vault toilet

Project Summary: Install a concrete vault toilet at Romsett Beach on Hebgen Lake.

Project Purpose: To help address a pressing sanitation issue while utilizing a design that accommodates the low water table in the area.

Rainbow Point Boat Launch courtesy dock

Project Summary: Purchase and install a second courtesy dock at the recently-relocated boat launch.

Project Purpose: The 6.5' x 60' EZ-Dock will include an access platform to be ADA compliant and will improve use of the new launch site.

FY2022 Project Summaries

Madison River Developed Recreation Site Maintenance

Project Summary: Contract with MCC Crew to provide cleaning services and visitor education at 24 BLM and USFS recreation sites for 14 weeks of the peak use season in 2022.

Project Purpose: To provide short-term support for agency staff to catch-up on other maintenance needs during staff shortages and increased maintenance and cleaning needs associated with the COVID-19 pandemic.

Rainbow/Lewis & Clark Overlooks parking lot rehabilitation

Project Summary: Replace the asphalt in the parking areas of the two overlook sites in Great Falls.

Project Purpose: To improve and repair parking surface that has become degraded.

North Bank Stabilization, Phase 2

Project Summary: Repair slumping along the final 765 feet of Black Eagle reservoir shoreline directly below the Calumet Refinery. Phase 1 of the project was previously funded for 500 feet of shoreline.

Project Purpose: To stabilize the shoreline and repair slumping that threatens a section of the River's Edge Trail and City of Great Falls sewer main.

Black Sandy State Park bank stabilization

Project Summary: Native grass and willow planting project at Black Sandy State Park.

Project Purpose: To mitigate for bank stabilization and erosion control along use areas within the park.

Rainbow Trailhead Parking Area spring mitigation

Project Summary: Installation of a drainage gallery and other elements to improve flow routes of runoff and a seasonal spring at the trailhead.

Project Purpose: To prevent runoff waters from collecting in and degrading surface of the parking area.

Missouri Headwaters State Park hazardous tree trimming

Project Summary: Contract with tree service company to remove hazardous dead branches from trees throughout the state park.

Project Purpose: To improve visitor safety in the picnic and camping areas of the park.

FY2023 Project Summaries

Devil's Elbow and Clark's Bay well improvements

Project Summary: Drill two new wells at Devil's Elbow Campground and use the existing delivery system to supply drinking water to Devil's Elbow and Clark's Bay Day Use Site.

Project Purpose: To provide drinking water at recreation sites from deeper static water level that doesn't require chlorination.

River's Edge Trail water fountain replacement

Project Summary: Replace an existing water fountain along the River's Edge Trail with a new unit that provides a water fountain, water bottle fill station, and dog water bowl.

Project Purpose: To provide drinking water with additional options for reusable bottles and man's best friend.

Meadow Lake FAS Campground expansion

Project Summary: Expand the campground to add 10 new campsites to the existing 9 sites, a new vault latrine, add ingress/egress, develop shoreline access and add a dock for launching small nonmotorized watercraft.

Project Purpose: To expand camping opportunities and protect the shoreline by providing hand-carry launching facilities.

Beaver Creek Trail restoration

Project Summary: Contract an MCC Crew to conduct trail repairs and upgrades along the 1.8-mile access trail that links Hauser Dam with the Beaver Creek Access Site.

Project Purpose: To repair and improve the trail tread and alignment on a very popular fishing access walk-in route.

Trapper Springs well replacement

Project Summary: Drill a new well to replace the existing nonfunctional well and connect water supply to existing delivery system.

Project Purpose: To replace an existing drinking water source that dried up.

River's Edge Trail maps

Project Summary: Update the River's Edge Trail map and print 20,000 copies.

Project Purpose: To provide current layouts and route to the public, free of charge.

Craig FAS parking expansion

Project Summary: Install grid-tied solar arrays for administrative buildings at White Sandy, Devil's Elbow, and Holter Lake campgrounds.

Project Purpose: To reduce the carbon footprint of operating recreation sites.

BLM lake sites solar arrays

Project Summary: Drill two new wells at Devil's Elbow Campground and use the existing delivery system to supply drinking water to Devil's Elbow and Clark's Bay Day Use Site.

Project Purpose: To replace an existing drinking water source that dried up.

Riverside Campground resurfacing

Project Summary: Replace degraded substrate on accessible pathways within the campground with asphalt.

Project Purpose: To replace surface material that didn't hold up as intended and return pathways to ADA-accessible standards.

FY2024 Project Summaries

Ryan Island hand railing replacement

Project Summary: Replace deteriorated hand railing at the overlook area on Ryan Island.

Project Purpose: Maintain public safety by replacing broken rails on security fencing.

BLM lake sites water system replacement

Project Summary: Replace the existing drinking water distribution systems at all BLM-administered campgrounds on Hauser and Holter Lakes.

Project Purpose: To improve the drinking water delivery system in conjunction with new wells funded in FY2023.

Lewis & Clark/Giant Springs interpretive trail signs

Project Summary: Replace 30 interpretive and recreation signs on trails associated with the Lewis & Clark Interpretive Center and Giant Springs State Park.

Project Purpose: Replace interpretive exhibits that have become weathered and deteriorated since they were installed 25 years ago

Kobayashi Beach dock replacement

Project Summary: Replace the existing and damaged EZ Dock with a new 40-foot by 8-foot dock at the Kobayashi Beach boat launch on Ennis Lake.

Project Purpose: Upgrade the dock structure to a design that will serve public boat launching needs and withstand the heavy wave and wind action at the site.

White Bear Island FAS site upgrades

Project Summary: Improve the existing FAS that has been under seasonal closures since 2015.

Project Purpose: To bring the site to a manageable design and create recreational opportunities and deter undesirable behavior.

Fort Benton Canoe Camp upgrades

Project Summary: Replace damaged water system and hydrant, upgrade electrical service for RVs, and add a storage shed for site tools and supplies

Project Purpose: To remedy issues resulting from an aging water system, improve site management efficiency, and respond to changing user needs.

West Fork Campground improvement project

Project Summary: Upgrade facilities in severe disrepair, including installation of a new vault toilet, installation of new furnishings (picnic tables, fire rings, marker posts, etc.) and addition of bear boxes at all seven campsites.

Project Purpose: To improve site facilities and provide an opportunity for tent camping along the Madison River.

Headwaters State Park bear resistant storage

Project Summary: Replace 5 conventional garbage cans with bear-resistant bins and place 9 bear-resistant food storage lockers at 9 of 18 campsites.

Project Purpose: Improve visitor security and reduce interactions with bears.

Electric City bike park design

Project Summary: Assist with funding for architectural design and geotechnical report for a new bike park in Great Falls.

Project Purpose: Coordinate creation of a new bike skills park in conjunction with a city-sponsored project so that reclamation efforts prepare the site for bike park construction.