



USDA Forest Service American Recovery and Reinvestment Act Projects

Errata

May 4, 2011

Contents

<u> Alaska</u>	3
California	4
Hawaii	8
<u>ldaho</u>	9
Illinois	11
Indiana	12
Kentucky	13
Maine	14
Minnesota	15
Nebraska	16
New Hampshire	17
New York	18
<u>Ohio</u>	19
Oregon	20
Tennessee	23
Vermont	24
Washington	25
West Virginia	27
Wisconsin	28

Alaska

Western States - Forests Adapting To and Mitigating Climate Change Effects

To help urban forests adapt and be resilient to a changing climate, we need to know their current health. Having a baseline of urban forest conditions will also provide early warning for insect and disease problems. This project uses the model of Forest Service Research's Forest Inventory and Analysis program to gather data on the condition of forests in populated areas in five western states.

Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of urban trees to carbon sequestration, water management within urban areas, and quality of life for urban residents.

Corrected Narrative

To help urban forests adapt and be resilient to a changing climate, we need to know their current health. In this project, baseline data on the condition of forests in populated areas are being gathered in five western states. Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of urban trees to carbon sequestration, water management within urban areas, and quality of life for urban residents. Work will continue through 2013, with a large amount of data gathering planned for 2011.

California

Facility Maintenance/Renovation

Counties: Los Angeles, Monterey, Plumas, Shasta, Siskiyou, Tehama and Ventura

Corrected Narrative

Counties: Los Angeles, Monterey, Plumas, Shasta, Siskiyou and Ventura

Recreation Site Reconstruction

Counties: Butte, El Dorado, Kern, Lake, Los Angeles, Modoc, Mono, Nevada, Plumas, Riverside, San Bernardino, Shasta, Sierra, Siskiyou, Tuolumne, Ventura and Yuba

Corrected Narrative

Counties: Butte, El Dorado, Kern, Lake, Los Angeles, Modoc, Mono, Nevada, Plumas, San Bernardino, Siskiyou and Tuolumne

Region-wide Reduction of Hazardous Fuels for Woody Biomass

Counties: El Dorado, Modoc, Placer, Plumas and Sierra

Corrected Narrative

Counties: Lassen, Modoc, Placer, Plumas and Sierra

Region-wide Fuels Reduction Project

Counties: Shasta, Siskiyou, Trinity, Tulare and Tuolumne

Corrected Narrative

Counties: Shasta, Siskiyou, Trinity and Tuolumne

This project involves hazardous fuel reduction work on the Shasta-Trinity and Stanislaus

Invasive Plant Distressed County

Counties: Humboldt and Los Angeles

Corrected Narrative

Counties: Humboldt, Siskiyou and Los Angeles

Thinning and Woody Biomass Phase 1

Counties: Los Angeles, Modoc, Placer and Tuolumne

Corrected Narrative

Counties: Lake, Fresno, Mariposa, Modoc, Placer and Tuolumne

Insect and Disease Mitigation for Sugar Pines

Counties: Alpine, Sierra and Tulare

Corrected Narrative

Counties: Sierra and Tulare

Western States - Forests Adapting To and Mitigating Climate Change Effects

To help urban forests adapt and be resilient to a changing climate, we need to know their current health. Having a baseline of urban forest conditions will also provide early warning for insect and disease problems. This project uses the model of Forest Service Research's Forest Inventory and Analysis program to gather data on the condition of forests in populated areas in five western states.

Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of urban trees to carbon sequestration, water management within urban areas, and quality of life for urban residents.

Corrected Narrative

To help urban forests adapt and be resilient to a changing climate, we need to know their current health. In this project, baseline data on the condition of forests in populated areas are being gathered in five western states. Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of urban trees to carbon sequestration, water management within urban areas, and quality of life for urban residents. Work will continue through 2013, with a large amount of data gathering planned for 2011.

Research on Restoring Critical Habitat for Listed Pacific Salmon

States: California and Oregon

Counties: California: Siskiyou. Oregon: Benton

Fisheries are critical economically, culturally, and ecologically to the Pacific Coast states. The Pacific Northwest Research Station has studied fish habitat for four decades. It recently initiated work to help public utility districts, land managers, planners, regulators, and others at federal, state and county levels make decisions on restoring salmon and trout habitat, anticipate climate change impacts, and provide clean water. This project will use partnerships among premier scientists and natural resource professionals in the Forest Service, University of Washington, Oregon State University, National Forests, Bureau of Land Management, and others. The scientific expertise and existing productive partnerships will provide successful completion of this project. Project components include: assessment of watersheds in southeast Alaska and interior Columbia basin vulnerable to climate change; identifying key places for habitat restoration; understanding climate change and fire effects on watershed and fish habitat; mapping fish habitat in southwest Oregon and northwest California for Siskiyou National Forest forest planning and riparian management, and developing a stream chemistry tool for establishing water quality regulations for timber harvest.

Corrected Narrative

States: California, Oregon, and Washington

Counties: California: Siskiyou. Oregon: Benton. Washington: Chelan

Partnerships among premier scientists and natural resource professionals from a variety of agencies and universities are being used in this project to address issues critical to the management of Pacific salmonids and their habitats. Project components include: assessment of watersheds in southeast Alaska and the interior Columbia basin that are vulnerable to climate change; identifying key places for habitat restoration; understanding climate change and fire effects on watershed and fish habitat; mapping fish habitat in southwest Oregon and northwest California, and developing a stream chemistry tool for establishing water quality regulations for timber harvest. This project will continue through 2012.

NFs throughout California - Decommissioning Roads (Reducing Deferred Maintenance, Increasing Water Quality)

Counties: Amador, Lake, San Bernardino and Siskiyou

Corrected Narrative

Counties: Amador, San Bernardino and Siskiyou

Facilities Decommissioning/Maintenance

Counties: Butte, Del Norte, Fresno, Glenn, Los Angeles, Mariposa, Monterey, Plumas, San Bernardino, San Diego, Santa Barbara, Tuolumne, Ventura and Yuba

Corrected Narrative

Counties: Butte, Del Norte, Fresno, Glenn, Los Angeles, Monterey, Plumas, San Bernardino, San Diego, Santa Barbara, Tuolumne, Ventura and Yuba

National Forests in California Storm Proofing / Reconstruction Roads

Counties: El Dorado, Los Angeles, Madera, Modoc, Plumas, San Bernardino, Sierra, Siskiyou, Tehama, Trinity and Tuolumne

Corrected Narrative

Counties: El Dorado, Los Angeles, Madera, Modoc, Plumas, San Bernardino, Sierra, Siskiyou, Stanislaus, Tehama, Trinity and Tuolumne, Yuba

Non-Motor/Non-Wilderness Trails

Counties: California: Butte, Calaveras, Del Norte, El Dorado, Humboldt, Kern, Lassen, Mono, Plumas, Sierra, Siskiyou, Trinity, Tuolumne and Yuba. Nevada: Douglas

This project involves trail repair and reconstruction of heavily used, non-motorized trails on National Forests throughout California. Trails provide a gateway for Americans, both young and old, to experience the outdoors and connect with nature through their National Forests. Trails in poor condition can crode to the point of being impassible, causing sedimentation in nearby streams and preventing access to public lands. Much needed trail repair work will be completed through this project by a variety of local partners, including young adults involved with the network of Conservation Corps throughout California. These young adults will be involved in labor intensive trail work while developing vital trade skills and a land conservation ethic. The project includes making select trails accessible to people with disabilities. It also involves work on the popular Pacific Crest National Recreation Trail.

USDA Forest Service Recovery Act Project Errata

May 4, 2011

The public will benefit from improved trail access and the health benefits associated with hiking and connecting to the outdoors.

Corrected Narrative

Counties: California: Butte, Calaveras, Del Norte, El Dorado, Fresno, Humboldt, Kern, Lassen, Mono, Plumas, Sierra, Siskiyou, Trinity, Tuolumne and Yuba. Nevada: Douglas

This project involves trail repair and reconstruction of heavily used, non-motorized trails on National Forests throughout California. Trails provide a gateway for Americans, both young and old, to experience the outdoors and connect with nature through their National Forests. Trails in poor condition can erode to the point of being impassible, causing sedimentation in nearby streams and preventing access to public lands. Much needed trail repair work will be completed through this project by a variety of local partners, including young adults involved with the network of Conservation Corps throughout California. These young adults will be involved in labor intensive trail work while developing vital trade skills and a land conservation ethic. The project includes making select trails accessible to people with disabilities. It also involves work on the popular Pacific Crest National Recreation Trail. The public will benefit from improved trail access and the health benefits associated with hiking and connecting to the outdoors.

National Forests in California - Bridge Maintenance / Deficient Bridges

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

Corrected Narrative

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

National Forests in California – Paving / Chipseal / Aggregate Surfacing

Counties: 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

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.

Corrected Narrative

Counties: 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

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.

Hawaii

Western States – Forests Adapting To and Mitigating Climate Change Effects

To help urban forests adapt and be resilient to a changing climate, we need to know their current health. Having a baseline of urban forest conditions will also provide early warning for insect and disease problems. This project uses the model of Forest Service Research's Forest Inventory and Analysis program to gather data on the condition of forests in populated areas in five western states.

Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of urban trees to carbon sequestration, water management within urban areas, and quality of life for urban residents.

Corrected Narrative

To help urban forests adapt and be resilient to a changing climate, we need to know their current health. In this project, baseline data on the condition of forests in populated areas are being gathered in five western states. Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of urban trees to carbon sequestration, water management within urban areas, and quality of life for urban residents. Work will continue through 2013, with a large amount of data gathering planned for 2011.

Idaho

Payette National Forest - Road and Bridge Maintenance and Improvement

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.

Corrected Narrative

Counties: Adams, Idaho, and Valley

This project will improve public safety, reduce sedimentation and protect the investment in the National Forest's roads by repairing, maintaining and resurfacing 34 miles of paved road and 52 miles of gravel roads, and restoring or replacing three deficient bridges. When complete, people using the roads will have safer and better access to campgrounds, trails and wintertime access to backcountry communities.

Boise National Forest Trail Maintenance for Visitor Safety and Resource Protection

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

Partners: Idaho Department of Parks and Recreation, Northwest Youth Corps, Idaho Backcountry Horsemen, Boise and Squaw Butte Chapters

County: Gem

The Boise National Forest is considered "Boise's Backyard." Trail use has increased due to the fast population growth of the surrounding communities in Southwest Idaho. Normal budgets have not been able to keep up with the maintenance associated with the greater number of users, and repairs have been postponed until funding could be made available. Over 100 miles of system trails will receive maintenance with this project. These maintenance activities will improve public safety through improved trails, enhance recreation opportunities, reduce environmental impacts, future maintenance costs, and the backlog of deferred maintenance. Unemployment rates are high in Boise, Gem, Elmore, and Valley counties. It is anticipated that the project will create many seasonal jobs and initiate multiple contracts, agreements, and partnerships across the Boise National Forest. Not only does this project provide jobs across four counties, but it also maintains recreational escapes within a 2-hour drive for the population of Idaho's capital city.

Corrected Narrative

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

Partners: Idaho Department of Labor, Northwest Youth Corps, Montana Conservation Corps, Student Conservation Corps

Counties: Elmore, Boise, Gem, Valley

The Boise National Forest is considered "Boise's Backyard." Trail use has increased due to the fast population growth of the surrounding communities in Southwest Idaho. Normal budgets have not been able to keep up with the maintenance associated with the greater number of users, and repairs have been postponed until funding could be made available. Over 100 miles of system trails will receive maintenance with this project. These maintenance activities will improve public safety through improved trails, enhance recreation opportunities, reduce environmental impacts, future maintenance costs, and the backlog of deferred maintenance.

Project accomplishments include replacement of five major trail bridges. Trail maintenance was completed on 100 miles of trail. Trail maintenance activities included cutting and removing downfall logs, brushing, restoring trail tread, cleaning drainage structures, repairing and replacing drainage structures, repairing and replacing trail puncheon, turnpikes, and repairing and replacing trail signs.

The project improved public access to trails, creating recreation opportunities which draw visitors, contributing to the local economies. Employed at-risk youth in local communities and provided exposure to public lands for youth. Contracts created jobs for Idaho's economy and materials used for the project were purchased locally.

Boise and Payette National Forests - Stewardship/Biomass Projects

County: Adams

Changes in land uses and fire suppression activities on National Forest System lands have altered the frequency of natural wildland fire in forested stands that historically experienced frequent, low intensity wildland fire. The lack of wildland fire has resulted in an uncharacteristic build up of vegetation and has increased the risk of catastrophic fires that threaten local communities. The Boise/Payette Project is designed to remove hazardous fuel in forested stands adjacent to our local communities which will lessen the risk of catastrophic wildland fires, and improve overall forest health. The project includes commercial and pre-commercial thinning along with associated slash treatments on approximately 4,200 acres on the Boise National Forest (NF) and 3,800 acres on the Payette NF. Once thinning is complete, 34,100 tons of biomass from the Payette NF will be chipped and used to generate renewable energy, while on the Boise NF 3,000 tons of biomass will be made into various wood by products. Prescribed fire treatments will be used to dispose of the remaining slash.

Corrected Narrative

Counties: Adams, Valley, Boise and Elmore

Changes in land uses and fire suppression activities on National Forest System lands have altered the frequency of natural wildland fire in forested stands that historically experienced frequent, low intensity wildland fire. The lack of wildland fire has resulted in an uncharacteristic build-up of vegetation and has increased the risk of catastrophic fires that threaten local communities. The Boise/Payette Project is designed to remove hazardous fuel in forested stands adjacent to our local communities which will lessen the risk of catastrophic wildland fires, and improve overall forest health. The project includes commercial and pre-commercial thinning along with associated slash treatments on approximately 1,892 acres on the Boise National Forest (NF) and 11,000 acres on the Payette NF. Once thinning is complete, 45,000 tons of biomass from the Payette NF will be chipped and used to generate renewable energy, while on the Boise NF 5,000 tons of biomass will be made into various wood by-products. Prescribed fire treatments will be used to dispose of the remaining slash.

Illinois

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

States: Illinois, Indiana, Maine, Minnesota, New Hampshire, New York, Ohio, Vermont, West Virginia and Wisconsin

Counties: Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. New Hampshire: Carroll and Coos, Grafton. New York: Schuyler and Seneca. Ohio: Lawrence and Washington. Vermont: Addison, Bennington, Rutland, Windham and Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker and 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.

Corrected Narrative

States: Illinois, Indiana, Maine, Minnesota, Ohio, West Virginia and Wisconsin **Counties:** Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. Ohio: Lawrence and Washington. West Virginia: Barbour, Pocahontas, Randolph, Tucker and Webster. Wisconsin: Florence

Indiana

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

States: Illinois, Indiana, Maine, Minnesota, New Hampshire, New York, Ohio, Vermont, West Virginia and Wisconsin

Counties: Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. New Hampshire: Carroll and Coos, Grafton. New York: Schuyler and Seneca. Ohio: Lawrence and Washington. Vermont: Addison, Bennington, Rutland, Windham and Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker and 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.

Corrected Narrative

States: Illinois, Indiana, Maine, Minnesota, Ohio, West Virginia and Wisconsin **Counties:** Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. Ohio: Lawrence and Washington. West Virginia: Barbour, Pocahontas, Randolph, Tucker and Webster. Wisconsin: Florence

Kentucky

Fuels for Schools Demonstration Project

Coordination with external partners to obtain summary information is ongoing.

Corrected Narrative

This project is located in Eddyville, Kentucky, with Lyon County High School selected as the educational facility. The high school's existing heating system operates solely on natural gas. The project goal is to integrate a new boiler system which operates on woody biomass into the existing system and reduce the amount of natural gas utilized for heating needs. The Lyon County Fiscal Court was awarded a grant from the USDA Forest Service in the amount of \$979,160 for the design, administration, and construction of the new biomass boiler system. A 1.75 MMBtu/hr wood chip boiler system and contractor have been selected with construction to commence in 2011.

Fuels for Community Health Facilities Demonstration Project

Coordination with external partners to obtain summary information is ongoing.

Corrected Narrative

This project is located in Cadiz, Kentucky, with Trigg County Hospital selected as the health facility. The hospital's existing heating system operates solely on natural gas. The project goal is to integrate a new boiler system which operates on woody biomass into the existing system and reduce the amount of natural gas utilized for heating needs. The Trigg County Fiscal Court was awarded a grant from the USDA Forest Service in the amount of \$979,160 for the design, administration, and construction of the new biomass boiler system. A 1.0 MMBtu/hr wood chip boiler system and contractor have been selected with construction to commence in 2011.

Maine

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

States: Illinois, Indiana, Maine, Minnesota, New Hampshire, New York, Ohio, Vermont, West Virginia and Wisconsin

Counties: Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. New Hampshire: Carroll and Coos, Grafton. New York: Schuyler and Seneca. Ohio: Lawrence and Washington. Vermont: Addison, Bennington, Rutland, Windham and Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker and 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.

Corrected Narrative

States: Illinois, Indiana, Maine, Minnesota, Ohio, West Virginia and Wisconsin **Counties:** Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. Ohio: Lawrence and Washington. West Virginia: Barbour, Pocahontas, Randolph, Tucker and Webster. Wisconsin: Florence

Minnesota

Deferred Maintenance of Recreation and Administrative Sites

Corrected Narrative

Counties: Beltrami, Cass, Itasca and Saint Louis

Nebraska

Nebraska National Forest Recreation Sites Improvements and Deferred Maintenance Reduction

County: Cherry

This project will complete all deferred maintenance needs on the National Forest and Grasslands units in Nebraska. Most of these sites were built in the 1960s with few improvements since then. Upgrades are necessary to bring them into compliance with Forest Service standards and meet accessibility needs. Safety concerns will also be addressed. New wells for drinking water and new sanitary facilities are two examples of the improvements that will be accomplished with these funds.

Corrected Narrative

Counties: Thomas, Sioux

This project will complete most of the deferred maintenance needs on the National Forest and Grasslands recreation units in Nebraska. Most of these sites were built in the 1960s with few improvements since then. Upgrades are necessary to bring them into compliance with Forest Service standards and meet accessibility needs. Safety concerns will also be addressed. Water system upgrades, campground modernizations, trail improvements, replacement of sanitary facilities, and observation tower safety improvements are examples of the improvements that will be accomplished with these funds.

New Hampshire

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

States: Illinois, Indiana, Maine, Minnesota, New Hampshire, New York, Ohio, Vermont, West Virginia and Wisconsin

Counties: Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. New Hampshire: Carroll and Coos, Grafton. New York: Schuyler and Seneca. Ohio: Lawrence and Washington. Vermont: Addison, Bennington, Rutland, Windham and Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker and 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.

Corrected Narrative

States: Illinois, Indiana, Maine, Minnesota, Ohio, West Virginia and Wisconsin **Counties:** Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. Ohio: Lawrence and Washington. West Virginia: Barbour, Pocahontas, Randolph, Tucker and Webster. Wisconsin: Florence

New York

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

States: Illinois, Indiana, Maine, Minnesota, New Hampshire, New York, Ohio, Vermont, West Virginia and Wisconsin

Counties: Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. New Hampshire: Carroll and Coos, Grafton. New York: Schuyler and Seneca. Ohio: Lawrence and Washington. Vermont: Addison, Bennington, Rutland, Windham and Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker and 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.

Corrected Narrative

States: Illinois, Indiana, Maine, Minnesota, Ohio, West Virginia and Wisconsin Counties: Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. Ohio: Lawrence and Washington. West Virginia: Barbour, Pocahontas, Randolph, Tucker and Webster. Wisconsin: Florence

Ohio

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

States: Illinois, Indiana, Maine, Minnesota, New Hampshire, New York, Ohio, Vermont, West Virginia and Wisconsin

Counties: Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. New Hampshire: Carroll and Coos, Grafton. New York: Schuyler and Seneca. Ohio: Lawrence and Washington. Vermont: Addison, Bennington, Rutland, Windham and Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker and 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.

Corrected Narrative

States: Illinois, Indiana, Maine, Minnesota, Ohio, West Virginia and Wisconsin **Counties:** Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. Ohio: Lawrence and Washington. West Virginia: Barbour, Pocahontas, Randolph, Tucker and Webster. Wisconsin: Florence

Oregon

Coyote Creek Gage Stations Reconstruction

In the 1960s and 1970s, stream gauging stations in the Umpqua Experimental Forest provided valuable information about the effects of different harvest techniques on water quality and flow levels. Now, the Umpqua National Forest is about to initiate contemporary forest treatments to meet current forest health objectives. The region contains high-value salmon habitat, and information about the effects of forest management on year-round stream conditions is critical for maintaining habitat for fish species that have immense economic and cultural values. The information gained from these restored gage stations will enable evaluation of these contemporary forest treatments on stream flow. This project will strengthen the national experimental forest network by bringing an experimental forest that has been essentially dormant for 20 years due to funding constraints, back into operation. This infrastructure improvement project will restore deteriorated, unsafe gage stations, and work spaces. Solar energy will be explored and installed, where feasible.

Corrected Narrative

Coyote Creek Gauge Stations Reconstruction

In the 1960s and 1970s, stream gauging stations in the Umpqua Experimental Forest provided valuable information about the effects of different harvest techniques on water quality and flow levels, but deteriorated when funds ran low. Now, the Umpqua National Forest is about to initiate contemporary forest treatments to meet current forest health objectives, and restoration of the stream gauge stations became a priority. The region contains high-quality salmon habitat, and information about the effects of forest management on year-round stream conditions is critical for maintaining healthy populations of economically and culturally valuable fish. The information gained from these restored gauge stations will enable evaluation of contemporary forest treatments on stream flow. This infrastructure improvement project restored deteriorated, unsafe gauge stations and work spaces, incorporating solar technology for energy efficiency.

Summer Employment and Education Opportunities for Youth (Multi-State)

This project creates leadership and learning opportunities for students in middle school to graduate school. Youth mentors will lead activities for underprivileged children and their families, introducing them to National Forests. University students will benefit from summer jobs in science-related fields. Their work assisting with field studies in local forests and rivers will contribute valuable baseline information about the health of these resources. Activities and internship opportunities targeted at minority communities will expose these students to jobs in science related fields, where they are currently underrepresented, and encourage them to obtain further education in these areas.

Corrected Narrative

This project is creating leadership and learning opportunities for students in middle school to graduate school. During the summer, university student youth mentors lead activities for underprivileged children and their families, introducing them to National Forests, and gathering valuable baseline information about the health of these resources. Students are exposed to and encouraged to pursue education and jobs in science-related fields, where they are currently underrepresented. This project will continue through 2012.

Western States – Forests Adapting To and Mitigating Climate Change Effects

To help urban forests adapt and be resilient to a changing climate, we need to know their current health. Having a baseline of urban forest conditions will also provide early warning for insect and disease problems. This project uses the model of Forest Service Research's Forest Inventory and Analysis program to gather data on the condition of forests in populated areas in five western states.

Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees eooling the urban environment, the contribution of urban trees to carbon sequestration, water management within urban areas, and quality of life for urban residents.

Corrected Narrative

To help urban forests adapt and be resilient to a changing climate, we need to know their current health. In this project, baseline data on the condition of forests in populated areas are being gathered in five western states. Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of urban trees to carbon sequestration, water management within urban areas, and quality of life for urban residents. Work will continue through 2013, with a large amount of data gathering planned for 2011.

Pacific Northwest Research Station Road Maintenance

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.

Corrected Narrative

When the ARRA was enacted, road repairs were needed throughout the PNW Research Station's network of research laboratories and experimental forests to ensure safe access for personnel and the public. Associated erosion control activities were needed as well, to improve water quality and ecosystem integrity. This infrastructure and erosion control improvement project included a variety of improvements, like bridge replacement, grading and resurfacing roads, maintenance of parking areas, and correcting drainage issues. Work took place 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. The project was completed in the fall of 2010.

Research on Restoring Critical Habitat for Listed Pacific Salmon

States: California and Oregon

Counties: California: Siskiyou. Oregon: Benton

Fisheries are critical economically, culturally, and ecologically to the Pacific Coast states. The Pacific Northwest Research Station has studied fish habitat for four decades. It recently initiated work to help public utility districts, land managers, planners, regulators, and others at federal, state and county levels make decisions on restoring salmon and trout habitat, anticipate climate change impacts, and provide clean water. This project will use partnerships among premier scientists and natural resource professionals in the Forest Service, University of Washington, Oregon State University, National Forests, Bureau of Land Management, and others. The scientific expertise and existing productive partnerships will provide successful completion of this project. Project components include: assessment of watersheds in southeast Alaska and interior Columbia basin vulnerable to climate change; identifying key places for habitat restoration; understanding climate change and fire effects on watershed and fish habitat; mapping fish habitat in southwest Oregon and northwest California for Siskiyou National Forest forest planning and riparian management, and developing a stream chemistry tool for establishing water quality regulations for timber harvest.

Corrected Narrative

States: California, Oregon, and Washington

Counties: California: Siskiyou. Oregon: Benton. Washington: Chelan

Partnerships among premier scientists and natural resource professionals from a variety of agencies and universities are being used in this project to address issues critical to the management of Pacific salmonids and their habitats. Project components include: assessment of watersheds in southeast Alaska and the interior Columbia basin that are

USDA Forest Service Recovery Act Project Errata

May 4, 2011

vulnerable to climate change; identifying key places for habitat restoration; understanding climate change and fire effects on watershed and fish habitat; mapping fish habitat in southwest Oregon and northwest California, and developing a stream chemistry tool for establishing water quality regulations for timber harvest. This project will continue through 2012.

Tennessee

Waterfall Trails Maintenance

Waterfalls are popular visitor destinations on the Cherokee National Forest, and the trails leading to these falls are heavily used and in places are in poor condition, increasing the risk of hikers falling. These waterfall trails are major destinations supporting tourism in the surrounding communities. This project is expected to address needed work on 20 or more of these trails and will include maintenance activities, erosion control, replacement of steps, handrail reconstruction, and other general repairs. Work will be accomplished primarily by hand labor using local contractors. Completion of this work would improve visitor access to and safety on these natural attractions and other regional sightseeing destinations.

Corrected Narrative

Waterfalls are popular visitor destinations on the Cherokee National Forest, and the trails leading to these falls are heavily used and in places are in poor condition, increasing the risk of hikers falling. These waterfall trails are major destinations supporting tourism in the surrounding communities. This project is expected to address needed work on 20 or more of these trails and will include maintenance activities, erosion control, replacement of steps, handrail reconstruction, and other general repairs. The work in Unicoi County includes work on the Pinnacle Mountain Trail and modifying the Pinnacle Mountain fire tower for use as an observation tower for the public. Work will be accomplished primarily by hand labor using local contractors. Completion of this work would improve visitor access and provide additional safety measures on these natural attractions and other regional sightseeing destinations.

Vermont

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

States: Illinois, Indiana, Maine, Minnesota, New Hampshire, New York, Ohio, Vermont, West Virginia and Wisconsin

Counties: Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. New Hampshire: Carroll and Coos, Grafton. New York: Schuyler and Seneca. Ohio: Lawrence and Washington. Vermont: Addison, Bennington, Rutland, Windham and Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker and 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.

Corrected Narrative

States: Illinois, Indiana, Maine, Minnesota, Ohio, West Virginia and Wisconsin Counties: Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. Ohio: Lawrence and Washington. West Virginia: Barbour, Pocahontas, Randolph, Tucker and Webster. Wisconsin: Florence

Washington

Summer Employment and Education Opportunities for Youth (Multi-State)

This project creates leadership and learning opportunities for students in middle school to graduate school. Youth mentors will lead activities for underprivileged children and their families, introducing them to National Forests. University students will benefit from summer jobs in science related fields. Their work assisting with field studies in local forests and rivers will contribute valuable baseline information about the health of these resources. Activities and internship opportunities targeted at minority communities will expose these students to jobs in science related fields, where they are currently underrepresented, and encourage them to obtain further education in these areas.

Corrected Narrative

This project is creating leadership and learning opportunities for students in middle school to graduate school. During the summer, university student youth mentors lead activities for underprivileged children and their families, introducing them to National Forests, and gathering valuable baseline information about the health of these resources. Students are exposed to and encouraged to pursue education and jobs in science-related fields, where they are currently underrepresented. This project will continue through 2012.

Western States – Forests Adapting To and Mitigating Climate Change Effects

To help urban forests adapt and be resilient to a changing climate, we need to know their current health. Having a baseline of urban forest conditions will also provide early warning for insect and disease problems. This project uses the model of Forest Service Research's Forest Inventory and Analysis program to gather data on the condition of forests in populated areas in five western states.

Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of urban trees to carbon sequestration, water management within urban areas, and quality of life for urban residents.

Corrected Narrative

To help urban forests adapt and be resilient to a changing climate, we need to know their current health. In this project, baseline data on the condition of forests in populated areas are being gathered in five western states. Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of urban trees to carbon sequestration, water management within urban areas, and quality of life for urban residents. Work will continue through 2013, with a large amount of data gathering planned for 2011.

Pacific Northwest Research Station Road Maintenance

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.

Corrected Narrative

When the ARRA was enacted, road repairs were needed throughout the PNW Research Station's network of research laboratories and experimental forests to ensure safe access for personnel and the public. Associated erosion control activities were needed as well, to improve water quality and ecosystem integrity. This infrastructure and erosion control improvement project included a variety of improvements, like bridge replacement, grading and resurfacing roads, maintenance of parking areas, and correcting drainage issues. Work took place at the Corvallis

USDA Forest Service Recovery Act Project Errata

May 4, 2011

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. The project was completed in the fall of 2010.

Research on Restoring Critical Habitat for Listed Pacific Salmon

States: California and Oregon

Counties: California: Siskiyou. Oregon: Benton

Fisheries are critical economically, culturally, and ecologically to the Pacific Coast states. The Pacific Northwest Research Station has studied fish habitat for four decades. It recently initiated work to help public utility districts, land managers, planners, regulators, and others at federal, state and county levels make decisions on restoring salmon and trout habitat, anticipate climate change impacts, and provide clean water. This project will use partnerships among premier scientists and natural resource professionals in the Forest Service, University of Washington, Oregon State University, National Forests, Bureau of Land Management, and others. The scientific expertise and existing productive partnerships will provide successful completion of this project. Project components include: assessment of watersheds in southeast Alaska and interior Columbia basin vulnerable to climate change; identifying key places for habitat restoration; understanding climate change and fire effects on watershed and fish habitat; mapping fish habitat in southwest Oregon and northwest California for Siskiyou National Forest forest planning and riparian management, and developing a stream chemistry tool for establishing water quality regulations for timber harvest.

Corrected Narrative

States: California, Oregon, and Washington

Counties: California: Siskiyou. Oregon: Benton. Washington: Chelan

Partnerships among premier scientists and natural resource professionals from a variety of agencies and universities are being used in this project to address issues critical to the management of Pacific salmonids and their habitats. Project components include: assessment of watersheds in southeast Alaska and the interior Columbia basin that are vulnerable to climate change; identifying key places for habitat restoration; understanding climate change and fire effects on watershed and fish habitat; mapping fish habitat in southwest Oregon and northwest California, and developing a stream chemistry tool for establishing water quality regulations for timber harvest. This project will continue through 2012.

West Virginia

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

States: Illinois, Indiana, Maine, Minnesota, New Hampshire, New York, Ohio, Vermont, West Virginia and Wisconsin

Counties: Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. New Hampshire: Carroll and Coos, Grafton. New York: Schuyler and Seneca. Ohio: Lawrence and Washington. Vermont: Addison, Bennington, Rutland, Windham and Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker and 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.

Corrected Narrative

States: Illinois, Indiana, Maine, Minnesota, Ohio, West Virginia and Wisconsin **Counties:** Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. Ohio: Lawrence and Washington. West Virginia: Barbour, Pocahontas, Randolph, Tucker and Webster. Wisconsin: Florence

Wisconsin

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

States: Illinois, Indiana, Maine, Minnesota, New Hampshire, New York, Ohio, Vermont, West Virginia and Wisconsin

Counties: Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. New Hampshire: Carroll and Coos, Grafton. New York: Schuyler and Seneca. Ohio: Lawrence and Washington. Vermont: Addison, Bennington, Rutland, Windham and Windsor. West Virginia: Barbour, Pocahontas, Randolph, Tucker and 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.

Corrected Narrative

States: Illinois, Indiana, Maine, Minnesota, Ohio, West Virginia and Wisconsin **Counties:** Illinois: Will. Indiana: Jackson and Monroe. Maine: Oxford. Minnesota: Beltrami and Saint Louis. Ohio: Lawrence and Washington. West Virginia: Barbour, Pocahontas, Randolph, Tucker and Webster. Wisconsin: Florence