



USDA Forest Service

American Recovery and Reinvestment Act

Projects Announced June 2, 2009

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## **Alabama**

### **National Forests in Alabama-Aquatic Passage**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 215,000 for Capital Improvement and Maintenance

**Counties:** Cherokee, Clay, Cleburne

Roads with undersized and deteriorating culverts create barriers and increase sediment deposits at stream crossings. These barriers hinder the movement and passage of fish and other aquatic species. Of the 157 of 252 inventoried barriers (culverts) to aquatic passages that have been surveyed within the National Forests in Alabama, about 38 percent are classified as impassable. This project will remove barriers to fish and other aquatic organisms in Basin Creek and Alfred Spring, near Houston Recreation Campground in the Bankhead National Forest, and replace undersized and deteriorating culverts on the Bankhead and Tuskegee National Forests. In addition to removing barriers and decreasing sediment deposits, this project will restore river and stream continuity, and improve stream habitat, all which are vital to restoring sustainable populations of native fish and other aquatic species.

### **National Forests in Alabama- Bridge Replacement & Maintenance**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,415,000 for Capital Improvement and Maintenance

**Counties:** Calhoun, Cleburne, Covington, Escambia, Macon, Talladega

The transportation system of the National Forests in Alabama includes over 1,200 miles of roads and 360 miles of trails, with bridges making up a major component of the system. There are approximately 120 road and trail bridges within the Forest in various conditions that require annual monitoring, maintenance, and periodic restoration. This project will involve removing culverts and litter around bridges and replacing trail bridges, signs, and markers. Successful completion of the project will put people to work as well as replace deteriorating bridges, improve habitat for fish and other aquatic organisms, reduce sediment deposits into streams and rivers, and improve visitor travel access.

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## **Alaska**

### **Ocean Boulevard Forest Thinning**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 677,000 for Capital Improvement and Maintenance

**County:** Skagway-Hoonah-Angoon Census Area

Following completion of the Tongass Road Reconstruction and Decommissioning companion roads project; this project will thin 238 acres of young growth forest to improve forest health. It increases the space, sunlight, water and nutrients available for the remaining trees, allowing them to thrive and grow, providing improved habitat for deer. This project is located near Sitka, Alaska. Benefits include better subsistence opportunities. Subsistence is living from the land and streams and it is critical for residents in rural villages in Alaska. This project has strong support from the community of Sitka, the Sitka Tribal Council, and The Nature Conservancy. In addition

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to jobs supported by the actual project, it will also create economic benefits to local communities from service and supply industries during project implementation.

### **Colorado Road and Trail Fish Passage Improvement in Alaska**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 300,000 for Capital Improvement and Maintenance

**Partners:** Yakutat Salmon Board, The Nature Conservancy, Yakutat Tlingit Tribe, City and Borough of Yakutat

**County:** Yakutat Borough

In Yakutat, Alaska, 90 percent of the town's economy depends upon subsistence (living from the lands and streams), recreational and commercial fisheries. Healthy wetlands, streams and watersheds are critical in such rural villages. However, in Yakutat, historic roads built for oil exploration damaged over 6,000 acres of wetlands and streams in the Situk and Lost River watersheds. These roads diverted streams and blocked salmon passage with abandoned plugged culverts. This project, associated with a road project on the Tongass National Forest, reconnects 40 salmon streams, re-opens more than 25 miles of habitat, and restores 6,000 acres of wetland. The project will also eliminate periodic flooding of the Yakutat Airport by re-creating natural drainage. Work will be done through a combination of contract, cooperative agreement and Forest Service staff labor in an area with high unemployment. The Yakutat Salmon Board is a project partner, supplying funding and labor. Additional partners include The Nature Conservancy, Yakutat Tlingit Tribe and the City and Borough of Yakutat.

### **Chugach National Forest-Snug Harbor Road Recondition and Resurface**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,500,000 for Capital Improvement and Maintenance

**Partners:** Chugach Electric Association

**County:** Kenai Peninsula Borough

This project is located south of Anchorage along the Sterling Highway near Cooper Landing, Alaska, in the Chugach National Forest. It covers eight miles of road reconstruction and laying of new gravel on an existing national forest road. The road is severely degraded and does not provide the level of service needed by the public and businesses. In recent years, several culverts have washed out resulting in costly emergency repairs, resource damage, and disruption of service. The project will provide a safer public experience and reduce deferred road maintenance on the existing road. Snug Harbor Road provides the only access to a national forest trailhead and to a hydroelectric plant that provides power to the Kenai Peninsula. An existing agreement with Chugach Electric Association will ensure that the reconstructed road will be maintained to the appropriate standard needed.

### **Tongass National Forest-Bridge Repair/Replacement**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,100,000 for Capital Improvement and Maintenance

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**County:** Skagway-Hoonah-Angoon Census Area

To live in a small Southeast Alaska community often means to go without many of life's amenities. To go without safe bridges is a risk residents of these places should not have to endure. People who live in Hoonah, Petersburg and the nine communities on Prince of Wales Island must travel every day over 18 unsafe bridges with missing guardrails and worn-out surfaces. All of these bridges are on routes that serve as direct links for access needs, making them all but impossible to avoid. Improvements include several bridge repair and replacement projects across the Tongass National Forest.

### **Tongass National Forest-South Tongass Bridge and Culvert Replacement**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,210,000 for Capital Improvement and Maintenance

**County:** Prince of Wales-Outer Ketchikan Census Area

Criteria for bridges and culvert stream crossings have changed dramatically in a decade; many old stream crossings do not meet the current standards that allow fish to move up or down stream. These bridges and culverts are also public health and safety risks at stream crossings located on Revillagigdo and Prince of Wales Islands. Some of these structures block salmon and resident fish passage in important streams. This limits survival and reproduction for these species and the wildlife and people who depend upon them for food. These roads provide community connections and access for subsistence and recreational fishing. This project will replace 11 deficient bridges and major culverts on high use roads and will improve safety for forest visitors. This project will reopen about five miles of high value salmon habitat and the work will provide much-needed jobs in areas of high unemployment for a full construction season in addition to long-term benefits to subsistence, recreational, and commercial fishing.

### **Tongass Road Reconstruction and Decommissioning**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,119,000 for Capital Improvement and Maintenance

**County:** Prince of Wales-Outer Ketchikan Census Area

This project is on the Tongass National Forest and covers an area in Southeast Alaska from Prince of Wales Island in the south, to Yakutat in the north. It will provide badly needed jobs in economically depressed areas with high unemployment. Public involvement through Access and Travel Management planning identified important portions of this project. The roadwork will reconstruct ditches, clean culverts, repair roads, brush roadsides, and resurface roads with crushed rock at various locations on 27 miles of roads. This work includes temporary closure of 2.6 miles of road; removing 1.6 miles of road to restore the land and restore 30 salmon stream crossings. By improving water quality in major spawning streams, it is hoped that four species of salmon will increase in numbers. This is important for wildlife, subsistence users, commercial fishers, and tourism operators who rely on excellent fishing opportunities to draw visitors. Project benefits also include improved public health and safety, improved watersheds, and right-sized transportation systems that meet resource management and funding.

### **Tongass National Forest-Road Decommissioning**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,142,000 for Capital Improvement and Maintenance

**County:** Prince of Wales-Outer Ketchikan Census Area

The community of Ketchikan is located on Revillagigdo Island at the southern tip of Alaska. This project will temporarily close and remove 92 miles of road to restore the land and restore salmon stream crossings and will reduce maintenance costs as well. An additional 40 miles of roads will be converted to motorized vehicle trails, improving access for subsistence hunting and gathering activities, as well as for recreational users. Subsistence, dependent living from the land and streams is critical for residents in rural villages in Alaska. Workers will use road closure methods that benefit fish habitat. By removing over 300 stream crossing structures, they will restore natural drainage patterns. This will reestablish fish passage in salmon streams and reduce sedimentation. This project will also. Benefits include reducing deferred maintenance and right-sizing the road system so that maintenance dollars can be put toward higher-priority roads.

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## **Arizona**

### **Apache-Sitgreaves National Forests - NFSR 249, 249E & 24 Aggregate Surfacing**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 760,000 for Capital Improvement and Maintenance

**County:** Apache

Forest System Roads 249, 249E & 24 are the main transportation system to access the Alpine and Springerville Ranger District's developed recreation sites and the White Mountain Apache Tribe's Reservation Lake Recreation Area. The roadways are all on the Apache-Sitgreaves National Forests. These roadways connect directly to Arizona's Coronado Trail National Scenic Byway and Arizona Highway 261. The project is located in one of the most economically depressed counties in Arizona, Apache, and local contractors will be used to stimulate the economy. This project is intended to reestablish the road template while reducing sediment into the headwaters of the San Francisco and Black River drainages. The work to be accomplished includes furnishing and placement of aggregate surfacing on approximately 19 miles of roads maintained for passenger vehicles, utilization of a mobile crusher for processing of existing oversized material and the hardening of roadway surfaces adjacent to major drainages. The project will result in a reduction of \$525,000.00 deferred maintenance backlog and reduce the annual maintenance by constructing a stable roadbed.

### **Apache-Sitgreaves National Forests - Big Lake Asphalt patching, Sealing, Striping, aggregate replacement**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,000,000 for Capital Improvement and Maintenance

**County:** Apache

The Big Lake Recreation Area is the second most visited recreation site on the Apache-Sitgreaves National Forests. It is located on the Springerville Ranger District, approximately 25

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miles from the towns of Springerville, Greer and Eagar, 19 miles from Alpine, Arizona. The towns rely on the significant tourism opportunities that these facilities provide. The project is located in one of the most economically depressed counties in Arizona, Apache, and local contractors will be used to stimulate the economy. This project consists of patching sections of pavement that were removed for sewer line repairs, pot hole patching, crack sealing as needed, fog sealing and slurry seals on all asphalt surfaces and re-striping the pavement. It includes resurfacing aggregate campground roadways and spurs and applying soil stabilizer to meet accessibility requirements. The surfaces included are the 8115 road, roads in the Rainbow Campground, Brookchar Campground, Cutthroat Campground, Grayling Campground, and parking lots at Southcove boat launch, Big Lake boat launch, the Marina boat launch and parking lot access roads. This project will provide a safe transportation system in the Big Lake Recreation Area and will reduce the deferred maintenance backlog by \$900,000. This project will also reduce erosion and sedimentation.

### **Apache-Sitgreaves National Forests- NFSR 405,688,275,26,8007 surfacing and drainage**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 556,000 for Capital Improvement and Maintenance

**County:** Apache

These Forest System Roads are on the Alpine and Springerville Ranger Districts. The components of the project are located in one of the most economically depressed counties in Arizona, Apache, and local contractors will be used to help stimulate the economy. This project consists of improving 12.5 miles of roadways by spot surfacing, construction and reconstruction of grade dips, installation and repairs of culverts with riprap reinforced outlets, construction and reconstruction of culvert headwalls and construction of sediment traps to minimize sediment transportation into the adjacent drainages/streams. The project also consists of the obliteration of .3 miles of unauthorized user-created road across the perennial tributary of the North Fork East Fork Black River to reduce sedimentation, reduce erosion and improve aquatic habitats and the watershed. The project will result in a reduction of \$525,000.00 of deferred maintenance backlog.

### **Coronado National Forest- Bridge Replacement (3- Madera Cyn and Silver Creek)**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,500,000 for Capital Improvement and Maintenance

**Partners:** Cochise County, Santa Cruz County

**County:** Santa Cruz

The work in the project involves infrastructure improvements through replacement of two unsafe (functionally obsolete) 1940s-era single-lane bridges (on a double lane road) in Madera Canyon and a structurally deficient two-lane bridge at Silver Creek. The bridges are on the only routes to significant recreational tourism sites. Double lane access will enable better emergency/fire response to the affected area, thus improving visitor safety. The project of the two bridges in Madera Canyon/Santa Cruz County will offer jobs to an economically depressed area in a remote

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section of Santa Cruz County. The local labor pool in Cochise County is small and this work will have a disproportionate beneficial effect in the project area of Silver Creek.

### **Forest Wide Road Realignment and Decommissioning**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,000,000 for Capital Improvement and Maintenance

**Partners:** Arizona Game and Fish Department, Turkey Federation

**Counties:** Graham, Pima, Santa Cruz

The project entails the realignment of existing roads where no legal access is currently available, and unlikely to be secured in-place, to Forest Service lands; realignment of existing roads where safety and/or environmental concerns related to the current location will also occur; and decommissioning many roads identified for disposal under the ongoing Travel Management Rule, which is nearing completion on several areas of the Coronado National Forest. This project will produce jobs in economically distressed counties in Arizona. We will work with Arizona Game and Fish as well as the Turkey Federation to accomplish our goals for this project.

### **Coronado National Forest-Madera Canyon Road Reconstruction and Pavement Replacement**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,500,000 for Capital Improvement and Maintenance

**Partners:** Santa Cruz County

**County:** Pima, Santa Cruz

This project is located in the Coronado National Forest and will create an estimated 30 jobs in Madera Canyon/Santa Cruz and Pima Counties, an economically distressed area in a remote section of Arizona. The local labor pool in Santa Cruz County is small and this work will have disproportionate beneficial effect in the project area of Madera Canyon. The route supports the only route into the area's recreation sites and is heavily used by tourists and employees. The current condition of the road presents a safety issue. The work involves the replacement of deteriorated pavement structure on the main Madera Canyon road and adjacent main recreation access roads that otherwise should have been replaced years ago and therefore, will reduce deferred maintenance.

### **Forest Wide Hardened Stream Crossings Phase II**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 600,000 for Capital Improvement and Maintenance

**Counties:** Graham, Pima, Santa Cruz

The transportation system on the forest has numerous roads which cross dry or intermittent washes and streams. These crossings are often damaged by heavy runoff from storms resulting in sedimentation and possibly affecting downstream aquatic species. The situation can also create safety hazards for the traveling public if the erosion is severe. By hardening these crossings with

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a concrete structure, we can reduce the ecological affects of the transportation system, while mitigating a situation which has potential safety risks to the recreating public.

### **Prescott National Forest-Potato Patch CG Road Repair/Reconstruction**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 250,000 for Capital Improvement and Maintenance

**County:** Yavapai

This project is located in one of the most economically depressed counties in the state. It will address the infrastructure needs of a popular recreation site located on the Prescott National Forest. The project entails minor reconstruction and sub grade repair, and resurfacing of the existing asphalt pavement. The project will reduce deferred maintenance, address user health and safety, and protect and extend the life of a major investment while maintaining access to a popular family campground. The campground is located on the summit of Mingus Mountain at 7000 feet in ponderosa pines. It is easily accessible off of State highway 89A and is located approximately 60 minutes from Prescott or Camp Verde. Potato Patch recreation facilities provide camping sites for RVs and tents, access for hikers accessing the Woodchute Wilderness. The facility also provides easy access to the historic mining town, of Jerome, a popular tourist destination, located 8 miles northeast on 89A.

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## **California**

### **National Forests throughout California - Decommissioning Roads (reducing deferred maintenance, increasing water quality)**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,800,000 for Capital Improvement and Maintenance

**Partners:** State of California, Off Highway Vehicle Division, California Department of Transportation

**Counties:** Amador, Lake, San Bernardino, Siskiyou

This project involves the decommissioning of unauthorized forest roads or roads that are no longer needed on the National Forests throughout California. Most of these roads present environmental and potential safety hazards to users because they are not maintained for vehicle use. The erosion from these roads also endangers the downstream health of watersheds that provide drinking water to millions of Californians and provide critical habitat for fish and wildlife species. Road decommissioning includes removal of all drainage culverts and the earthen fills that cover them, and ensuring that the roadway surface slopes and drains properly to minimize erosion. The Forest Service will partner with the California State Off Highway Vehicle Division on a number of these projects. Public benefits from this project include the elimination of roads that are hazardous for vehicle travel, reduction of erosion and sedimentation into streams and rivers, and improvement of water quality and habitat downstream for fish and wildlife species. Many of the roadbeds will continue to be utilized by the public as hiking trails.

### **National Forests in California-Bridge Maintenance/Deficient Bridges**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 6,020,000 for Capital Improvement and Maintenance

**Counties:** Butte, El Dorado, Fresno, Los Angeles, Plumas, Tulare, Tuolumne, Yuba

Road bridges provide critical connections between people and their public lands. They provide access over otherwise impassable rivers, streams, and drainages and help protect sensitive ecological areas. This project will take place on 12 National Forests throughout California and will replace deficient road bridges with new bridges and repair bridges with long standing maintenance needs. The work will include the replacement or repair of structurally unsound bridge decks and railings, and painting of steel structures and approach repairs. These replacement and rehabilitations will improve public safety and public land access while protecting the natural environment that surrounds the bridges. This work will also protect public investments by extending the life of existing bridges and reducing future maintenance costs.

### **Humboldt-Toiyabe National Forest, Carson Ranger District - decommission unauthorized routes**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 500,000 for Capital Improvement and Maintenance

**Partners:** Nevada Conservation Corps/Great Basin Institute

**Counties:** California: Alpine, Sierra; Nevada: Carson City; Washoe County

The Humboldt-Toiyabe National Forest, Carson Ranger District published its Motor Vehicle Use Map in 2009, based on past Travel Management Planning Environmental Assessments. This project will decommission unauthorized routes that were designated as “closed” under these plans. Nevada Conservation Corps (NCC) young-adult crews will be hired to decommission closed unauthorized trails and two-track routes that can be effectively rehabilitated by hand reseeded and vertical mulching techniques. NCC employment gives young adults valuable life experiences and outdoor education, as well as job skills and a pay check. Project results will include critical route signing, as well as route rehabilitation and/or decommissioning (using either NCC crews or heavy equipment), to prevent future resource damage. Larger scale closures requiring heavy equipment will be contracted to qualified private contractors, contributing additional jobs to the depressed construction industry in several counties with high unemployment rates.

### **National Forests in California - Storm proofing/reconstruction Roads (Water Quality, Safety)**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 11,773,000 for Capital Improvement and Maintenance

**Partners:** California State Regional Water Quality Control Board, State of California, California Department of Transportation

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**Counties:** California: El Dorado, Los Angeles, Madera, Modoc, Plumas, San Bernardino, Sierra, Siskiyou, Tehama, Trinity and Tuolumne. Nevada: Esmeralda

This project involves maintenance, and reconstruction of Forest Service roads throughout California. Forest Service roads provide important access to public lands and the recreational opportunities they provide. Many of these roads are unpaved, and storm events can cause erosion or even road failure. This project includes improving water drainage on the road surface, removing brush out of ditches and replacing undersized road culverts. Small culverts under the roads will be replaced with larger, appropriately sized culverts so storm drainage can safely pass from one side to the other without damaging the road or the surrounding environment. Larger culverts also help fish and aquatic wildlife such as toads and frogs pass through the culvert, re-establishing habitat connections for these fish and animals. This project will improve downstream water quality through reduction of erosion and sedimentation, thus protecting threatened, endangered, and sensitive species habitat. This work will also improve public safety by making critical road repairs that are needed now and reducing the risk of catastrophic road failure during future storm events.

### **National Forest in California - Paving/Chipseal/aggregate Surfacing**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,379,000 for Capital Improvement and Maintenance

**Partners:** National Park Service, Bureau of Land Management, California Department of Fish and Game, Los Angeles Department of Water and Power, California Department of Transportation

**Counties:** California: Alpine, El Dorado, Fresno, Humboldt, Inyo, Kern, Lassen, Madera, Modoc, Mono, Monterey, Placer, Plumas, San Bernardino, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Tehama and Trinity. Nevada: Esmeralda

This project involves repairs to heavily used, deteriorated roads on National Forest lands across California. This project includes asphalt repair and placement on roads and parking lots accessing visitor centers, popular recreation facilities, and a snowmobile park. Some work will be accomplished in partnership with the National Park Service and local county governments. Erosion and sedimentation into streams and rivers adjacent to the project sites will be reduced as a result of these road surface repairs. Other project benefits include improving public safety, enhancing water quality, protecting threatened, endangered and sensitive species habitat adjacent to the project sites, enhancing emergency vehicle access and eliminating a large backlog of much needed road maintenance.

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## **Colorado**

### **Pawnee National Grassland-Bird Tour Road (NFSR 69, 96, 104)**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,500,000 for Capital Improvement and Maintenance

**County:** Weld

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The Pawnee National Grassland (PNG) is known internationally for its outstanding bird watching opportunities which contribute to tourism in Colorado. There are several key sites on the PNG where much of this activity occurs. The Pawnee Bird Tour utilizes grassland and county roads and provides recreational visitors the opportunity to view a variety of bird species in their natural environment. The Pawnee Buttes are also a key site for bird watching, especially for observing raptors. The Bird Tour road has degraded due to loss of aggregate surfacing and erosion problems caused by poor road drainage. It is also in need of designated interpretive points of interest. Project funding will provide for backlogged road maintenance and designated and signed interpretive pullouts. Past partners who have made the Bird Tour successful include the National Audubon Society and the Colorado Division of Wildlife.

### **San Juan National Forest-Road Resurfacing/Stabilization and Decommissioning**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 4,900,000 for Capital Improvement and Maintenance

**County:** Dolores

The San Juan National Forest has over 2,700 miles of authorized system roads and over 900 miles of unauthorized roads. The authorized road system requires periodic maintenance to improve public safety, forest and watershed health, and to preserve roadway structure. Unauthorized roads are user-created routes or abandoned logging routes that require decommissioning to prevent resource damage and wildlife disturbance. This project would perform critical maintenance, repair road damage, remedy safety hazards, improve public and administrative access, enhance forest and watershed health, reduce the deferred maintenance backlog for system roads, and enable the decommissioning of roads in critical areas. The work will create jobs in a rural, economically distressed region of Colorado that includes Dolores, Montezuma and Archuleta counties, providing jobs in road construction and maintenance trades that are currently experiencing high rates of unemployment.

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## **Georgia**

### **Chattahoochee-Oconee Bogs Restoration**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 496,500 for Capital Improvement and Maintenance

**Counties:** Chattooga, Dawson, Fannin, Floyd, Gilmer, Gordon, Greene, Habersham, Jasper, Lumpkin, Murray, Putnam, Rabun, Stephens, Towns, Union, Walker, White and Whitfield

Mountain bogs are one of the rarest habitats found in all of the Southern Appalachians. This project will focus on the restoration of five rare mountain bogs on the Chattahoochee-Oconee National Forest and will address woody plant encroachment, the treatment of non-native invasive species, and the control of Hemlock Woolly Adelgid. The restoration will occur in conjunction with the repair of several bridges on the Forest. The project builds upon previous collaboration with entities like the Georgia Plant Conservation Alliance, Georgia Department of Natural Resources and the Chattahoochee Nature Center. The work will be accomplished through

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contracts to remove woody vegetation from the bogs and invasive species plant control in Hedden Bog, Keener Bog, Palm Swamp, Water Gauge and Hale Ridge Bogs. To the extent possible, the Forest will use local workforces. These restoration efforts will assist in the conservation for federally endangered and locally rare species.

### **Chattahoochee-Oconee National Forest-Road Slide Repair**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 140,000 for Capital Improvement and Maintenance

**Counties:** Murray, White

This project will repair two major roads that provide access to heavily used developed recreation areas. Both roads have experienced heavy erosion and significant slippage due to storm damage. Addressing these road slides is important to both visitor safety and potential resource degradation along the Upper Chattahoochee River. The work will be accomplished through soil nail launcher technology, a technique that has been used extensively on neighboring forests for repairs to hurricane damage. The first part of the contract will address the road slide on the Conasauga Ranger District and will include the use of heavy equipment to remove soil, stabilize the existing roadbed, and add surface material. Contractors will also be expected to seed and mulch the slide area to stabilize the exposed soil. The second part of the contract will address the road slide on the Chattooga River Ranger District.

### **Chattahoochee-Oconee National Forest-Road Bridge Maintenance and Repair**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 275,000 for Capital Improvement and Maintenance

**Counties:** Banks, Catoosa, Chattooga, Dawson, Fannin, Floyd, Gilmer, Gordon, Greene, Habersham, Jasper, Jones, Lumpkin, Monroe, Morgan, Murray, Oconee, Oglethorpe, Putnam, Rabun, Stephens, Towns, Union, Walker, White and Whitfield

This project conducts deferred maintenance of bridges located on major thoroughfares or roads that provide critical access to major developed recreation areas across the Chattahoochee-Oconee National Forest. Work includes repairing spalls on concrete abutments to address rebar weathering, repairing bridge abutments that have moved out of place, repainting steel bridges to prevent rust and adding missing markers and signs. The project will improve the Forest's transportation infrastructure and enhanced visitor safety. It will improve downstream aquatic resources.

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## **Idaho**

### **Idaho & Clearwater County Roads Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,260,500 for Capital Improvement and Maintenance

**Partners:** Idaho Department of Lands

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**Counties:** Clearwater, Idaho

The Idaho & Clearwater County Roads Projects will be accomplished on the Nez Perce and Clearwater National Forests. The projects will include road decommissioning and soil restoration work that will provide ecological benefits including improving fish and wildlife habitat, restoring fish passage, improving wetlands, protecting threatened, endangered and sensitive species, reducing the spread of invasive weeds, and reducing erosion and sedimentation within the associated watersheds. The road decommissioning will not only improve the transportation infrastructure by reducing deferred maintenance obligations on the Forests but will also support local business and/or attract private business within the counties. Additionally, these projects will promote value-added to local communities in Idaho and Clearwater counties as contractors would utilize local workforce purchase equipment, materials and supplies, fuel, and other accommodations from local business owners.

### **Bonner County Roads Projects 2**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 6,700,000 for Capital Improvement and Maintenance

**Partners:** Kalispell Tribe, Salmon Recovery Board, Bonneville Power Administration, Washington Department of Fish and Wildlife, Idaho Panhandle Resource Advisory Committee

**County:** Bonner

This Bonner County Roads Project eliminates unneeded forest roads. It improves watershed health and wildlife habitat by stabilizing soils and reducing sediment reaching streams, and assists native fish populations by removing blocked migration passages and adding woody debris to create habitat. Nearly 50 miles of roads will be eliminated, and over 40 roads will be improved or reconstructed. Approximately five miles of roads will be re-routed to reduce sedimentation and for long-term protection of water quality. Replacing two bridges and tending to about five miles of stream improvement work will provide safer travel and reduce impacts to area streams. Past project collaboration has included Tribes, the State of Washington, adjacent landowners, community-based groups, local rural fire departments, the Bonner County Fire Mitigation Committee, Bonner County emergency management staff, local and regional environmental groups, and other Federal and State agencies. Implementation of these projects will create jobs locally through contract work in Bonner County.

### **Idaho Panhandle National Forest-Shoshone County Roads Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,430,000 for Capital Improvement and Maintenance

**Partners:** Shoshone County Road Department, Northwest Access Alliance, Idaho Panhandle Resource Advisory Committee

**County:** Shoshone

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Many National Forest roads and bridges in Idaho's five northern counties (Boundary, Bonner, Benewah, Kootenai, and Shoshone) need general road maintenance. The Shoshone County Roads Project includes road blading, brushing, gate repair, and drainage maintenance work. Repair work on up to 25 bridges will improve and maintain access for numerous recreational and other forest user activities, as will improvements to 10 miles of roads. Some bridges that are expensive to continually repair will be replaced with improved structures. These road projects also benefit the employees of the Idaho Panhandle National Forest, providing critical access for workers conducting watershed restoration work and reduction of hazardous fuels. These repairs will reduce dust and sediment, which will help improve water quality and enhance aquatic habitat. Another aspect of this project will address educational efforts about illegal, off-road travel, improved informational signing and physical barriers to prevent off-roading. The Forest's access partners include North West Access Alliance, Panhandle Trail Riders Association, Kootenai County law enforcement agencies, and the Idaho Panhandle Resource Advisory Committee.

### **Potter Creek Bridge & Kootenai County Road Decommissioning**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 530,000 for Capital Improvement and Maintenance

**Partners:** North Idaho Flycasters

**County:** Kootenai

Hunting, fishing, snowmobiling, hiking, and huckleberry picking are among the popular recreational pastimes contributing to local economies in Kootenai County. The Potter Creek Bridge and Kootenai County Road Decommissioning project replaces worn out bridges with newer more durable materials to better protect sensitive waterways, allow streams to function more naturally, and protect public safety. Watershed restoration is important to forest health and to meeting state water quality standards. Improved fish habitat can increase fish populations and draw anglers who contribute to local economies. Bridge and road work will improve access and provide job opportunities for local residents and businesses. The project includes required activities associated with reducing remaining impacts from past timber projects, including hazardous fuel reduction. Many partners-including North Idaho Flycasters, Idaho Department of Environmental Quality and Idaho Department of Fish and Game are already engaged through challenge cost share agreements and volunteer contributions. The National Fish and Wildlife Foundation is a new potential partner. Project work is supported by the North Fork Coeur d'Alene River Watershed Advisory Group.

### **Clearwater & Latah Counties Road work**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**Partners:** Potlach Corporation

**County:** Clearwater

## Forest Service ARRA **Roads** projects announced 6/2/2009

The Clearwater and Latah Counties Road Work involves replacing poorly structured culverts blocking fish passage (particularly westslope cutthroat trout, an important component of native fish fauna) in Emerald Creek. The new culverts would allow for fish spawning upstream. In total, four stream crossings along Emerald Creek will benefit from this project, clearly reducing sediment and protecting the stream. This watershed improvement project would provide opportunities for local contractors to obtain needed work, while helping to protect native fish habitat. The work opportunities would occur primarily in Clearwater County which is currently experiencing a high unemployment rate.

### **Clearwater County Roads Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 4,130,000 for Capital Improvement and Maintenance

**Partners:** Nez Perce Tribe (Grant from Bonneville Power Corporation)

**County:** Clearwater

The Clearwater County Road Projects will provide a variety of benefits including: reduction of deferred maintenance, fish passage, weed treatment, watershed improvements, and road decommissioning. The work includes: surface stabilization of recently placed aggregate on up to 18 miles of road, dust abatement and road maintenance in brushing and blading several more miles. The project includes the survey, design, and implementation of additional culvert replacements and several bridge repairs. It will eliminate or temporarily close approximately 20 miles of road and landings, and provide for partner matching on several more miles of road elimination. Infrastructure improvements include work to chip seal asphalt pavement at five administrative sites and approximately six recreation sites. Since roads and trails often lead to the spread of invasive weeds, a weed treatment component is included in the road work. This work will be accomplished through contracts providing local job opportunities.

### **Idaho County Roads Projects 1**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,945,000 for Capital Improvement and Maintenance

**Partners:** Idaho Transportation Department

**County:** Idaho

The Idaho County Roads Projects will yield a number of important benefits in accord with the American Recovery and Reinvestment Act (ARRA). The projects will provide valuable jobs while providing for reduction of deferred maintenance, facilities maintenance and improvements, fisheries and watershed improvements and protection of natural resources. These projects will provide immediate benefits to local communities as the work performed will be conducted by local construction contractors, materials suppliers, and support services. These projects will benefit National Forest resources and the public by providing maintained access. The project will improve fish passages at critical stream crossings, reductions in sediment, wildlife habitat improvements, and improvement of forest soils. These projects will be in partnership with the

## Forest Service ARRA **Roads** projects announced 6/2/2009

Nez Perce Tribe, local mill owners, Idaho County, and local highway districts. These projects will promote value added to local communities in Idaho County as contractors would utilize local workforce and purchase equipment, materials and supplies, fuel, and other accommodations from local business owners.

### **Boise NF Deferred Road and Bridge Maintenance and Improvement**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 4,805,000 for Capital Improvement and Maintenance

**Partners:** Idaho Department of Parks and Recreation

**County:** Valley

This project is designed to protect anadromous fish habitat and improve public access to National Forest System land. The project involves resurfacing 36 miles of road, repair and/or replacement of six bridges and maintenance of an additional 400 miles of roads. Public access to recreational destinations will be safer and more enjoyable to forest visitors. Water run-off into streams and rivers will be improved and erosion will be reduced. Better water quality is advantageous to listed salmon species native to the streams in the area.

### **Payette N.F. Road and Bridge Maintenance and Improvement**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 4,365,000 for Capital Improvement and Maintenance

**Partners:** Idaho County, Idaho

**County:** Adams

The South Fork Salmon River road is a very popular road used for various recreation pursuits. This project will improve public safety, reduce sedimentation and protect the investment in the National Forest's roads. This project will maintain 70 miles of paved road and restore three deficient bridges. When complete, people using the road will have safer and better access to campgrounds, trails and wintertime access to backcountry communities.

### **Payette NF Roads - Beaver Creek Re-route and Decommissioning**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 270,000 for Capital Improvement and Maintenance

**Counties:** Adams, Idaho

Located in Adams County, an economically distressed area suffering from 20% unemployment, this project will improve public access, restore fish habitat degraded by sedimentation and improve overall watershed conditions. The projects will also complete road relocations that were left unfinished when an associated timber sale was canceled in the early 1990's. The incomplete

## Forest Service ARRA **Roads** projects announced 6/2/2009

roads are shown on the Forest travel plan as suitable for passenger car travel. The project will correct significant safety hazards including replacement of washed out culverts, complete work on unfinished road sections and improve road surface condition. Re-routed road segments will allow for the removal of eight miles of roads currently found within stream corridors.

### **Salmon-Challis National Forest-Salmon River Bridges**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 10,000,000 for Capital Improvement and Maintenance

**Partners:** Federal Highway Administration, Western Federal Lands Division

**County:** Lemhi

In partnership with Lemhi County, Idaho, this project involves the replacement of three vintage 1950 bridges that cross the Salmon River. The bridges, in concert with the River Road, provide the only access to the Middle Fork and Main Fork of the Salmon River for recreationists. The Salmon River Road runs along the Salmon River in central Idaho, providing access to millions of acres of National Forests. Along the road visitors see steelhead and salmon run, big horn sheep and amazing scenery. It supports high volumes of recreational and commercial access for business, as well as use by year-round residents that depend on it for access to private property. The bridge replacements will increase public safety and provide a safe and reliable evacuation route during a wildland fire event, which occurs frequently in this area.

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## **Illinois**

### **Kaskaskia Experimental Forest Road Related Ecosystem Enhancements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 200,000 for Capital Improvement and Maintenance

**Counties:** Hardin, Pope

This is a companion project to the Kaskaskia Experimental Forest Road Maintenance and Improvements in Illinois. During the process of maintaining and improving the current road system the impacts on the existing vegetation will include denuding the road shoulders and sideways, widening lines of vision (on curvy roads with limited sightlines), changes in water drainage systems, and other negative vegetative impacts. Work on this project will include planting or removing vegetation as appropriate, culvert replacement and creation of site drainage. Without this aspect of the road work, water quality will suffer, the road work completed will have a shortened lifespan, safety of the road network will continue to be an issue (and could be worsened), avenues for establishment of invasive species will be created (disturbed land that is not re-vegetated is ripe for enabling invasive species), and roadway runoff could be exacerbated.

### **Jobs to Improve Fish Passage and Restore Bridges in Wisconsin and Illinois**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,000,000 for Capital Improvement and Maintenance

## Forest Service ARRA **Roads** projects announced 6/2/2009

**Partners:** Nature Conservancy, Will County, Illinois; Florence County, Wisconsin  
**County:** Illinois: Will. Wisconsin: Florence, Oconto, Sawyer

Improving bridge safety and road crossings, as well as improving fish passage are a high priority in both Wisconsin and Illinois. This project will create jobs and restore fish passage at six streams in Wisconsin and two in Illinois. The work will include improving safety at bridges and road crossings to meet standards; stabilizing stream banks; restoring stream channels and reducing sedimentation into streams. This work includes restoration of the historic Red Bridge over Armstrong Creek in the Chequamegon-Nicolet National Forest. Restoration and placement of the Red Bridge will provide final stabilization for the stream banks and restore stream channels. This work will have long-standing benefits to the visiting public through improved transportation infrastructure and to fish and other aquatic species through improved stream passage.

### **Kaskaskia Experimental Forest Road Maintenance and Improvements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 200,000 for Capital Improvement and Maintenance

**Counties:** Hardin, Pope

The Kaskaskia Experimental Forest, located in southern Illinois provides a venue for studies of mixed-hardwood and oak-hickory sites and the long-term impacts of commercial-type forest management practices under uneven-age silviculture. More than 30 research studies have been conducted within the Kaskaskia including a systematic comparison of harvesting and regeneration methods for central hardwood forests. Active studies include documenting long-term changes in an old-growth natural area and documenting forest regeneration in group openings of differing sizes. This experimental forest is a contributor to the Forest Service research program. Performing maintenance on the roads will improve access to research plots and improve worker safety. Work will address deferred maintenance, such as gravel, grading, brush and cut, and resurfacing on Forest Service roads.

### **Forest Service Eastern Region – Region-wide Jobs, Deferred Maintenance Reduction and New Requirement Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota: Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison,

## Forest Service ARRA **Roads** projects announced 6/2/2009

Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

**Safety: By Car or ATV --** This project takes a bite out of road maintenance needs and employs people to do much-needed forest road and trail signing work in 13 Eastern and Midwestern states. Contracts and agreements will provide private sector jobs in economically-depressed areas in and near 15 national forests. The project reduces a backlog of critical forest road maintenance to include: installing new standard retro-reflectivity signs informing people where they can legally ride off-road vehicles as well as locations their activities may be restricted -- in order to protect natural resources. These signs are necessary to implement Forest Service national Travel Management Rule and to meet new reflectivity signing requirements that increase user safety. Long-term benefits of the project include reducing a backlog of much-needed road maintenance work, and improving road safety for forest visitors and local residents.

### **Forest Service Eastern Region – Region-wide Jobs, Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

**Safer Roads, Cleaner Water --** This project to maintain forest roads creates private sector positions in multiple economically depressed counties in eleven Eastern and Midwestern states. The work includes maintaining a large number of forest roads by removing encroaching brush; adding gravel to surfaces on some roads and repaving others; replacing old, rusted-out culverts; and grading roadways. This wide-ranging project will result in achieving many significant natural resource goals, including providing improved water quality through reduction of sediment; reducing critical deferred maintenance work; and improving safety for road users. The Forest Service has existing road maintenance partnerships with counties when their roads intertwine with forest roads, and both county and forest roads are often used for traveling to work, transporting children to school, providing emergency services, and deliveries, so the project offers noteworthy long-term benefits to local communities.

## Indiana

### **Forest Service Eastern Region – Region-wide Jobs, Deferred Maintenance Reduction and New Requirement Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota: Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

Safety: By Car or ATV -- This project takes a bite out of road maintenance needs and employs people to do much-needed forest road and trail signing work in 13 Eastern and Midwestern states. Contracts and agreements will provide private sector jobs in economically-depressed areas in and near 15 national forests. The project reduces a backlog of critical forest road maintenance to include: installing new standard retro-reflectivity signs informing people where they can legally ride off-road vehicles as well as locations their activities may be restricted -- in order to protect natural resources. These signs are necessary to implement Forest Service national Travel Management Rule and to meet new reflectivity signing requirements that increase user safety. Long-term benefits of the project include reducing a backlog of much-needed road maintenance work, and improving road safety for forest visitors and local residents.

### **Forest Service Eastern Region – Region-wide Jobs, Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

## Forest Service ARRA **Roads** projects announced 6/2/2009

Safer Roads, Cleaner Water -- This project to maintain forest roads creates private sector positions in multiple economically depressed counties in eleven Eastern and Midwestern states. The work includes maintaining a large number of forest roads by removing encroaching brush; adding gravel to surfaces on some roads and repaving others; replacing old, rusted-out culverts; and grading roadways. This wide-ranging project will result in achieving many significant natural resource goals, including providing improved water quality through reduction of sediment; reducing critical deferred maintenance work; and improving safety for road users. The Forest Service has existing road maintenance partnerships with counties when their roads intertwine with forest roads, and both county and forest roads are often used for traveling to work, transporting children to school, providing emergency services, and deliveries, so the project offers noteworthy long-term benefits to local communities.

### **Paoli Experimental Forest Road Maintenance and Improvements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 200,000 for Capital Improvement and Maintenance

**County:** Warwick

The Paoli Experimental Forest located in south-central Indiana, was established in 1963. Research conducted on the experimental forest has been used to develop prescriptions for regenerating oaks in moderately moist forests of the central hardwood region. The research has added to the knowledge of how oak regeneration dynamics vary by ecoregion in the eastern United States. Performing maintenance on the roads will improve access to research plots and improve worker safety. The project will address deferred maintenance, such as gravel, grading, brush and cut, and resurfacing on Forest Service roads.

### **Paoli Experimental Forest Road Related Ecosystem Enhancements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 200,000 for Capital Improvement and Maintenance

**County:** Warrick

This is a companion project to the Paoli Experimental Forest Road Maintenance and Improvements in Indiana. During the process of maintaining and improving the current road system the impacts on the existing vegetation will include denuding the road shoulders and sidewalks, widening lines of vision (on curvy roads with limited sightlines), changes in water drainage systems, and other negative vegetative impacts. Work on this project will include replanting or removing vegetation as appropriate, creation of site drainage and culvert replacement. Without this aspect of the road work, water quality will suffer, the road work completed will have a shortened lifespan, safety of the road network will continue to be an issue (and could be worsened), avenues for establishment of invasive species will be created (disturbed land that is not re-vegetated is ripe for enabling invasive species), and roadway runoff could be exacerbated.

## **Kentucky**

### **Invasive Species Treatment**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 343,500 for Capital Improvement and Maintenance

**Counties:** Bath, Menifee, Rowan

In 2003, the Cumberland Ranger District received significant ice storm damage which downed trees and opened up the forest canopy, particularly near roads. Since then, various non-native invasive plant species have moved in, become established, and are spreading. Some areas have small concentrations of these invaders that can be removed by hand pulling. Other areas have much larger concentrations and will require the use of herbicides. This project is part of a larger one whose aim is to improve roads and aquatic habitat. Preliminary surveys have been conducted to identify general locations. This project will employ local hand labor crews to perform hand pulling of invasive species. Work will also include site-specific surveys to identify locations for work to occur and monitoring after completion.

### **Kentucky Dump Site Clean-up**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 500,000 for Capital Improvement and Maintenance

**Counties:** Bath, Clay, Estill, Harlan, Jackson, Knox, Laurel, Lee, Leslie, McCreary, Menifee, Morgan, Owsley, Perry, Powell, Pulaski, Rockcastle, Rowan, Wayne, Whitley, Wolfe

The Daniel Boone National Forest has hundreds of illegal garbage dump sites scattered across the forest -- along pull-offs, near rivers, and at the ends of roads. The forest will work with KY PRIDE and local county governments to clean up these illegal sites and restore these impacted areas. Workers will be hired to cleanup and haul away trash and debris. This will address multiple health and safety related issues, improve the visitor experience and clean up the forest.

### **Aquatic Monitoring Near Roads and Trails**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 240,000 for Capital Improvement and Maintenance

**Partners:** USFS Research - The Center for Aquatic Technology Transfer

**Counties:** Bath, Clay, Estill, Harlan, Jackson, Knox, Laurel, Lee, Leslie, McCreary, Menifee, Morgan, Owsley, Perry, Powell, Pulaski, Rockcastle, Rowan, Wayne, Whitley, Wolfe

This project involves aquatic monitoring near roads and trails to determine road impacts to the stream systems and habitats for threatened and endangered mussel species. Monitoring is part of Forest Plan implementation and will establish a baseline for future research and guide management actions. Qualified personnel are expected to be hired through contractors or the Center for Aquatic Technology Transfer to conduct this monitoring. As a result of this project, the Daniel Boone National Forest will have an indicator of any current issues with the streams,

## Forest Service ARRA **Roads** projects announced 6/2/2009

set a baseline for future monitoring activities, and be better able to manage threatened or endangered aquatic species.

### **Kentucky road maintenance**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 910,000 for Capital Improvement and Maintenance

**Counties:** Bath, Clay, Estill, Harlan, Jackson, Knox, Laurel, Lee, Leslie, McCreary, Menifee, Morgan, Owsley, Perry, Powell, Pulaski, Rockcastle, Rowan, Wayne, Whitley, Wolfe

This project includes multiple smaller maintenance projects aimed at improving road safety and aquatic habitat. Three large culverts will be replaced to allow fish and other aquatic species passage for threatened and endangered species, and numerous small culverts that are no longer serviceable will be replaced, decreasing the amount of sediment in streams. Roads used by passenger cars and in need of surfacing material will receive new gravel, which will improve safety and make for a smoother ride. Also, a road slide will be repaired and the impacted pavement replaced to address safety issues. Work is expected to be accomplished through employment of a variety of local road construction contractors and laborers. All of these projects will address a backlog of deferred maintenance, improve the affected watersheds, and improve public access to the forest.

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### **Maine**

#### **Massabesic Experimental Forest Road Maintenance and Improvements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 600,000 for Capital Improvement and Maintenance

**Counties:** Penobscot, York

The Massabesic Experimental Forest in Maine provides knowledge for the entire New England ecosystem. Some bridges are more than 30 years old and have deteriorated so they no longer can carry vehicles. The Experimental Forest is far removed from other portions of the White Mountain National Forest, so the road network has not received normal maintenance and the roads barely meet standards. Access to research plots is dangerous and time consuming. This project will increase efficiency and safety for employees. The project will address deferred maintenance, such as gravel, grading, brush and cut, and resurfacing on Forest Service roads.  
**State(s):** Maine

#### **Massabesic Experimental Forest Road Related Ecosystem Enhancements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 400,000 for Capital Improvement and Maintenance

**Counties:** Penobscot, York

## Forest Service ARRA **Roads** projects announced 6/2/2009

This is a companion project to the Massabesic Experimental Forest in Maine Road Maintenance and Improvements. During the process of maintaining and improving the current road system, the impacts on the existing vegetation will include denuding the road shoulders and sideways, widening lines of vision (on curvy roads with limited sightlines), changes in water drainage systems, and other negative vegetative impacts. Work on this project will include planting or removing vegetation as appropriate, replacing culverts and creation of site drainage. Without this aspect of the road work, water quality will suffer, the road work completed will have a shortened lifespan, safety of the road network will continue to be an issue (and could be worsened), avenues for establishment of invasive species will be created (disturbed land that is not re-vegetated is ripe for enabling invasive species), and roadway runoff could be exacerbated. This project will focus on important activities that complement critical road maintenance and improvement.

### **Forest Service Eastern Region – Region-wide Jobs, Deferred Maintenance Reduction and New Requirement Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota: Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

**Safety:** By Car or ATV -- This project takes a bite out of road maintenance needs and employs people to do much-needed forest road and trail signing work in 13 Eastern and Midwestern states. Contracts and agreements will provide private sector jobs in economically-depressed areas in and near 15 national forests. The project reduces a backlog of critical forest road maintenance to include: installing new standard retro-reflectivity signs informing people where they can legally ride off-road vehicles as well as locations their activities may be restricted -- in order to protect natural resources. These signs are necessary to implement Forest Service national Travel Management Rule and to meet new reflectivity signing requirements that increase user safety. Long-term benefits of the project include reducing a backlog of much-needed road maintenance work, and improving road safety for forest visitors and local residents.

### **Forest Service Eastern Region – Region-wide Jobs, Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

## Forest Service ARRA **Roads** projects announced 6/2/2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

Safer Roads, Cleaner Water -- This project to maintain forest roads creates private sector positions in multiple economically depressed counties in eleven Eastern and Midwestern states. The work includes maintaining a large number of forest roads by removing encroaching brush; adding gravel to surfaces on some roads and repaving others; replacing old, rusted-out culverts; and grading roadways. This wide-ranging project will result in achieving many significant natural resource goals, including providing improved water quality through reduction of sediment; reducing critical deferred maintenance work; and improving safety for road users. The Forest Service has existing road maintenance partnerships with counties when their roads intertwine with forest roads, and both county and forest roads are often used for traveling to work, transporting children to school, providing emergency services, and deliveries, so the project offers noteworthy long-term benefits to local communities.

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### Michigan

#### Jobs to Improve Lower Michigan Fish Passage - Pine River Van Etten

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,000,000 for Capital Improvement and Maintenance

**Partners:** Huron Pines Resource Conservation & Development Council, Alcoa County Road Commission

**County:** Alcona

This project will increase the survival and viability of aquatic species, enhance water quality, and provide for safer road systems through critical watershed improvements. Jobs will be created to perform project work to upgrade road-stream crossings for fish passage together with partners, who will contribute an additional \$250,000 and additional jobs. Specific work includes paving of approaches to crossings; replacement of undersized culverts; and installation of state-of-the-art sediment and water routing diversions. The project will benefit fish species such as native brook trout and the channel darter. They will also improve fish passage and reduce sediment delivery to stream channels. In addition to creating local job opportunities, the project will have long-term benefits for aquatic species, and will enhance visitors' recreational experience leading to an increase in tourism revenues in the area.

### **Jobs to Improve Lower Michigan Fish Passage - Pere Marquette River**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,100,000 for Capital Improvement and Maintenance

**Partners:** Conservation Resource Alliance, Lake County Road Commission, Michigan Department of Natural Resources, Michigan Department of Environmental Quality

**County:** Lake

Recovery Jobs and Partnerships WORK -- This project will create jobs, increase the survival of aquatic species, enhance water quality, and provide safer road systems for forest users and local residents. Tasks include upgrading eight road stream crossings and restoring 60 miles of the Pere Marquette River to free-flowing status. Watershed enhancements for the river will be performed outside its Wild and Scenic River segments, but benefits will be: improving water quality, reducing sediment delivery, and improving passage for aquatic organisms. Partners Conservation Resource Alliance and the Lake County Road Commission will contribute an additional \$330,000 to the work, which also benefits aquatic species such as brook, rainbow, and brown trout. In addition to creating local jobs, the project has long-term benefits for aquatic species and will enhance visitor recreational experiences that support local tourism revenues.

### **Jobs to Improve Upper Michigan Forest Fish Passage -3**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,410,000 for Capital Improvement and Maintenance

**County:** Mackinac

This project will increase the survival of aquatic species, enhance water quality, and provide for safer road systems for forest users and local residents in several counties in the severely economically depressed Upper Peninsula of Michigan. Jobs will be created to perform work replacing multiple undersized or failing drainage structures to facilitate the movement of fish and other aquatic species in streams and other water channels. This project also includes reconstructing a portion of a major road located along a forest wilderness area within the Lake Superior watershed.

### **Jobs to Improve Upper Michigan Fish Passage-1**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 711,000 for Capital Improvement and Maintenance

**Partners:** Michigan Department of Natural Resources

**County:** Houghton

Recovery Jobs Help Fish and Other Aquatic Species -- This project opens streams critical to the survival and sustained reproduction of a number of sensitive aquatic species in two Upper Michigan national forests. Jobs will be created in the economically distressed state of Michigan to replace drainage structures near roads in Hiawatha and Ottawa National Forests, opening a

## Forest Service ARRA **Roads** projects announced 6/2/2009

total of 6.5 miles of stream and providing quality spawning and rearing habitat for the Eastern brook trout. These streams are also important habitat for the Hines emerald dragonfly and the wood and Blanding's turtles. The stream passage project on the Ottawa National Forest is within a nationally designated Wild and Scenic River corridor. In addition to creating job opportunities in local communities, this project will have long-term benefits to sensitive aquatic species. It also creates safer travel conditions and enhanced recreational experiences for forest visitors.

### **Jobs to Improve Upper Michigan Forest Fish Passage - 2**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 500,000 for Capital Improvement and Maintenance

**County:** Mackinac

Work consists of site surveys followed by designs of high priority road stream crossings selected from a list of previously inventoried and assessed crossings. Employment will be created to perform the field work and design of fish passages at the crossings. The project will focus on restoring safe upstream and downstream fish passage to streams and stream reaches that have become isolated by culverts, dams, and other artificial obstructions. It also addresses ways to prevent or minimize harm to fish at stream diversions and water intakes. For migratory species of fish and aquatic wildlife, successful completion of their life cycle hinges on having access to and safe effective passage between reproduction, feeding, and refuge habitats.

### **Dukes, Lower Peninsula, and Udell Experimental Forest Road |Related Ecosystem Enhancements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 600,000 for Capital Improvement and Maintenance

**Counties:** Manistee, Marquette, Newaygo

This is a companion project to the Dukes, Lower Peninsula, and Udell Experimental Forest Road Maintenance and Improvements in Michigan. During the process of maintaining and improving the current road system, the impacts on the existing vegetation will include denuding the road shoulders and sideways, widening lines of vision (on curvy roads with limited sightlines), changes in water drainage systems, and other negative vegetative impacts. Work on this project will include planting or removing vegetation as appropriate, culvert replacement and creation of site drainage. Without this aspect of the road work, water quality will suffer, the road work completed will have a shortened lifespan, safety of the road network will continue to be an issue (and could be worsened), avenues for establishment of invasive species will be created (disturbed land that is not re-vegetated is ripe for enabling invasive species), and roadway runoff could be exacerbated. This project will focus on these important activities that complement critical road maintenance and improvement.

**Forest Service Eastern Region –  
Region-wide Jobs, Deferred Maintenance Reduction and New Requirement  
Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota: Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

**Safety:** By Car or ATV -- This project takes a bite out of road maintenance needs and employs people to do much-needed forest road and trail signing work in 13 Eastern and Midwestern states. Contracts and agreements will provide private sector jobs in economically-depressed areas in and near 15 national forests. The project reduces a backlog of critical forest road maintenance to include: installing new standard retro-reflectivity signs informing people where they can legally ride off-road vehicles as well as locations their activities may be restricted -- in order to protect natural resources. These signs are necessary to implement Forest Service national Travel Management Rule and to meet new reflectivity signing requirements that increase user safety. Long-term benefits of the project include reducing a backlog of much-needed road maintenance work, and improving road safety for forest visitors and local residents.

**Hiawatha, Huron-Manistee, and Ottawa National Forests –  
Jobs for Michigan, Roads Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,565,000 for Capital Improvement and Maintenance

**Partners:** Alger County and Mackinac County

**County:** Wexford

**Better Roads Strengthen Communities --** This project will maintain roads in the Hiawatha, Huron-Manistee, and Ottawa National Forests in Michigan and provide high-paying, private sector jobs in severely economically depressed counties. These roads provide access to the forests as well as connections between small communities. Some of these projects maintain roads going to major recreation sites and boat launches. The project will accomplish many important goals, such as: improving water quality through reduction of sediment; reducing critical deferred road maintenance; and increasing safety for road users. Project work includes striping, paving, signing of forest highways; removing encroaching brush to improve traffic sight lines; and grading of forest roads. The project also will strengthen partner relationships with counties who share Forest Service roads, as well as with local residents who use these roads in their daily commutes.

**Dukes, Lower Peninsula, Udell Experimental Forest Road Maintenance and Improvements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 600,000 for Capital Improvement and Maintenance

**Counties:** Manistee, Marquette, Newaygo

The Dukes Experimental Forest was one of the first established in the nation with study sites going back to the 1930s. The Lower Peninsula Experimental Forest is host to a National Atmospheric Deposition Program (NADP) site. These Michigan experimental forests are major contributors to the Forest Service science agenda in many areas. Improving our access to plots, access for fire prevention and control, and access for the weekly NADP measurements will greatly enhance research capabilities. The majority of the road network has not been renovated since the 1980s; the wear and tear of use has resulted in poor drainage (thus negatively affecting water quality) and is a safety issue. The project will focus on deferred maintenance, such as gravel, grading, brush and cut, and resurfacing on Forest Service roads.

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**Minnesota**

**Jobs to Improve Minnesota Forest Fish Passage**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,500,000 for Capital Improvement and Maintenance

**Partners:** Leech Lake Band of Ojibewa, Midwest Glacial Lake Fish Habitats Partnerships, Ducks Unlimited, Minnesota Department of Natural Resources

**County:** Beltrami

Crossing Streams and Removing Dams for Watershed Improvement - Workers in Minnesota will upgrade roads at stream crossings and remove small dams. Tasks also include road crossing reconstruction and resurfacing as well as stream simulation design for aquatic passage. Beyond jobs, this project will increase the survival of aquatic species; enhance water quality; improve watershed conditions within the Upper Mississippi River Basin; and provide for safer road systems for forest users and local residents. This work project also creates significant partnership opportunities with the Leech Lake Band of Ojibwe; Midwest Glacial Lakes Partnership; Minnesota Department of Natural Resources; and Cook, Lake, and St. Louis counties.

**Forest Service Eastern Region –  
Region-wide Jobs, Deferred Maintenance Reduction and New Requirement  
Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

## Forest Service ARRA **Roads** projects announced 6/2/2009

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota: Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuylar, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

**Safety: By Car or ATV --** This project takes a bite out of road maintenance needs and employs people to do much-needed forest road and trail signing work in 13 Eastern and Midwestern states. Contracts and agreements will provide private sector jobs in economically-depressed areas in and near 15 national forests. The project reduces a backlog of critical forest road maintenance to include: installing new standard retro-reflectivity signs informing people where they can legally ride off-road vehicles as well as locations their activities may be restricted -- in order to protect natural resources. These signs are necessary to implement Forest Service national Travel Management Rule and to meet new reflectivity signing requirements that increase user safety. Long-term benefits of the project include reducing a backlog of much-needed road maintenance work, and improving road safety for forest visitors and local residents.

### **Forest Service Eastern Region – Region-wide Jobs, Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuylar, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

**Safer Roads, Cleaner Water --** This project to maintain forest roads creates private sector positions in multiple economically depressed counties in eleven Eastern and Midwestern states. The work includes maintaining a large number of forest roads by removing encroaching brush; adding gravel to surfaces on some roads and repaving others; replacing old, rusted-out culverts; and grading roadways. This wide-ranging project will result in achieving many significant natural resource goals, including providing improved water quality through reduction of sediment; reducing critical deferred maintenance work; and improving safety for road users. The Forest Service has existing road maintenance partnerships with counties when their roads intertwine with forest roads, and both county and forest roads are often used for traveling to work, transporting children to school, providing emergency services, and deliveries, so the project offers noteworthy long-term benefits to local communities.

### **Cutfoot, Pike Bay, and Marcell Experimental Forest Road Maintenance and Improvements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 500,000 for Capital Improvement and Maintenance

**Counties:** Cass, Itasca, Koochiching, Saint Louis

The Marcell and Pike Bay Experimental Forests are located in Minnesota "bog country". Keeping roads passable is a constant challenge. The Cutfoot Experimental Forest, while on higher ground, has expansive areas that are not a part of the normal road maintenance for the Chippewa National Forest. They were established as "jeep roads" and that is still the primary method of using them. Grading and gravelling would make dramatic improvements in accessibility and safety. This project to repair and improve these roads would pay off in the efficiency of our research. The project will address deferred maintenance on Forest Service roads.

### **Cutfoot, Pike Bay, and Marcell Experimental Forest Road Related Ecosystem Enhancements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 500,000 for Capital Improvement and Maintenance

**Counties:** Cass, Itasca, Koochiching, Saint Louis

This is a companion project to the Cutfoot, Pike Bay, and Marcell Experimental Forest Road Maintenance and Improvements. During the process of maintaining and improving the current road system the impacts on the existing vegetation will include denuding the road shoulders and sideways, widening lines of vision (curving roads with limited sightlines), changes in water drainage systems, and other negative vegetative impacts. Without this aspect of the road work water quality will suffer, the road work completed will have a shortened lifespan, safety of the road network will continue to be an issue (and could be worsened), avenues for establishment of invasive species will be created (disturbed land that is not re-vegetated is ripe for enabling invasive species), and roadway runoff could be exacerbated.

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## **Mississippi**

### **National Forests in Mississippi - Replace 18 Deficient Bridges**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 4,800,000 for Capital Improvement and Maintenance

**Counties:** Choctaw, Copiah, Franklin, George, Jackson, Jasper, Lincoln, Perry, Smith, Wayne, Wilkinson and Winston

The 18 bridges identified for this project are located on the National Forests in Mississippi and are currently in use but are aging and in need of maintenance and reconstruction to improve

## Forest Service ARRA **Roads** projects announced 6/2/2009

function and maintain safety for the future. These bridges are part of the general transportation system and are used by recreation visitors, nearby residents, school buses, fire trucks, and daily commuters, as well as by the Forest Service for general administration and firefighting. Some of these bridges are weight-limited due to age and construction and require re-routing of fire trucks and equipment needed to respond to wildfires. This project is expected to involve multiple design/build contracts with engineering contractors and bridge construction companies plus local purchase of pre-cast components and supplies. Completion of these improvements will significantly lower future maintenance costs and provide a safer, more useful transportation system in the years to come.

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### Missouri

#### **Forest Service Eastern Region – Region-wide Jobs, Deferred Maintenance Reduction and New Requirement Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota: Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

**Safety: By Car or ATV --** This project takes a bite out of road maintenance needs and employs people to do much-needed forest road and trail signing work in 13 Eastern and Midwestern states. Contracts and agreements will provide private sector jobs in economically-depressed areas in and near 15 national forests. The project reduces a backlog of critical forest road maintenance to include: installing new standard retro-reflectivity signs informing people where they can legally ride off-road vehicles as well as locations their activities may be restricted -- in order to protect natural resources. These signs are necessary to implement Forest Service national Travel Management Rule and to meet new reflectivity signing requirements that increase user safety. Long-term benefits of the project include reducing a backlog of much-needed road maintenance work, and improving road safety for forest visitors and local residents.

#### **Forest Service Eastern Region – Region-wide Jobs, Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

## Forest Service ARRA **Roads** projects announced 6/2/2009

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

Safer Roads, Cleaner Water -- This project to maintain forest roads creates private sector positions in multiple economically depressed counties in eleven Eastern and Midwestern states. The work includes maintaining a large number of forest roads by removing encroaching brush; adding gravel to surfaces on some roads and repaving others; replacing old, rusted-out culverts; and grading roadways. This wide-ranging project will result in achieving many significant natural resource goals, including providing improved water quality through reduction of sediment; reducing critical deferred maintenance work; and improving safety for road users. The Forest Service has existing road maintenance partnerships with counties when their roads intertwine with forest roads, and both county and forest roads are often used for traveling to work, transporting children to school, providing emergency services, and deliveries, so the project offers noteworthy long-term benefits to local communities.

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### Montana

#### Lolo and Helena National Forests-Mineral & Powell County Roads Projects

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 680,000 for Capital Improvement and Maintenance

**County:** Powell

With the Mineral and Powell County Roads Projects, multiple activities offer employment opportunities and improved access and travel conditions in the Lolo and Helena National Forests. On the Lolo, about 275 miles of graveled roads will be improved or reconstructed to specific transportation standards, resulting in easier traveling conditions and added safety for visitors and employees. Specific activities include grading the surface and cleaning culverts and ditches of brush for better streamflow and fish passage. Water quality and fish habitat will be enhanced using a tiered road maintenance approach improving the drainage system and allowing less runoff and erosion of sediment in streams. The Hahn Creek Culvert on the Helena National Forest freezes every year and at spring thaw damages the surrounding area with uncontrolled flooding thus requiring continuous maintenance. The flooding results in sediment being washed into the stream thus affecting water quality and habitat for sensitive and listed fish species. This project replaces the culvert with a bridge that will withstand the weather changes without causing resource damage.

#### Kootenai and Lolo National Forests Cabinet RD Aggregate Placement and Lolo Bridge Maintenance and Repairs

## Forest Service ARRA **Roads** projects announced 6/2/2009

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 790,000 for Capital Improvement and Maintenance

**Partners:** Plum Creek Timber Co.

**County:** Sanders

The Cabinet Ranger District Aggregate Placement will repair worn out, potholed roads by placing new gravel surfacing on approximately 20 miles of forest roads on the Kootenai National Forest (NF). The gravel will likely be purchased from suppliers in the local communities. Employment opportunities through contracts will be advertised for the hauling, spreading, and placement of this gravel. The Lolo NF will accomplish a significant amount of needed bridge maintenance work in Sanders County. The work will include the replacement of safety rails and curbs, timber decks, running planks, and hazard signing on eight bridges, improving structural integrity and ensuring long-term viability and safety compliance. These projects provide for an aggressive and necessary land stewardship program. They enable the Agency to address long-delayed facilities maintenance and conversions in compliance with its Sustainable Operations guidelines.

### **Helena and Kootenai National Forests - Road Work – Powell and Sanders Counties**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,580,000 for Capital Improvement and Maintenance

**County:** Powell

The Road Maintenance and Surfacing Projects in Powell and Sanders Counties will provide employment for local contractors and support rural businesses. On the Helena National Forest, approximately 30 miles of road will be maintained and about 13 miles of road will be resurfaced. These projects address overdue road improvements and help make traveling through the forests a better experience. Also on the Helena National Forest, the Nevada-Ogden Bridge has deteriorating support piers and could fail during a major flood event. Repair or replacement of this bridge addresses a major public safety concern. In Sanders County, on the Kootenai National Forest, many unneeded roads from past logging activities still exist. Modern timber harvesting methods don't require as many roads. This project includes removing 10 to 15 miles of these roads to benefit the watershed. Removing the roads reduces the amount of sediment that is washed into streams which harms fisheries. This will improve water quality and, in some cases, provides more security to threatened and endangered species.

### **Bitterroot National Forest - Ravalli County Roads Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,820,000 for Capital Improvement and Maintenance

**Partners:** Ravalli County Weed District, Job Corps, Back Country Horsemen

**County:** Ravalli

## Forest Service ARRA **Roads** projects announced 6/2/2009

The Ravalli County Roads Project on the Bitterroot National Forest addresses critical needs in reconstructing roads, repairing or replacing bridges, renovating trailheads, and treating invasive weeds along roads in various parts of the Forest. There are opportunities to create and sustain jobs through private contractors, while doing important restoration work. Approximately 10 miles of roads will be removed from service and contoured to restore natural drainage. Another 10 miles will be reconstructed for passenger cars. Together, these actions will improve public access and safety and protect the adjacent watershed conditions. Up to three bridges are planned for replacement to allow better access and will benefit fisheries. Treatment of invasive plant species along roadsides will reduce the amount, spread, and intensity of noxious weeds and help establish native plants. Trailheads near some of these roads will also be refurbished to enhance recreation opportunities, safety and reduce environmental impacts.

### **Flathead County Road Projects 1**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 7,865,000 for Capital Improvement and Maintenance

**County:** Flathead

Flathead County is rich in outdoor recreation opportunities and supports a diversity of wildlife, including the endangered grizzly bear and bull trout. The Flathead County Road Projects 1 improves recreation experiences on the Flathead National Forest by addressing a maintenance and reconstruction backlog on Forest Service roads and bridges that provide access to primary recreation sites. This includes re-surfacing approximately 20 miles of roads and re-building two bridges. The project reduces impacts to endangered and sensitive species and improves watershed health by decommissioning approximately 55 miles of roads, treating noxious weeds and improving two stream crossings that block fish passage. The Forest Service will work with contractors to provide private sector jobs. These jobs will improve infrastructure that protects watershed resources and enhances visitor enjoyment of public lands.

### **Flathead National Forest- Flathead County Roads Projects 2**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,463,000 for Capital Improvement and Maintenance

**County:** Flathead

Flathead County and the Flathead National Forest in northwest Montana offer many outdoor recreation opportunities for area residents and the tens of thousands of annual visitors, all looking for a safe and quality experience. This project reduces a road maintenance and reconstruction backlog in two Forest Service recreation facilities as well as on roads and bridges in areas that access other recreation sites and it protect watershed health and natural resources. The work includes re-surfacing approximately 90 miles of road and re-constructing two bridges. Refurbished recreation sites increase recreation opportunities, reduce environmental impacts and improve efficiency of use - thereby attracting private sector operators and services, generating additional revenues for local communities. This project also includes culvert replacements at up

## Forest Service ARRA **Roads** projects announced 6/2/2009

to four stream crossings to improve streamflow and fish passage and the replacement and addition of road signs for travel safety. Job opportunities will be created through contractors. These jobs will help improve recreation sites and needed infrastructure for visitors enjoyment and safety,

### **Lincoln County Roads Projects 1 (partially funded by 10%)**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,380,000 for Capital Improvement and Maintenance

**County:** Lincoln

Job opportunities will be created through contracts for all the work including hauling, spreading, and placement of gravel on forest roads. Gravel surfacing will be purchased from suppliers in local communities. Roads with deteriorating asphalt pavement and potholes will be patched and repaved. Two deficient log bridges that will no longer support log trucks will be replaced with large steel culverts. Fish passage will be provided through these culverts to maintain spawning habitat for West slope cutthroat and redband rainbows. Asphalt paving of 20 bridge approaches on gravel roads will ensure that sediment created from traffic will not enter the stream, clogging spawning habitat for trout. Roadways will be refurbished and improved through these projects to increase recreation opportunities, reduce environmental impacts and improve efficiency of use, thereby attracting private sector operators and services and generating additional revenues for local communities.

### **Lincoln County Roads Projects 2**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 4,265,000 for Capital Improvement and Maintenance

**County:** Lincoln

Lincoln County Roads Project 2 will make infrastructure repairs, enhance area watersheds, and improve fisheries. Gravel surfacing will be replaced on approximately 50 miles of worn-out, potholed roads, creating a safer and more pleasant driving experience for Forest visitors. The gravel will be purchased from suppliers in the local communities. As part of this project, old, undersized culverts that impede fish passage are being replaced with larger culverts that will provide this passage and increase the available spawning habitat for West slope cutthroat trout and redband rainbow trout. Eliminating old, unneeded roads will reduce sediment in waterways and improve water quality. Projects that improve Forest infrastructure help meet the Agency-wide goal in Sustainable Operations by reducing its environmental footprint.

### **Lolo and Kootenai National Forests - Sanders County Roads Projects 1**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 4,620,000 for Capital Improvement and Maintenance

## Forest Service ARRA **Roads** projects announced 6/2/2009

**Partners:** Sanders County

**County:** Sanders

The Sanders County Roads Projects benefit natural resources, forest visitors and creates employment opportunities on the Lolo and Kootenai National Forests (NF) by improving access, protecting water quality and enhancing fish habitat. On the Lolo NF, up to 18 bridges or the culverts underneath roads will be installed or replaced. The culvert and bridge replacement work allows better fish passage because the culvert tubes are too small or the existing bridge structures don't accommodate needed streamflow. Activities include upgrading approximately 40 miles of roads leading to popular recreation facilities and installing vital transportation signs to improve visitor and employee safety. The improved gravel surfacing reduces sediment delivery in nearby streams. On the Kootenai NF, major culverts in the headwaters of the Marten Creek drainage will be replaced. The original culverts, installed over 30 years ago, are deteriorating and releasing sediment in the stream. This project will install new, larger culverts that will handle the stream flow and stop the delivery of sediment. This work will performed by contractors.

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### **Nevada**

#### **Humboldt-Toiyabe National Forest, Carson Ranger District - decommission unauthorized routes**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 500,000 for Capital Improvement and Maintenance

**Partners:** Nevada Conservation Corps/Great Basin Institute

**Counties:** California: Alpine, Sierra; Nevada: Carson City; Washoe County

The Humboldt-Toiyabe National Forest, Carson Ranger District published its Motor Vehicle Use Map in 2009, based on past Travel Management Planning Environmental Assessments. This project will decommission unauthorized routes that were designated as "closed" under these plans. Nevada Conservation Corps (NCC) young-adult crews will be hired to decommission closed unauthorized trails and two-track routes that can be effectively rehabilitated by hand reseeded and vertical mulching techniques. NCC employment gives young adults valuable life experiences and outdoor education, as well as job skills and a pay check. Project results will include critical route signing, as well as route rehabilitation and/or decommissioning (using either NCC crews or heavy equipment), to prevent future resource damage. Larger scale closures requiring heavy equipment will be contracted to qualified private contractors, contributing additional jobs to the depressed construction industry in several counties with high unemployment rates.

#### **National Forests in California - Storm proofing/reconstruction Roads (Water Quality, Safety)**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 11,773,000 for Capital Improvement and Maintenance

## Forest Service ARRA **Roads** projects announced 6/2/2009

**Partners:** California State Regional Water Quality Control Board, State of California, California Department of Transportation

**States:** California, Nevada

**Counties:** California: El Dorado, Los Angeles, Madera, Modoc, Plumas, San Bernardino, Sierra, Siskiyou, Tehama, Trinity and Tuolumne. Nevada: Esmeralda

This project involves maintenance, and reconstruction of Forest Service roads throughout California. Forest Service roads provide important access to public lands and the recreational opportunities they provide. Many of these roads are unpaved, and storm events can cause erosion or even road failure. This project includes improving water drainage on the road surface, removing brush out of ditches and replacing undersized road culverts. Small culverts under the roads will be replaced with larger, appropriately sized culverts so storm drainage can safely pass from one side to the other without damaging the road or the surrounding environment. Larger culverts also help fish and aquatic wildlife such as toads and frogs pass through the culvert, re-establishing habitat connections for these fish and animals. This project will improve downstream water quality through reduction of erosion and sedimentation, thus protecting threatened, endangered, and sensitive species habitat. This work will also improve public safety by making critical road repairs that are needed now and reducing the risk of catastrophic road failure during future storm events.

### **National Forest in California - Paving/Chipseal/aggregate Surfacing**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,379,000 for Capital Improvement and Maintenance

**Partners:** National Park Service, Bureau of Land Management, California Department of Fish and Game, Los Angeles Department of Water and Power, California Department of Transportation

**States:** California, Nevada

**Counties:** California: Alpine, El Dorado, Fresno, Humboldt, Inyo, Kern, Lassen, Madera, Modoc, Mono, Monterey, Placer, Plumas, San Bernardino, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Tehama and Trinity. Nevada: Esmeralda

This project involves repairs to heavily used, deteriorated roads on National Forest lands across California. This project includes asphalt repair and placement on roads and parking lots accessing visitor centers, popular recreation facilities, and a snowmobile park. Some work will be accomplished in partnership with the National Park Service and local county governments. Erosion and sedimentation into streams and rivers adjacent to the project sites will be reduced as a result of these road surface repairs. Other project benefits include improving public safety, enhancing water quality, protecting threatened, endangered and sensitive species habitat adjacent to the project sites, enhancing emergency vehicle access and eliminating a large backlog of much needed road maintenance.

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## **New Hampshire**

**Forest Service Eastern Region –  
Region-wide Jobs, Deferred Maintenance Reduction and New Requirement  
Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

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Safety: By Car or ATV -- This project takes a bite out of road maintenance needs and employs people to do much-needed forest road and trail signing work in 13 Eastern and Midwestern states. Contracts and agreements will provide private sector jobs in economically-depressed areas in and near 15 national forests. The project reduces a backlog of critical forest road maintenance to include: installing new standard retro-reflectivity signs informing people where they can legally ride off-road vehicles as well as locations their activities may be restricted -- in order to protect natural resources. These signs are necessary to implement Forest Service national Travel Management Rule and to meet new reflectivity signing requirements that increase user safety. Long-term benefits of the project include reducing a backlog of much-needed road maintenance work, and improving road safety for forest visitors and local residents.

**Forest Service Eastern Region –  
Region-wide Jobs, Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

Safer Roads, Cleaner Water -- This project to maintain forest roads creates private sector positions in multiple economically depressed counties in eleven Eastern and Midwestern states. The work includes maintaining a large number of forest roads by removing encroaching brush;

## Forest Service ARRA **Roads** projects announced 6/2/2009

adding gravel to surfaces on some roads and repaving others; replacing old, rusted-out culverts; and grading roadways. This wide-ranging project will result in achieving many significant natural resource goals, including providing improved water quality through reduction of sediment; reducing critical deferred maintenance work; and improving safety for road users. The Forest Service has existing road maintenance partnerships with counties when their roads intertwine with forest roads, and both county and forest roads are often used for traveling to work, transporting children to school, providing emergency services, and deliveries, so the project offers noteworthy long-term benefits to local communities.

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### **New Mexico**

#### **FY10 NFSR 150 Reconstruction - 48 miles**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,600,000 for Capital Improvement and Maintenance

**Counties:** Catron, Grant

The project will reconstruct 48 miles of road that bisects the Gila Wilderness and Aldo Leopold Wilderness. The reconstruction will allow for increased safety to the visiting public as well as employees by providing proper drainage on the road, thereby eliminating the driving hazards associated with native material roads that have no drainage. Because this road crosses well over 100 drainages, water quality along the entire stretch of road will be improved by reducing the amount of sediment that is generated from the road in its current state. Energy consumption would be reduced by making the road more usable to a wider range of vehicles and would reduce travel time from four hours to two.

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### **New York**

#### **Forest Service Eastern Region – Region-wide Jobs, Deferred Maintenance Reduction and New Requirement Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota: Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

Safety: By Car or ATV -- This project takes a bite out of road maintenance needs and employs people to do much-needed forest road and trail signing work in 13 Eastern and Midwestern states. Contracts and agreements will provide private sector jobs in economically-depressed areas

## Forest Service ARRA **Roads** projects announced 6/2/2009

in and near 15 national forests. The project reduces a backlog of critical forest road maintenance to include: installing new standard retro-reflectivity signs informing people where they can legally ride off-road vehicles as well as locations their activities may be restricted -- in order to protect natural resources. These signs are necessary to implement Forest Service national Travel Management Rule and to meet new reflectivity signing requirements that increase user safety. Long-term benefits of the project include reducing a backlog of much-needed road maintenance work, and improving road safety for forest visitors and local residents.

### **Forest Service Eastern Region – Region-wide Jobs, Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

Safer Roads, Cleaner Water -- This project to maintain forest roads creates private sector positions in multiple economically depressed counties in eleven Eastern and Midwestern states. The work includes maintaining a large number of forest roads by removing encroaching brush; adding gravel to surfaces on some roads and repaving others; replacing old, rusted-out culverts; and grading roadways. This wide-ranging project will result in achieving many significant natural resource goals, including providing improved water quality through reduction of sediment; reducing critical deferred maintenance work; and improving safety for road users. The Forest Service has existing road maintenance partnerships with counties when their roads intertwine with forest roads, and both county and forest roads are often used for traveling to work, transporting children to school, providing emergency services, and deliveries, so the project offers noteworthy long-term benefits to local communities.

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### **North Carolina**

#### **Pisgah National Forest-NF 130 Roan Mountain Road Resurfacing**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 205,000 for Capital Improvement and Maintenance

**County:** Mitchell

National Forest System Road 130 leading to Roan Mountain is a very popular route for forest visitors. The facilities were upgraded several years ago. This project will repave the road at the top of the mountain, adding gravel to the shoulders, and marking the road to delineate two lanes.

## Forest Service ARRA **Roads** projects announced 6/2/2009

Local paving and construction contractors are expected to be utilized for the work. Completion of the project will result in a smooth surface, providing a safer passage and better visitor access.

### **Nantahala National Forest-Replace Sub-Standard bridges**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,820,000 for Capital Improvement and Maintenance

**County:** Caldwell

Multiple sub-standard bridges will be replaced and/or repaired across the forest. This will include replacing several bridges and performing structural repairs to two Civilian Conservation Corps-era historic steel truss bridges (English Chapel and Bull Pen Bridge). The historic bridges will be restored in order to improve their load capacity while protecting their historic integrity. The other bridges are at the end of their service life, not wide enough and do not have enough clearance between the current bridge and the stream, causing the water to block the road during periods of high stream flow. This project will improve all-weather access to the forest, improve safety and load capacity of the bridges, extend the lives of the historic bridges and address substantial backlog maintenance. One historic bridge will restore access to a church.

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## **Ohio**

### **Jobs to Improve Ohio Fish Passage - 2**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 250,000 for Capital Improvement and Maintenance

**Partners:** Counties of Washington, Hocking, and Monroe

**County:** Hocking

This project will replace existing culverts and other stream or water crossings associated with roads that are significant barriers to fish and other aquatic life in priority watersheds in southern Ohio, including the Little Muskingum River, Paddle Creek, Monday Creek, and Symmes Creek basins. Endangered mussels and other listed species live in these watersheds. All of these projects are a priority for the U.S Fish and Wildlife Service and the Ohio Department of Transportation as well as the Forest Service.

### **Jobs to Improve Ohio Fish Passage - Partnership on Highway 26**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,750,000 for Capital Improvement and Maintenance

**Partners:** Ohio Department of Transportation

**County:** Hocking

Recovery Jobs Help Fish and Watersheds -- This project will employ local people to perform work improving habitat for fish and other aquatic species and enhancing recreational experiences for the public. The project opens four miles of stream and river tributaries in the Little

## Forest Service ARRA **Roads** projects announced 6/2/2009

Muskingum drainage, a high-value watershed in the Wayne National Forest. The work, involving road crossing reconstruction and resurfacing and a stream simulation design for fish passage, is the final step in an on-going collaboration between the Forest and Ohio Department of Transportation to improve fish passage along Forest Highway 26. In addition to putting people to work, this project will improve watershed health; create habitats for valuable aquatic species; and create more recreational opportunities for visitors to the Forest, which will have spin-off effects of increased tourism revenues to local communities.

### **Forest Service Eastern Region – Region-wide Jobs, Deferred Maintenance Reduction and New Requirement Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota: Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

**Safety:** By Car or ATV -- This project takes a bite out of road maintenance needs and employs people to do much-needed forest road and trail signing work in 13 Eastern and Midwestern states. Contracts and agreements will provide private sector jobs in economically-depressed areas in and near 15 national forests. The project reduces a backlog of critical forest road maintenance to include: installing new standard retro-reflectivity signs informing people where they can legally ride off-road vehicles as well as locations their activities may be restricted -- in order to protect natural resources. These signs are necessary to implement Forest Service national Travel Management Rule and to meet new reflectivity signing requirements that increase user safety. Long-term benefits of the project include reducing a backlog of much-needed road maintenance work, and improving road safety for forest visitors and local residents.

### **Forest Service Eastern Region – Region-wide Jobs, Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

## Forest Service ARRA **Roads** projects announced 6/2/2009

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

Safer Roads, Cleaner Water -- This project to maintain forest roads creates private sector positions in multiple economically depressed counties in eleven Eastern and Midwestern states. The work includes maintaining a large number of forest roads by removing encroaching brush; adding gravel to surfaces on some roads and repaving others; replacing old, rusted-out culverts; and grading roadways. This wide-ranging project will result in achieving many significant natural resource goals, including providing improved water quality through reduction of sediment; reducing critical deferred maintenance work; and improving safety for road users. The Forest Service has existing road maintenance partnerships with counties when their roads intertwine with forest roads, and both county and forest roads are often used for traveling to work, transporting children to school, providing emergency services, and deliveries, so the project offers noteworthy long-term benefits to local communities.

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### **Oregon**

#### **Coho Salmon Habitat Improvement**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,541,000 for Capital Improvement and Maintenance

**Partners:** Siuslaw Watershed Council, ALSEA Watershed Council, Mid Coast Watershed Council, Oregon Department Fish & Wildlife, Private Landowners, Oregon Watershed Enhancement Board

**County:** Lane

This is a companion project related to the improvement of forest roads in Oregon and Washington. This project will support helicopter placement of whole trees in numerous streams along the central Oregon Coast to improve high priority habitats for Endangered Species Act (ESA) listed coho salmon. The Siuslaw National Forest developed this project in cooperation with local partnership groups, including the Siuslaw and Alsea Watershed Councils, and will use these groups to implement this large-scale project. The watershed councils will implement contracts and hire local timber fellers to fall trees for the project. Along with jobs provided to local timber fellers, staff from the local watershed councils, helicopter company, and other local contractors will be provided employment opportunities. Benefits include jobs for local communities, and improved and restored habitat of the ESA-listed coho salmon, a species of high economic and cultural interest along the central Oregon Coast.

#### **Oregon Sand Dunes Restoration**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,253,000 for Capital Improvement and Maintenance

## Forest Service ARRA **Roads** projects announced 6/2/2009

**Partners:** Alsea and Siuslaw Stewardship Groups, Siuslaw, Mid-Coast, and Alsea Watershed Councils, The Nature Conservancy, Oregon Natural Heritage Information Center, Oregon Parks and Recreation, Oregon Department of Fish and Wildlife, US Fish and Wildlife Service

**County:** Lane

This project, associated with road improvement, would help restore Oregon's famous sand dunes to their original state. Non-native grasses were introduced years ago to stabilize shifting sands on the dunes along the coast of Oregon. However, these invasive grasses, with root systems that go down as deep as 18 feet, interfere with the proper functioning of the ecosystem. Three endangered species face loss of habitat unless conditions can be changed. Jobs would be created to run the heavy equipment necessary to remove the heavy infestation of invasive grasses where the Western Snowy Plover resides, restore coastal meadows for the Oregon Silverspot Butterfly, and create snags for the Northern Spotted Owl. These jobs, through contracts and partnerships in six western Oregon counties, would afford significant benefits to the three endangered species, the lands on the Siuslaw National Forest, and to local communities.

### **Forest Fisheries Restoration**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,000,000 for Capital Improvement and Maintenance

**Partners:** Ecotrust, US Fish & Wildlife Service, Oregon Department of Fish & Wildlife, North Umpqua Foundation, Oregon Watershed Enhancement Board

**County:** Douglas

This project creates jobs within economically-impacted Douglas County through partnerships with federal, state, and private entities. The project would involve replacing a culvert that retards and/or impedes fish passage during much of the year with a fish-friendly bridge and improving instream fish habitat. The labor-intensive instream habitat work involves moving trees into streams with logging equipment, backhoes, and heavy-lift helicopters. Benefits of this project include much-needed jobs, un-impeded fish passage, improved water quality, and restoration of spawning and rearing habitat for salmon and steelhead on several miles of streams within the Umpqua River basin. This project was previously a companion to a Forest road project, which has now been bundled into the Pacific Northwest Regional road deferred maintenance project. Funding will be deployed for both road and watershed enhancement work.

### **Lower Snake River Watershed Restoration**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,300,000 for Capital Improvement and Maintenance

**Partners:** Confederated Tribes of the Umatilla Indian Reservation, Nez Perce Tribe, Watershed Councils, Hells Canyon Preservation Council, National Wild Turkey Federation, Bonneville Power Administration, Bureau of Reclamation, Oregon Watershed Enhancement Board

## Forest Service ARRA **Roads** projects announced 6/2/2009

**County:** Baker

These projects will help recover federally listed fish species by improving water quality and fish habitat. They are companion efforts linked to a region-wide project to improve forest roads and bridges in the Northwest. In partnership with tribal, non-profits, watershed councils, and federal agencies, the work includes a variety of labor-intensive projects like riparian planting, fencing, flood plain restoration, mine restorations, and large wood placement along streams for habitat. With extensive coordination and by utilizing existing memorandum agreements to implement some of the contract work, the projects will include both hand and mechanical work to meet restoration goals. The forest has recently completed two agreements with our tribal partners to work on projects and plans to share people and resources to accomplish mutually agreed upon restoration projects.

### **Watershed Restoration on the Upper Grande Ronde River**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 900,000 for Capital Improvement and Maintenance

**Partners:** Grand Ronde Model Watershed, Confederated Tribes of the Umatilla Indian Reservation, National Wild Turkey Federation, Oregon Department of Fish and Wildlife, Bonneville Power Administration, Bureau of Reclamation

**County:** Union

Fish and watershed projects associated with improving roads and in partnership with tribes, non-profits and federal agencies, will result in extensive watershed enhancement along the Upper Grande Ronde River in Oregon, improving floodplain and fish habitat for federally listed spring Chinook salmon, steelhead and bull trout. Treatments will use heavy equipment to remove mine damage, move large wood into the stream channel, and helicopters to fly large wood into place. Also included are hand labor contracts for riparian planting and protection fencing. These projects will be done in conjunction with key partners and will leverage existing agreements to implement some of the contract work.

### **Malheur National Forest- Road Paving/ Chip Seals**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 4,984,000 for Capital Improvement and Maintenance

**County:** Harney

This opportunity to provide jobs and maintain roads minimizes sedimentation and protects watersheds on the Malheur National Forest in northeastern Oregon. Depending on the road and its use, maintenance by chip sealing is done after construction to maintain the road surface, usually by applying thin layers of rock chips and asphalt cement, 8-15 years after road construction. While some maintenance activities can be deferred for a period of time without immediate or serious consequences, maintenance deferred beyond a critical point can lead to road deterioration beyond standard condition, ultimately requiring costly capital improvements.

## Forest Service ARRA **Roads** projects announced 6/2/2009

This project will provide jobs and reduce long-term road maintenance costs while facilitating removal of bio-mass materials through ten-year stewardship contracts on the Malheur National Forest.

### **Mt. Hood and Willamette National Forests – Road Maintenance and Decommissioning**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 4,000,000 for Capital Improvement and Maintenance

**Counties:** Clackamas, Hood River, Lane, Linn

This project will address four primary transportation issues: (1) deferred maintenance on public access roads; (2) reduced road repair costs for commercial access; (3) public safety; and (4) unneeded road systems and their associated environmental impacts by decommissioning NEPA-ready roads. The project consists of several activities: asphalt pavement and aggregate surfacing repairs, pavement markings, drainage improvements, re-utilization of aged asphalt, stabilization of aggregate roads, production of aggregate, and decommissioning. This project will employ transportation-related workers such as heavy equipment operators, truck drivers, and laborers, as well as those who will produce the aggregate, asphalt pavements, and other materials incorporated into work. Direct benefits: affordable access to planned commercial stewardship contracts, and repair of National Scenic Byways and public use roads. Several economically impacted counties within the Mt. Hood and Willamette National Forests will have projects located within their boundaries. All associated communities will reap direct economic benefits from project activities.

### **Rogue River-Siskiyou National Forest - Agness Road Phase 2 - Road Reconstruction**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,600,000 for Capital Improvement and Maintenance

**Partners:** Federal Highway Administration

**County:** Curry

Agness Road connects the small community of Agness with Gold Beach on the southern Oregon coast and with the town of Powers to the north. There are numerous safety issues with this road including poor surfacing and yearly slides. At present, the Rogue River-Siskiyou National Forest spends \$75,000 per year in annual maintenance to keep the road open. Total deferred maintenance is estimated at \$20 million. This project would create a safer, year-round road for all users, including daily commuters, school buses, emergency traffic, recreational users, commercial traffic and the Postal Service. An additional benefit to this project will be a significant reduction in sediment washed into adjacent coho, chinook and steelhead salmon fishery habitat.

**Rogue River-Siskiyou National Forest –  
Upper Chetco River Bridge Abutment Replacement**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,100,000 for Capital Improvement and Maintenance

**Partners:** Federal Highways Administration

**County:** Curry

The upper Chetco River bridge abutment was severely damaged by mass movement of an entire hillside. The pressure crumbled the back concrete wall of the abutment, severely bent anchor bolts, damaged steel girders, forced the hanger assembly closed, and pushed piers and abutment columns away from the river. This project will remove the crumbling concrete abutment and some back slope above the road to take the pressure off of this seriously compressed bridge. A new abutment at the east end of the bridge will be constructed, along with repairs to bridge components or approaches to meet new standards. Fixing the bridge will help ensure appropriate passage of water, fish and other organisms, will minimize sedimentation, and will help redirect flood water and debris.

**Umatilla National Forest and the Wallowa - Whitman National Forest - Elkhorn Dr.  
Scenic Byway (73 Road) Road Paving and NF John Day Bridge**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,700,000 for Capital Improvement and Maintenance

**County:** Baker

These two projects are located on the Elkhorn Drive State Scenic Byway in northeastern Oregon. The safety of the road will be dramatically increased by removing road hazards and constructing a smoother-running surface and a stronger bridge. This arterial route spans three counties, is utilized year-round, and is an important tourism experience for eastern Oregon. These large projects will provide much-needed jobs in economically depressed counties. The projects will also utilize numerous local and non-local businesses for materials, supplies, and structures. Local communities who are marketing tourism in the area are very concerned about the condition of the road; repairing it will have a positive impact on tourism and encourage more use. Visitors and reconstruction workers will utilize the services of local businesses that will benefit by having more customers for motels, restaurants, retailers, and sports and leisure facilities.

**Pacific Northwest Research Station Road Maintenance**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 200,000 for Capital Improvement and Maintenance

**Partners:** Wallowa-Whitman NF, Gifford Pinchot NF, Deschutes NF, Olympic NF, Siuslaw NF;  
Willamette NF, Okanogan-Wenatchee NF

**Counties:** Lane, Union

## Forest Service ARRA **Roads** projects announced 6/2/2009

Road repairs are needed throughout the PNW Research Station to ensure safe access for personnel and the public. Associated erosion control activities will improve water quality and ecosystem integrity. This infrastructure and erosion control improvement project includes grading and resurfacing roads, striping parking areas, and correcting drainage issues. All projects are on Forest Service land, and will begin as soon as weather permits. This work will occur at the Corvallis Forestry Sciences Laboratory, Olympia Forestry Science Laboratory, and Wenatchee Forestry Sciences Laboratory, and on the following experimental forests: Cascade Head, H.J. Andrews, Pringle Falls, Starkey, and Wind River.

### **Region-wide Road Deferred Maintenance**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 9,000,000 for Capital Improvement and Maintenance

**States:** Oregon, Washington

**Counties:** Oregon: Baker, Clackamas, Coos, Crook, Curry, Deschutes, Douglas, Grant, Harney, Hood River, Jackson, Jefferson, Josephine, Klamath, Lake, Lane, Lincoln, Linn, Morrow, Multnomah, Tillamook, Umatilla, Union, Wallowa, Wasco, Wheeler.  
Washington: Asotin, Chelan, Clallam, Columbia, Cowlitz, Ferry, Garfield, Grays Harbor, Jefferson, King, Kittitas, Klickitat, Lewis, Mason, Okanogan, Pend Oreille, Pierce, Skagit, Skamania, Snohomish, Stevens, Walla Walla, Whatcom, Yakima

The forest road system in the Northwest has approximately \$1.8 billion worth of deferred maintenance which, if left uncorrected, jeopardizes public safety and natural resources -- specifically aquatic resources. This project will improve forest roads in Oregon and Washington by completing deferred maintenance work on national forest system roads and bridges. The work will include an emphasis on hazard mitigation, structure replacement, erosion control, drainage system upgrades, and installing low-cost surface drainage systems along with replacing culverts to reduce the risk of future storm damage. It also includes deferred maintenance on roads used for logging traffic. The work can also be done through existing or upcoming stewardship contracts. The project will be awarded with multiple contracts across the region. This project is also tied to several ARRA watershed enhancement projects, including: Forest Wide Fisheries Restoration Projects, Siuslaw Watershed Council In-Stream Helicopter Wood placement, and Lower Snake River Watershed Restoration.

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## **Pennsylvania**

### **Forest Service Eastern Region – Region-wide Jobs, Deferred Maintenance Reduction and New Requirement Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

## Forest Service ARRA **Roads** projects announced 6/2/2009

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota: Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

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**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

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**Allegheny National Forest –  
Forest-wide Jobs, Critical Deferred Maintenance Reduction**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,707,000 for Capital Improvement and Maintenance

**Partners:** Pennsylvania Game Commission, Howe Township, Spring Creek Township

**County:** McKean

Transportation Infrastructure Work Helps Counties -- These projects will maintain a large number of forest roads and create high-paying, private sector positions in multiple, economically-depressed counties in Pennsylvania. The work involves maintaining a large number of forest roads by removing encroaching brush; adding gravel surfaces on some roads and paving others; replacing old, rusted-out culverts; and grading roadways. These wide-ranging projects achieve many significant natural resource goals, i.e, providing improved water quality through reduction of sediment; reducing critical deferred maintenance work; and increasing safety for road users. The Forest Service has existing road maintenance partnerships with townships and the Pennsylvania Game Commission. In most national forests, both county and forest roads are often used for traveling to work, transporting children to school, providing emergency services, and deliveries. The project offers noteworthy long-term benefits to local communities.

**Kane Experimental Forest Road Maintenance and Improvements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 200,000 for Capital Improvement and Maintenance

**County:** Allegheny

This project will improve maintenance on the road network of the Kane Experimental Forest (EF). The highest valued hardwoods in the world are studied here; thus, the volume of visitors and scientists is high, creating stress on the road network and safety concerns. This project will save considerable future funding in road maintenance. Earlier in the decade the Kane EF, along with the Allegheny National Forest, experienced a severe windstorm which caused significant damage to the road network. While initial damage was cleaned up, the damage has never been adequately addressed and the road network brought back up to standards. The project includes addressing deferred maintenance, such as gravel, grading, brush and cut, and resurfacing on Forest Service roads.

**Kane Experimental Forest Road Related Ecosystem Enhancements**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 200,000 for Capital Improvement and Maintenance

**County:** Allegheny

## Forest Service ARRA **Roads** projects announced 6/2/2009

This is a companion project to the Kane Experimental Forest Road Maintenance and Improvements. During the process of maintaining and improving the current road system, the impacts on the existing vegetation will include denuding the road shoulders and sideways, widening lines of vision (on curving roads with limited sightlines), changes in water drainage systems, and other negative vegetative impacts. Work on this project will include planting or removing vegetation as appropriate, replacing culverts and creation of site drainages. Without this aspect of the road work, water quality will suffer, the road work completed will have a shortened lifespan, safety of the road network will continue to be an issue (and could be worsened), avenues for establishment of invasive species will be created (disturbed land that is not re-vegetated is ripe for enabling invasive species such as buckthorn), and roadway runoff could be exacerbated.

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### **South Carolina**

#### **Sumter National Forest - Repave – Chattooga River and Parson's Mountain Recreation Access**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 375,000 for Capital Improvement and Maintenance

**Counties:** Abbeville, Oconee

This project will repave visitor access roadways to the Chattooga River and Parsons Mountain recreation area in the mountains of northern South Carolina. The access point to the Chattooga River at Highway 76 is one of the most visited recreation areas on the Sumter National Forest and provides opportunities for visitors to float the river and enjoy the scenery and trails of this designated Wild and Scenic River corridor. Due to heavy use over the years, cumulative weather effects, and maintenance limitations, access roads and parking areas at the Chattooga River and Parsons Mountain recreation sites have deteriorated. This project will improve visitor safety and reduce deferred maintenance. Hiring of contractors for repaving work and use of local supplies such as asphalt are expected to support the economy as well as enhance recreation experiences at these popular sites, thereby increasing the local economy.

#### **Southern Research Station-Santee EF Paving**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 100,000 for Capital Improvement and Maintenance

**County:** Berkeley

The Center for Forested Wetlands Research, a Forest Service research facility, was relocated from Charleston, SC, to the Santee Experimental Forest in Cordesville, SC, in 2007. The Forest Service renovated and repaired the Cordesville facility to accommodate the move, but was unable to repair driveways and parking areas at the time. The existing asphalt driveway and parking areas need to be resurfaced to ensure the safety of people traveling to and parking at the facility. The project will also install an automated vehicle access control gate at the site to control after-hours access and to provide a safer entrance. The asphalt resurfacing will make it

easier for large vehicles, such as delivery trucks, tractor-trailers and recreational vehicles to access the facility. Besides creating jobs and improving safety, the project also will reduce erosion and storm water runoff.

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## Tennessee

### Cherokee National Forest – Repave Hiwa River Road, #108 & Ocoee Work Center Resurfacing

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 425,000 for Capital Improvement and Maintenance

**County:** Polk

Hiwassee River Road on the Cherokee National Forest is the primary access route to fishing and boating at a state scenic river, picnic facilities, and a power plant. This well-used roadway has not been resurfaced in approximately 15 years and has deteriorated over time. Repaving the Hiwassee River Road and resurfacing the parking lot at the Ocoee Work Center, which was built 15-20 years ago, are both included in this project. This project will reduce deferred maintenance, enhance the enjoyment of the public and improve visitor safety. This repaving work will be accomplished by local paving contractors and by purchasing local supplies.

### Cherokee National Forest-Wolf Creek Bridge Deck Replacement (CIP)

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 300,000 for5 Capital Improvement and Maintenance

**County:** Polk

Wolf Creek Bridge, in the Cherokee National Forest, is located along a heavily-used roadway traveled by sightseers, hunters, anglers, and TVA employees accessing a power house. This project would replace the current timber decking with concrete slabs and install bridge and approach railings. The project will enhance visitor safety, reduce deferred maintenance, and improve the transportation infrastructure. Work will employ local bridge contractors and utilize locally-purchased materials, such as concrete and reinforcing steel.

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## Vermont

### Jobs to Improve Vermont Fish Passage - 2

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,000,000 for Capital Improvement and Maintenance

**County:** Windsor

This stream crossing reconstruction will increase traffic safety for local residents, improve public access for visitors, and allow for full fish passage through bridge reconstruction. Jobs will be created in the economically distressed State of Vermont with the focus on improving fish passage, increase public safety and improving access during the next 18 months. The project will

## Forest Service ARRA **Roads** projects announced 6/2/2009

have long-term benefits for the endangered Atlantic salmon, a federally endangered species, and the native Eastern brook trout, as well as other aquatic species as their habitat will be improved. The projects also provide enhanced recreation and travel opportunities for visitors to the Forest.

### **Jobs to Improve Forest Fish Passage in Vermont**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,200,000 for Capital Improvement and Maintenance

**County:** Rutland

Providing for unobstructed passage of fish will create jobs for people in economically depressed counties in Vermont. The projects include designs for bridges and culverts, as well as their reconstruction to allow for full passage of fish and other aquatic life, improve public access, and increase traffic safety. Aquatic habitat will be enhanced for high priority fish species, including the native Eastern brook trout.

### **Jobs to Improve Fish Passage on the Green Mountain National Forest-1**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 500,000 for Capital Improvement and Maintenance

**Partners:** United States Fish and Wildlife Service, Trout Unlimited

**County:** Windsor

Fisheries and Safety, Partners in Recovery Employment: This project will improve habitat for high priority fish species and create safer road systems for forest visitors and local residents. Jobs will be created in the economically-distressed state of Vermont to replace stream crossings and open two miles of critical fish spawning and rearing habitat over the next year and a half. Additionally, this work presents a partnership opportunity between the U.S. Fish and Wildlife Service, White River Partnership, and Trout Unlimited, Inc. The project will have long-term benefits for the Atlantic salmon, a species federally listed as endangered and other aquatic species, as well as providing enhanced recreational and travel opportunities for visitors to the Forest.

### **Forest Service Eastern Region – Region-wide Jobs, Deferred Maintenance Reduction and New Requirement Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota:

## Forest Service ARRA **Roads** projects announced 6/2/2009

Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

**Safety: By Car or ATV --** This project takes a bite out of road maintenance needs and employs people to do much-needed forest road and trail signing work in 13 Eastern and Midwestern states. Contracts and agreements will provide private sector jobs in economically-depressed areas in and near 15 national forests. The project reduces a backlog of critical forest road maintenance to include: installing new standard retro-reflectivity signs informing people where they can legally ride off-road vehicles as well as locations their activities may be restricted -- in order to protect natural resources. These signs are necessary to implement Forest Service national Travel Management Rule and to meet new reflectivity signing requirements that increase user safety. Long-term benefits of the project include reducing a backlog of much-needed road maintenance work, and improving road safety for forest visitors and local residents.

### **Forest Service Eastern Region – Region-wide Jobs, Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

**Safer Roads, Cleaner Water --** This project to maintain forest roads creates private sector positions in multiple economically depressed counties in eleven Eastern and Midwestern states. The work includes maintaining a large number of forest roads by removing encroaching brush; adding gravel to surfaces on some roads and repaving others; replacing old, rusted-out culverts; and grading roadways. This wide-ranging project will result in achieving many significant natural resource goals, including providing improved water quality through reduction of sediment; reducing critical deferred maintenance work; and improving safety for road users. The Forest Service has existing road maintenance partnerships with counties when their roads intertwine with forest roads, and both county and forest roads are often used for traveling to work, transporting children to school, providing emergency services, and deliveries, so the project offers noteworthy long-term benefits to local communities.

**Green Mountain and Finger Lakes Forest-wide Jobs,  
Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 2,475,000 for Capital Improvement and Maintenance

**Partners:** Towns of Goshen, Ripton, Chittenden, Wallingford, Peru, Sunderland, Winhall, Westin, Hector, Lodi and Covert

**County:** Rutland

Working for Better Roads -- This project maintains a large number of forest roads and creates high-paying, private sector positions in multiple economically depressed towns and counties in Vermont and New York. The work includes: removing encroaching brush; adding gravel surfaces; cleaning ditches; replacing old, rusted-out culverts; and grading roadways. These wide-ranging projects will achieve many significant natural resource goals including: providing improved water quality through reducing sediment; reducing critical deferred maintenance work; and increasing safety and comfort for road users. The Forest Service roads provide access to the forest, and although they may begin as township roads, they frequently become Forest Service jurisdiction roads often used by local communities for traveling to work, transporting children to school, providing emergency services, and for commercial deliveries. The project offers noteworthy, long-term benefits to these communities.

**Green Mountain and Finger Lakes National Forests –  
Roads Deferred Maintenance Reduction**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 120,000 for Capital Improvement and Maintenance

**Partners:** Towns of Hancock, Grandville and Rochester

**Counties:** Bennington, Essex, Rutland, Washington, Windham, and Windsor

Fixing Forest Roads Provides Safety for Local Drivers -- Forest Service roads provide access to the Forest. However, they may often begin as township roads which are frequently used for traveling to work, transporting children to school, providing emergency services, and making deliveries. The project offers noteworthy long-term benefits to local communities. This project creates private sector positions in multiple, economically-depressed towns in Vermont. It also increases safety and comfort for the many users of Forest Service roads that intertwine with township roads. The work includes maintaining a number of forest roads by removing encroaching brush; adding gravel surfaces; cleaning ditches; replacing old, rusted-out culverts; and grading roadways. These critical backlogged maintenance projects also improve water quality through reducing erosion.

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**Virginia**

**Arches and culvert replacement to restore natural ecosystem of streams  
(Virginia)**

**Date of Announcement:** May 18, 2009

## Forest Service ARRA **Roads** projects announced 6/2/2009

**Estimated Funding:** \$ 440,000 for Capital Improvement and Maintenance

**Counties:** Alleghany, Bath, Page and Shenandoah

This project will benefit public safety, improve water quality and restore watersheds across four districts on the George Washington National Forest. Some existing culverts on the forest are worn and are in need of replacement. Multiple culverts and four arches will be replaced by this work. An arch, in this instance, is a big pipe without a bottom to allow the free passage of fish and other aquatic organisms within the stream as well as safe public transportation on the road above the arch.

### **Jefferson National Forest - Repave Large Parking Area at Cascades Day Use Area**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 300,000 for Capital Improvement and Maintenance

**County:** Giles

This recreation facility is near Blacksburg, Virginia, and is one of the most popular sites on the Jefferson National Forest. It is heavily used by visitors all year, including those from overseas. The existing parking area is cracked and has numerous pot holes due to the heavy use. The new pavement overlay will smooth over the existing surface and will feature new markings and a smoother surface for public safety. It will result in a more attractive, more functional area for Cascades visitors, including those that participate in the ongoing interpretive programs still available near the trailhead. This will address deferred maintenance.

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## **Washington**

### **Region-wide Road Deferred Maintenance**

(same as in "Oregon" above)

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 9,000,000 for Capital Improvement and Maintenance

**States:** Oregon, Washington

**Counties:** Oregon: Baker, Clackamas, Coos, Crook, Curry, Deschutes, Douglas, Grant, Harney, Hood River, Jackson, Jefferson, Josephine, Klamath, Lake, Lane, Lincoln, Linn, Morrow, Multnomah, Tillamook, Umatilla, Union, Wallowa, Wasco, Wheeler.  
Washington: Asotin, Chelan, Clallam, Columbia, Cowlitz, Ferry, Garfield, Grays Harbor, Jefferson, King, Kittitas, Klickitat, Lewis, Mason, Okanogan, Pend Oreille, Pierce, Skagit, Skamania, Snohomish, Stevens, Walla Walla, Whatcom, Yakima

The forest road system in the Northwest has approximately \$1.8 billion worth of deferred maintenance which, if left uncorrected, jeopardizes public safety and natural resources -- specifically aquatic resources. This project will improve forest roads in Oregon and Washington by completing deferred maintenance work on national forest system roads and bridges. The work will include an emphasis on hazard mitigation, structure replacement, erosion control, drainage system upgrades, and installing low-cost surface drainage systems along with replacing culverts

## Forest Service ARRA **Roads** projects announced 6/2/2009

to reduce the risk of future storm damage. It also includes deferred maintenance on roads used for logging traffic. The work can also be done through existing or upcoming stewardship contracts. The project will be awarded with multiple contracts across the region. This project is also tied to several ARRA watershed enhancement projects, including: Forest Wide Fisheries Restoration Projects, Siuslaw Watershed Council In-Stream Helicopter Wood placement, and Lower Snake River Watershed Restoration.

### **Gifford Pinchot National Forest - P - GP Forest Bridge Design and Replacement**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 4,860,000 for Capital Improvement and Maintenance

**Partners:** Federal Highway Administration

**County:** Lewis

The Gifford Pinchot National Forest will replace a number of bridges and remove one other that is at risk of failing. These bridges were constructed in the 1940s to 1960s and are critical to the Forest and local communities for access onto the National Forest but are at the end of their life span. They provide the only vehicular access to large areas of the National Forest and are important in management of resources including: fire prevention, clean water, forest and wildlife health, and recreation. Partners who work with the forest and have voiced concern over the loss of the bridges and the access they provide include snowmobile clubs, hikers, collaborative groups, and others. Several of these partners have themselves applied for grants and funding to repair and replace several of the bridges. Lewis and Skamania are rural counties in southwest Washington that have been impacted by the loss of logging and mill jobs. The bridge construction projects will provide needed jobs in these resource dependant communities.

### **Puget Sound Region of Washington - P – Storm proofing & Deferred Maintenance and Road Decommissioning - Culverts**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,590,000 for Capital Improvement and Maintenance

**Partners:** Sauk-Suiattle Indian Tribe, Mountain to Sound Greenway Trust, Puget Sound Partnership, Washington State Department of Natural Resources, Skagit River System Cooperative - Snohomish County

**County:** Snohomish

When water runs off roads unabated during a storm, it can create erosion, damage roads, affect water quality and fish habitat, and more. The Puget Sound region of Washington is particularly vulnerable to intense winter storms each year. In any road system, proper drainage ensures appropriate passage of water, fish, and minimal sedimentation. However they must be maintained to be effective. Likewise, roads that are no longer used can fail or erode and become sources of sediment in streams and rivers. Storm proofing, maintaining needed roads and decommissioning roads that have served their social and economic purposes are key in protecting resources from uncontrolled damage. This project leverages the interest of Forest

## Forest Service ARRA **Roads** projects announced 6/2/2009

partners and stakeholders. It provides an opportunity to make timber sales more economically viable. It also provides significant jobs for people in adjacent economically distressed communities.

### **Olympic National Forest Aquatic Species Passage and Road Decommission**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 4,500,000 for Capital Improvement and Maintenance

**Partners:** Federal Highways Administration, Skohomish Watershed Action Team, Salmon Restoration Funding Board, Clallam County Conservation District

**County:** Grays Harbor

Projects will focus on road decommissioning, bridge construction, road maintenance and fish passage. With approximately five partners from local watershed councils, non-profits, state and federal agencies committed to this project, anadromous fish will be protected through stream techniques that will re-create natural stream channel conditions at road crossings. We will replace fish barriers with appropriate structures and will remove culverts and decommission roads. This will reestablish access to several miles of anadromous spawning and comfortable rearing habitat for coho, steelhead and cutthroat trout. Another project will reduce risk to aquatic resources in the South Fork Skokomish River and the Sol Duc River Watersheds through decommissioning some roads and maintenance improvements. By replacing a failing culvert with an appropriately sized bridge, the work will reduce the risk of collapse, improve vehicle and visitor safety, insure continued access to many miles of existing forest roads, reduce frequent soil erosion problems and protect water quality of surrounding streams.

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### **West Virginia**

#### **Forest Service Eastern Region – Region-wide Jobs, Deferred Maintenance Reduction and New Requirement Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota: Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

**Safety:** By Car or ATV -- This project takes a bite out of road maintenance needs and employs people to do much-needed forest road and trail signing work in 13 Eastern and Midwestern states. Contracts and agreements will provide private sector jobs in economically-depressed areas

## Forest Service ARRA **Roads** projects announced 6/2/2009

in and near 15 national forests. The project reduces a backlog of critical forest road maintenance to include: installing new standard retro-reflectivity signs informing people where they can legally ride off-road vehicles as well as locations their activities may be restricted -- in order to protect natural resources. These signs are necessary to implement Forest Service national Travel Management Rule and to meet new reflectivity signing requirements that increase user safety. Long-term benefits of the project include reducing a backlog of much-needed road maintenance work, and improving road safety for forest visitors and local residents.

### **Forest Service Eastern Region – Region-wide Jobs, Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

Safer Roads, Cleaner Water -- This project to maintain forest roads creates private sector positions in multiple economically depressed counties in eleven Eastern and Midwestern states. The work includes maintaining a large number of forest roads by removing encroaching brush; adding gravel to surfaces on some roads and repaving others; replacing old, rusted-out culverts; and grading roadways. This wide-ranging project will result in achieving many significant natural resource goals, including providing improved water quality through reduction of sediment; reducing critical deferred maintenance work; and improving safety for road users. The Forest Service has existing road maintenance partnerships with counties when their roads intertwine with forest roads, and both county and forest roads are often used for traveling to work, transporting children to school, providing emergency services, and deliveries, so the project offers noteworthy long-term benefits to local communities.

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### **Wisconsin**

#### **Jobs to Improve Fish Passage and Restore Bridges in Wisconsin and Illinois** (same as in "Illinois above)

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 1,000,000 for Capital Improvement and Maintenance

**Partners:** Nature Conservancy, Will County, Illinois; Florence County, Wisconsin

## Forest Service ARRA **Roads** projects announced 6/2/2009

**County:** Illinois: Will. Wisconsin: Florence, Oconto, Sawyer

Improving bridge safety and road crossings, as well as improving fish passage are a high priority in both Wisconsin and Illinois. This project will create jobs and restore fish passage at six streams in Wisconsin and two in Illinois. The work will include improving safety at bridges and road crossings to meet standards; stabilizing stream banks; restoring stream channels and reducing sedimentation into streams. This work includes restoration of the historic Red Bridge over Armstrong Creek in the Chequamegon-Nicolet National Forest. Restoration and placement of the Red Bridge will provide final stabilization for the stream banks and restore stream channels. This work will have long-standing benefits to the visiting public through improved transportation infrastructure and to fish and other aquatic species through improved stream passage.

### **Forest Service Eastern Region – Region-wide Jobs, Deferred Maintenance Reduction and New Requirement Adherence and Motorized Use Signing for Forest Resource Protection**

**Date of Announcement:** May 18, 2009

**Estimated Funding:** \$ 3,500,000 for Capital Improvement and Maintenance

**States:** Illinois, Indiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will, Williamson. Indiana: Jackson, Monroe. Maine: Oxford. Michigan: Delta, Grand Traverse, Marquette, Muskegon, Newaygo, Wexford. Minnesota: Beltrami, Itasca, Saint Louis. Missouri: Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence, Oconto, Oneida, Price

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### **Forest Service Eastern Region – Region-wide Jobs, Critical Deferred Maintenance Reduction Projects**

**Date of Announcement:** May 18, 2009

## Forest Service ARRA **Roads** projects announced 6/2/2009

**Estimated Funding:** \$ 5,880,000 for Capital Improvement and Maintenance

**Partners:** Beltrami County, Leach Lake Band of Ojibwe

**States:** Illinois, Indiana, Maine, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania, Vermont, West Virginia, Wisconsin

**Counties:** Illinois: Will. Indiana: Jackson, Monroe. Maine: Oxford. Minnesota: Beltrami, Saint Louis. Missouri: Bollinger, Christian, Perry, Reynolds, Shannon, Stone. New Hampshire: Carroll, Coos, Grafton. New York: Schuyler, Seneca. Ohio: Lawrence, Washington. Pennsylvania: Elk, Forest, McKean. Vermont: Addison, Bennington, Rutland, Windham, Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker, Webster. Wisconsin: Florence

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