

## River Fund Grant Program Summary

| Cumulative Total Funding     | River Fund<br>Award | NorthWestern<br>Energy Match<br>Award | Agency and<br>Partner<br>Contributions | Total<br>Project<br>Cost |
|------------------------------|---------------------|---------------------------------------|--|--------------------------|
| <b>FY2007 through FY2018</b> | <b>\$ 4,165,551</b> | <b>\$ 1,191,330</b>                   | <b>\$ 3,300,144</b>                    | <b>\$ 8,657,025</b>      |

| FY2007 Awarded Projects                         | River Fund<br>Award | NorthWestern<br>Energy Match<br>Award | Agency and<br>Partner<br>Contributions | Total<br>Project<br>Cost |
|---|---------------------|---------------------------------------|--|--------------------------|
| Burnt Tree Hole FAS Boat Ramp Replacement       | \$ 17,500           | \$ -                                  | \$ 17,500                              | \$ 35,000                |
| Hebgen Reservoir Bathymetric Map                | \$ 19,545           | \$ -                                  | \$ 7,750                               | \$ 27,295                |
| Raynolds' Pass FAS Parking Area and Latrine     | \$ 25,000           | \$ -                                  | \$ 25,000                              | \$ 50,000                |
| Madison River Special Recreation Permit Program | \$ 46,500           | \$ 22,500                             | \$ 90,000                              | \$ 159,000               |
| Lonesomehurst Boat Ramp                         | \$ 9,000            | \$ -                                  | \$ 9,000                               | \$ 18,000                |
| Clark's Bay Access Enhancement                  | \$ 25,000           | \$ 25,000                             | \$ 30,000                              | \$ 80,000                |
| Devil's Elbow/Two Camps Chip Sealing            | \$ 25,000           | \$ 25,000                             | \$ 25,000                              | \$ 75,000                |
| White Sandy - Phase III Improvements            | \$ 25,000           | \$ 25,000                             | \$ 45,000                              | \$ 95,000                |
| Black Sandy State Park Dump Station Expansion   | \$ 15,000           | \$ 10,000                             | \$ 25,000                              | \$ 50,000                |
| Causeway FAS Parking Improvements               | \$ 10,000           | \$ 15,000                             | \$ 35,000                              | \$ 60,000                |
| Giant Springs State Park Fishing Platforms      | \$ 30,000           | \$ -                                  | \$ 5,000                               | \$ 35,000                |
| Mid-Canon FAS Site Improvements                 | \$ 21,250           | \$ -                                  | \$ 45,000                              | \$ 66,250                |
| River's Edge Trail Resurfacing                  | \$ 39,000           | \$ 48,000                             | \$ 48,000                              | \$ 135,000               |
| Widow Coulee FAS Boat Launch Improvements       | \$ 6,000            | \$ -                                  | \$ 3,000                               | \$ 9,000                 |
| Preserving the Trails                           | \$ 32,500           | \$ 29,500                             | \$ 158,000                             | \$ 220,000               |
| Missouri-Madison Education and Outreach Program | \$ 40,000           | \$ -                                  | \$ 10,000                              | \$ 50,000                |
| <b>Total FY2007 Projects</b>                    | <b>\$ 386,295</b>   | <b>\$ 200,000</b>                     | <b>\$ 578,250</b>                      | <b>\$ 1,164,545</b>      |

| FY2008 Awarded Projects                        | River Fund<br>Award | NorthWestern<br>Energy Match<br>Award | Agency and<br>Partner<br>Contributions | Total<br>Project<br>Cost |
|--|---------------------|---------------------------------------|--|--------------------------|
| Canaday Boat Launch Safety Improvements        | \$ 12,000           | \$ 3,000                              | \$ 15,000                              | \$ 30,000                |
| Burnt Tree Hole FAS Boat Ramp/Site Enhance.    | \$ 15,184           | \$ 4,816                              | \$ 20,000                              | \$ 40,000                |
| Headwaters Trail System - Madison River Bridge | \$ 41,625           | \$ 13,875                             | \$ 125,500                             | \$ 181,000               |
| Madison River Noxious Weed Control, Education  | \$ 44,725           | \$ 11,625                             | \$ 64,250                              | \$ 120,600               |
| Hebgen Reservoir Shoreline Protection          | \$ 12,000           | \$ -                                  | \$ 12,000                              | \$ 24,000                |
| Devil's Elbow Boat Ramp Extension              | \$ 25,000           | \$ 25,000                             | \$ 50,000                              | \$ 100,000               |
| Lake Helena Fishing Access Site Development    | \$ 81,511           | \$ 81,511                             | \$ 65,000                              | \$ 228,022               |
| Sanders Property Acquisition                   | \$ 69,500           | \$ 69,500                             | \$ 246,000                             | \$ 385,000               |
| <b>Total FY2008 Projects</b>                   | <b>\$ 301,545</b>   | <b>\$ 209,327</b>                     | <b>\$ 597,750</b>                      | <b>\$ 1,108,622</b>      |

| FY2009 Awarded Projects           | River Fund<br>Award | NorthWestern<br>Energy Match<br>Award | Agency and<br>Partner<br>Contributions | Total<br>Project<br>Cost |
|-----------------------------------|---------------------|---------------------------------------|--|--------------------------|
| Windy Point Boat Launch           | \$ 80,000           | \$ 20,000                             | \$ 80,000                              | \$ 180,000               |
| Cherry Creek Easement Acquisition | \$ 15,513           | \$ 5,173                              | \$ 20,689                              | \$ 41,375                |
| Sun River Boat Launch             | \$ 44,222           | \$ 3,000                              | \$ 5,500                               | \$ 52,722                |
| Craig FAS Improvements            | \$ 56,500           | \$ 12,500                             | \$ 50,000                              | \$ 119,000               |
| Roe River Bridge Reconstruction   | \$ 20,000           | \$ 20,000                             | \$ 40,000                              | \$ 80,000                |
| <b>Total FY2009 Projects</b>      | <b>\$ 216,235</b>   | <b>\$ 60,673</b>                      | <b>\$ 196,189</b>                      | <b>\$ 473,097</b>        |

|   | River Fund<br>Award | NorthWestern<br>Energy Match<br>Award | Agency and<br>Partner<br>Contributions | Total<br>Project<br>Cost |
|---|---------------------|---------------------------------------|--|--------------------------|
| <b>FY2010 Awarded Projects</b>                |                     |                                       |  |                          |
| Spring Creek Day Use Development              | \$ 7,800            | \$ 2,200                              | \$ 4,000                               | \$ 14,000                |
| Black Eagle Recreation Area Improvements      | \$ 13,750           | \$ 1,000                              | \$ 3,500                               | \$ 18,250                |
| Roe Island Wall Rehabilitation                | \$ 36,000           | \$ 5,000                              | \$ 6,000                               | \$ 47,000                |
| Hebgen Reservoir Deepwater Ramp               | \$ 64,500           | \$ -                                  | \$ 9,000                               | \$ 73,500                |
| Lonesomehurst Boat Ramp Improvements          | \$ 9,000            | \$ 9,000                              | \$ 18,000                              | \$ 36,000                |
| MidCanon FAS Parking Area Expansion           | \$ 28,750           | \$ 1,250                              | \$ 5,000                               | \$ 35,000                |
| Hebgen Reservoir Bathymetric Map Printing     | \$ 5,700            | \$ 1,000                              | \$ 1,000                               | \$ 7,700                 |
| Pelican Point FAS Access Road Improvements    | \$ 38,750           | \$ 1,250                              | \$ 5,000                               | \$ 45,000                |
| Madison River SRP Expansion                   | \$ 10,000           | \$ -                                  | \$ -                                   | \$ 10,000                |
| <b>Total FY2010 Projects</b>                  | <b>\$ 214,250</b>   | <b>\$ 20,700</b>                      | <b>\$ 51,500</b>                       | <b>\$ 286,450</b>        |
| <b>FY2011 Projects</b>                        |                     |                                       |  |                          |
| Damselfly FAS development                     | \$ 28,500           | \$ 9,500                              | \$ 38,000                              | \$ 76,000                |
| Rainbow Point dock repair                     | \$ 5,200            | \$ 1,800                              | \$ 1,800                               | \$ 8,800                 |
| Lonesomehurst dock                            | \$ 10,600           | \$ 1,600                              | \$ 1,600                               | \$ 13,800                |
| Log Gulch and Departure Point chip seal       | \$ 38,000           | \$ 38,000                             | \$ 38,000                              | \$ 114,000               |
| York Bridge FAS dock replacement              | \$ 31,000           | \$ 1,000                              | \$ 1,000                               | \$ 33,000                |
| West Bank Park Nonmotorized Boat Launch       | \$ 40,000           | \$ -                                  | \$ 5,000                               | \$ 45,000                |
| <b>Total FY2011 Projects</b>                  | <b>\$ 153,300</b>   | <b>\$ 51,900</b>                      | <b>\$ 85,400</b>                       | <b>\$ 290,600</b>        |
| <b>FY2012 Projects</b>                        |                     |                                       |  |                          |
| White Sandy shoreline stabilization           | \$ 32,000           | \$ 32,000                             | \$ 32,000                              | \$ 96,000                |
| River's Edge Trail maintenance plan           | \$ 14,000           | \$ 7,500                              | \$ 16,000                              | \$ 37,500                |
| Wilderness Boat Launch enhancements           | \$ 20,000           | \$ 7,000                              | \$ 28,000                              | \$ 55,000                |
| Fairweather FAS site rehabilitation           | \$ 33,750           | \$ 6,250                              | \$ 25,000                              | \$ 65,000                |
| Hebgen Lake public information signs          | \$ 500              | \$ 2,000                              | \$ 2,000                               | \$ 4,500                 |
| Ennis FAS site upgrades                       | \$ 38,750           | \$ 6,250                              | \$ 25,000                              | \$ 70,000                |
| Black Sandy pier replacement                  | \$ 50,000           | \$ 10,000                             | \$ 10,000                              | \$ 70,000                |
| <b>Total FY2012 Projects</b>                  | <b>\$ 189,000</b>   | <b>\$ 71,000</b>                      | <b>\$ 138,000</b>                      | <b>\$ 398,000</b>        |
| <b>FY2013 Projects</b>                        |                     |                                       |  |                          |
| Lewis & Clark Overlook repairs                | \$ 3,750            | \$ 6,250                              | \$ 6,250                               | \$ 16,250                |
| White Sandy chip seal                         | \$ 31,000           | \$ 31,000                             | \$ 31,000                              | \$ 93,000                |
| Cherry Creek Campground renovation            | \$ 10,600           | \$ 8,400                              | \$ 8,400                               | \$ 27,400                |
| Giant Springs State Park steps/railing repair | \$ 19,500           | \$ 6,000                              | \$ 6,000                               | \$ 31,500                |
| Greycliff FAS campground improvements         | \$ 48,579           | \$ 11,250                             | \$ 45,000                              | \$ 104,829               |
| Broadwater Bay ramp replacement               | \$ 36,600           | \$ 4,500                              | \$ 4,500                               | \$ 45,600                |
| Kirby Area picnic table replacement           | \$ 19,335           | \$ 2,265                              | \$ 9,060                               | \$ 30,660                |
| Headwaters State Park parking area rehab      | \$ 77,500           | \$ 28,500                             | \$ 114,000                             | \$ 220,000               |
| Headwaters State Park Legacy Trail paving     | \$ 69,500           | \$ 500                                | \$ 13,000                              | \$ 83,000                |
| Madison Byways Recreational Trail             | \$ 20,000           | \$ 4,725                              | \$ 188,185                             | \$ 212,910               |
| <b>Total FY2013 Projects</b>                  | <b>\$ 336,364</b>   | <b>\$ 103,390</b>                     | <b>\$ 425,395</b>                      | <b>\$ 865,149</b>        |

|   | River Fund<br>Award  | NorthWestern<br>Energy Match<br>Award | Agency and<br>Partner<br>Contributions | Total<br>Project<br>Cost |
|---|----------------------|---------------------------------------|--|--------------------------|
| <b>FY2014 Awarded Projects</b>                  |                      |                                       |  |                          |
| Coulter-Meriwether Dock Replacement             | \$ 235,000           | \$ 15,000                             | \$ 18,000                              | \$ 268,000               |
| Rainbow Overlook Groundwater Monitoring         | \$ 28,361            | \$ 5,000                              | \$ 5,000                               | \$ 38,361                |
| Clark's Bay Ramp Replacement                    | \$ 25,000            | \$ 25,000                             | \$ 25,000                              | \$ 75,000                |
| Rainbow Point Dock Replacement                  | \$ 15,150            | \$ 2,650                              | \$ 2,650                               | \$ 20,450                |
| River's Edge Trail Erosion Repair               | \$ 19,100            | \$ 17,500                             | \$ 17,500                              | \$ 54,100                |
| Kobayashi Parking Expansion                     | \$ 95,981            | \$ 42,859                             | \$ 42,859                              | \$ 181,699               |
| North Park Improvements                         | \$ 71,034            | \$ 1,625                              | \$ 7,500                               | \$ 80,159                |
| Madison Dam Vault Toilet                        | \$ 15,778            | \$ 125                                | \$ 2,350                               | \$ 18,253                |
| Madison Campground Fencing                      | \$ 14,442            | \$ 4,265                              | \$ 17,060                              | \$ 35,767                |
| Chief Tendoy Interpretive Site                  | \$ 27,500            | \$ -                                  | \$ 34,500                              | \$ 62,000                |
| <b>Total FY2014 Projects</b>                    | <b>\$ 547,346</b>    | <b>\$ 114,024</b>                     | <b>\$ 172,419</b>                      | <b>\$ 833,789</b>        |
| <b>FY2015 Projects</b>                          |                      |                                       |  |                          |
| Giant Spring Loop Trail and Stairs              | \$ 13,000.00         | \$ 5,000.00                           | \$ 57,500                              | \$ 75,500                |
| Giant Springs Walkway Improvements              | \$ 29,300.00         | \$ 5,000.00                           | \$ 20,000                              | \$ 54,300                |
| Ruby Creek Boat Launch                          | \$ 94,757.50         | \$ 3,165.00                           | \$ 12,660                              | \$ 110,583               |
| Widow Coulee Road Enhancement                   | \$ 148,750.00        | \$ 25,000.00                          | \$ 25,000                              | \$ 198,750               |
| Earthquake Lake Visitor Center Trail Renovation | \$ 67,950.00         | \$ 2,050.00                           | \$ 8,200                               | \$ 78,200                |
| Varney Bridge FAS Boat Ramp                     | \$ 28,187.00         | \$ 2,563.00                           | \$ 10,250                              | \$ 41,000                |
| West Bank Park Restroom                         | \$ 101,000.00        | \$ 8,500.00                           | \$ 8,500                               | \$ 118,000               |
| Coulter-Meriwether Dock Replacement supplement  | \$ 100,950.00        | \$ -                                  | \$ -                                   | \$ 100,950               |
| <b>Total FY2015 Projects</b>                    | <b>\$ 583,894.50</b> | <b>\$ 51,278.00</b>                   | <b>\$ 142,110.00</b>                   | <b>\$ 777,282.50</b>     |
| <b>FY2016 Projects</b>                          |                      |                                       |  |                          |
| Rainbow Overlook landslide repair               | \$ 102,636           | \$ 10,000                             | \$ 12,000                              | \$ 124,636               |
| Spring Creek Campground site upgrades           | \$ 28,115            | \$ 47,561                             | \$ 47,561                              | \$ 123,237               |
| Devil's Elbow and Clark's Bay chip sealing      | \$ 60,258            | \$ 60,258                             | \$ 60,259                              | \$ 180,775               |
| Whitmore Bridge replacement                     | \$ 17,550            | \$ 7,950                              | \$ 12,950                              | \$ 38,450                |
| Msri Headwaters State Park birding trail        | \$ 22,250            | \$ 2,750                              | \$ 26,000                              | \$ 51,000                |
| Black's Ford FAS latrine replacement            | \$ 55,000            | \$ 5,000                              | \$ 20,000                              | \$ 80,000                |
| Palisades water system update, phase 1          | \$ 64,060            | \$ 5,708                              | \$ 22,832                              | \$ 92,600                |
| <b>Total FY2016 Projects</b>                    | <b>\$ 349,869.00</b> | <b>\$ 139,227.00</b>                  | <b>\$ 201,602.00</b>                   | <b>\$ 690,698.00</b>     |
| <b>FY2017 Projects</b>                          |                      |                                       |  |                          |
| McAtee Bridge FAS boat ramp replacement         | \$ 9,057             | \$ 2,789                              | \$ 18,154                              | \$ 30,000                |
| Giant Springs State Park maintenance bldg       | \$ 15,440            | \$ 12,000                             | \$ 17,000                              | \$ 44,440                |
| Giant Springs State Park electric gate          | \$ 6,122             | \$ 11,000                             | \$ 11,000                              | \$ 28,122                |
| Black Sandy State Park entrance paving          | \$ 10,600            | \$ 5,000                              | \$ 5,000                               | \$ 20,600                |
| Palisades water system, Phase II                | \$ 96,300            | \$ 8,017                              | \$ 32,070                              | \$ 136,387               |
| Hebgen Lake Bathymetric Map printing            | \$ 3,260             | \$ 1,000                              | \$ 3,100                               | \$ 7,360                 |
| West Bank Park Trail ADA Improvements           | \$ 52,580            | \$ 5,000                              | \$ 20,000                              | \$ 77,580                |
| RET South Shore Trail Shelter                   | \$ 2,337             | \$ 1,500                              | \$ 1,500                               | \$ 5,337                 |
| R4 FAS kiosks                                   | \$ 16,875            | \$ 3,125                              | \$ 5,000                               | \$ 25,000                |
| Causeway FAS site upgrades                      | \$ 67,552            | \$ 5,050                              | \$ 5,600                               | \$ 78,202                |
| Fort Benton walking bridge rehab                | \$ 83,000            | \$ 8,000                              | \$ 32,000                              | \$ 123,000               |
| <b>Total FY2017 Projects</b>                    | <b>\$ 363,123.00</b> | <b>\$ 62,481.00</b>                   | <b>\$ 150,424.00</b>                   | <b>\$ 576,028.00</b>     |

| <b>FY2018 Awarded Projects</b>                | <b>River Fund<br/>Award</b> | <b>NorthWestern<br/>Energy Match<br/>Award</b> | <b>Agency and<br/>Partner<br/>Contributions</b> | <b>Total<br/>Project<br/>Cost</b> |
|---|-----------------------------|--|---|-----------------------------------|
| Madison Road repair                           | \$ 74,500                   | \$ 10,500                                      | \$ 40,500                                       | \$ 125,500                        |
| North Bank Stabilization                      | \$ 33,384                   | \$ 40,000                                      | \$ 380,152                                      | \$ 453,536                        |
| Holter Lake management plan                   | \$ 90,000                   | \$ 20,000                                      | \$ 23,000                                       | \$ 133,000                        |
| Lonesomehurst courtesy dock                   | \$ 15,810                   | \$ 4,403                                       | \$ 4,403  | \$ 24,616                         |
| Widow Coulee road repair                      | \$ 35,000                   | \$ -   | \$ 8,000  | \$ 43,000                         |
| Kobayashi Beach Dock replacement              | \$ 30,060                   | \$ 4,940                                       | \$ 19,750                                       | \$ 54,750                         |
| West Bank Park trail improvements             | \$ 62,500                   | \$ 5,000                                       | \$ 15,000                                       | \$ 82,500                         |
| California Corner site development, Phase 1   | \$ 85,125                   | \$ 9,875                                       | \$ 39,500                                       | \$ 134,500                        |
| Lewis & Clark Interp Ctr parking lot lighting | \$ 26,362                   | \$ 3,000                                       | \$ 3,000  | \$ 32,362                         |
| West Bank Park ADA crossing                   | \$ 10,200                   | \$ 5,000                                       | \$ 10,000                                       | \$ 25,200                         |
| Trapper Springs pavilion roof replacement     | \$ 13,750                   | \$ 1,250                                       | \$ 5,000  | \$ 20,000                         |
| Giant Springs fish hatchery upgrades          | \$ 5,400                    | \$ 1,800                                       | \$ 1,800  | \$ 9,000                          |
| FWP Region 4 kiosks                           | \$ 25,688                   | \$ 1,312                                       | \$ 3,000  | \$ 30,000                         |
| River's Edge Trail maps                       | \$ 3,550                    | \$ 250   | \$ 1,000  | \$ 4,800                          |
| Varney Bridge relocation feasibility study    | \$ 13,000                   | \$ -   | \$ 7,000  | \$ 20,000                         |
| <b>Total FY2018 Projects</b>                  | <b>\$ 524,329</b>           | <b>\$ 107,330</b>                              | <b>\$ 561,105</b>                               | <b>\$ 1,192,764</b>               |

# **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 roam 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 golf 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.