

**American Recovery and Reinvestment Act of 2009
Army Corps of Engineers - Civil Works
Investigations**

Primary State	Corps District	Project Name	Work Description - as of 5 January 10	Planned Allocation (\$)
AK	Alaska	Alaska Regional Ports, AK	Issue contract for State of Alaska Regional Harbor Development Study	240,000
AK	Alaska	Anchorage Harbor Deepening, AK	Award contract for hydraulic analysis and participation in ship simulation modeling.	150,000
AK	Alaska	Kenai River Bluff Erosion, AK	Award contract for design analysis to include wave hindcast and revetment design	300,000
AK	Alaska	Little Diomedede Harbor, AK	Award contract for economic analysis, environmental studies and geotechnical investigations	250,000
AK	Alaska	Matanuska River Watershed, AK	Issue contracts for airborne laser mapping surveys in conjunction with US Geologic Survey, wetlands mapping in conjunction with Fish and Wildlife Service, wetlands delineation assessment, and data gap analysis.	372,000
AZ	Los Angeles	Va Shly-Ay Akimel Salt River Restoration, AZ	Fully obligate incrementally funded Architect/Engineer contract to complete final Plans and Specifications and the Detailed Design Report for the first construction contract award on Phase 1 of the project.	645,000
CA	Los Angeles	Carpinteria Shoreline Study, CA	Fully funded Architect/Engineer contract to complete the draft Environmental Impact Statement associated with the Feasibility Report.	130,000
CA	Los Angeles	Coast of CA, South Coast Region (Los Angeles Co)	Complete Independent Technical Review and fund Architect Engineer contract to complete draft Final Report	162,258
CA	Los Angeles	Lower Mission Creek, CA	Fully fund Architect/Engineer contract to prepare plans and specifications for the construction on the lower half of project	600,000
CA	Los Angeles	Matilija Dam, CA	Award an option for the High Flow Bypass Facility Design.	250,000
CA	San Fransisco	Pajaro River, CA	Award contract to complete Draft Environmental Impact Statement associated with the General Reevaluation Feasibility Report.	92,933
CA	Sacramento	San Joaquin River Basin West Stanislaus, Orestimba, CA	Award contract for preparation of the Environmental Assessment for the alternatives and the recommended plan.	85,707
CO	Omaha	Chatfield, Cherry And Bear Creek, Reservoirs, CO	Fund remaining contract for completion of Reallocation Study and Environmental Impact Statement. Fund another contract for Independent Peer Review Management and panel for review of Reallocation Study and Environmental Impact Statement.	160,000
DC	Baltimore	Washington D.C. & Vicinity	Complete levee/closure design and document current environmental and economic information to allow a construction contract to be awarded early of FY 2010. The completed project will reduce the risk of flooding in the downtown Washington, DC area.	900,000

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FL	Jacksonville	Jacksonville Harbor, FL	Funding will allow the General Reevaluation phase of this project to continue without interruption. A major portion of the work including modeling, geotechnical investigations, and environmental surveys would be contracted out to private industry creating job opportunities. Ultimately this study for harbor improvements could justify a deeper Port, creating an avenue for Port expansion and ultimately more jobs in the area.	1,485,000
FL	Jacksonville	Mile Point, FL	Funding will allow the feasibility phase of this project to continue without interruption. A major portion of the work including external peer review, will be contracted out creating job opportunities. Ultimately this study for channel improvements could lead to a more efficient use of the harbor and more cargo transits.	144,832
FL	Jacksonville	Port Everglades Harbor, FL	Funding will allow the feasibility phase of this project to continue without interruption. A major portion of the work, the environmental survey update, will be contracted out creating job opportunities. Ultimately this study for harbor improvements could justify a deeper Port, creating an avenue for Port expansion and ultimately more jobs in the area.	135,212
FL	Jacksonville	St Johns County, FL	Funding will allow the feasibility phase of this project to continue without interruption. A major portion of the work, including resource surveys and a Draft Environmental Impact Statement, will be contracted out creating job opportunities. Ultimately this shore protection project stands to reduce storm damages while protecting upland structures and could potentially save lives.	189,000
IA	Rock Island	Cedar River Check Area, IA	FY 2010 funds will allow completion of feasibility study needed to facilitate recovery from FY 2008 Midwest Floods. Recovery is not able to proceed without Federal recommendations on flood risk management measures.	3,365,000
ID	Walla Walla	Boise River, Boise, ID	Award contract to conduct hydrologic analysis, and prepare floodplain mapping for the lower Boise River.	150,000
ID	Walla Walla	FPMS (SS Warm Springs Creek Vic of Challis, ID)	Award a contract to prepare topographic data for a future update to floodplain maps. Cluster County will use this information to aid in the reduction of flood risk.	25,000
IL	Chicago	Des Plaines River, IL (Phase II)	Award and complete Independent External Peer Review contract. Funds will be used to complete mandatory Independent External Peer Review for this large study. This will expedite completion of the study and review processes for this project, which will serve to reduce \$27M in average annual damages and the risks associated with flooding in the Chicago Metropolitan Area.	482,000
IL	Chicago	Illinois Shoreline Erosion	Funds will be used to complete Feasibility report, including awarding and completing the economic analysis contract, which will serve to reduce \$55M in average annual damages.	525,000

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IL	Buffalo	John Glenn Gr Lakes Basin Strat Plan,IL,IN,MI,MN,NY,OH,PA&WI	Issue a contract to expand the use of tools developed under the Great Lakes Habitat Initiative by updating the database and developing additional features to foster collaboration and identification of funding sources, and developing a system to track completed projects and their associated environmental benefits.	200,000
MA	New England	Blackstone River Watershed Restoration, MA & RI	Award a contract to perform sediment sampling and testing of accumulated material behind impoundments along the Blackstone River in Massachusetts.	150,000
MD	Baltimore	Chesapeake Bay Shoreline, Maryland Coastal Management, MD	Award contract to complete the Technical Guide to be used by state and local agencies to restore and protect the Chesapeake Bay shoreline infrastructure, resources, and aquatic ecosystem habitat.	60,000
MI	Detroit	Ecorse Creek, MI	Issue a contract to complete a general re-evaluation report to determine the feasibility of constructing a flood damage reduction project in Dearborn Heights, MI, to reduce damages associated with frequent flooding in an urbanized area.	1,569,000
MN	St. Paul	Red River Of The North Basin, MN, ND, SD, & Manitoba Canada	Funds will be used for a contract to collect airborne laser mapping Light Detection and Ranging data and develop a digital elevation model. The model will be used to plan water resource projects, including flood risk management and ecosystem restoration projects, and local development decisions.	278,000
MT	Omaha	Yellowstone River Corridor, MT	Award contracts for fishery study with MT Fishery Coop; economics study with Headwaters Economics; floodplain mapping in Sweetgrass County; hydrologic model for Tongue River Basin; and a website for public outreach.	435,000
NC	Wilmington	Bogue Banks, NC	Award two Architect/Engineer Contracts to complete coastal analysis and economics using Beach FX model, a comprehensive analytical framework for evaluating the physical performance and economic benefits and costs of shore-protection projects.	165,000
ND	St. Paul	Fargo, ND - Moorhead, MN Metro Study (Rrn Basin Auth)	Funds will be used for a contract to complete subsurface investigations and hydrologic for the Fargo, ND - Moorhead, MN metro area flood risk management study. Fargo is the largest city in North Dakota and is threatened from overland flooding from the Red River of the North.	222,000
NJ	Philadelphia	New Jersey Shoreline Alternative Long Term Nourishment, NJ	Funds will be used to prepare a regional/systems type study for the coast of New Jersey; develop a regional sediment budget and an improved understanding of regional coastal processes; and implement an efficient regional sediment management and monitoring program to reduce long term nourishment costs.	265,097

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NV	Sacramento	Truckee Meadows, NV	Award contract for geotechnical exploration data collection along the Truckee River and proposed areas for levee and ecosystem restoration for design of the proposed recommended plan.	629,758
NY	Buffalo	Buffalo River Environmental Dredging, NY	Funds would be used to accelerate progress on the Buffalo River Environmental Dredging Feasibility Study, through the use of Architect/Engineer contracts.	200,000
NY	New York	Jamaica Bay, NY	Award an External Peer Review (EPR) contract to an Architect/Engineer firm.	400,000
NY	Buffalo	Onondaga Lake, NY	Award and execute a modification to an existing contract to prepare a report summarizing the Onondaga Lake Progress Assessment and Actions strategy technical report in lay terms. The State of the Lake report will be made available to partners, other agencies and the public through electronic media.	74,500
NY	New York	South Shore Of Staten Island, NY	Complete the Feasibility Report including Environmental Impact Statement by March 2010. Award Task Orders for Main Report Preparations, Economics Appendix, Draft Environmental Impact Statement, and an Engineering Appendix. Subsequent to the completion of Feasibility Report, contract for various External Peer Review related tasks.	750,000
OH	Buffalo	Western Lake Erie Basin, OH, IN, & MI	Award Architect/Engineer contract to accelerate progress on the Blanchard River Flood Risk Management and Ecosystem Restoration Feasibility study.	262,000
OK	Tulsa	Oklahoma Comprehensive Water Plan, OK - PAS	Conduct analysis to refine water supply demands by municipal, industrial, agricultural sectors and comparing that to ground water and surface water sources by watershed area in the eastern portion of the state of Oklahoma.	500,000
OR	Portland	Amazon Creek, OR	Contract award to complete Feasibility Study and Programmatic EA. Completion of this phase will lead to design and construction of up to 18 ecosystem restoration projects along Amazon and Cedar Creeks within the cities of Eugene and Springfield.	438,000
OR	Portland	FPMS Floodplain Data	Award contract to survey and create bench marks at all long-term Crest Stage Gages within Portland District. This program captures peak flood information on rivers and is used to develop river simulation models or to help communities with flood planning. Funding will also complete all surveys within Portland District.	255,000
OR	Portland	Lower Columbia River Ecosystem Restoration, WA & OR	Contract work will use existing site information to evaluate successful shallow water habitat sites. Results of this effort will identify the optimal number of shallow water habitat sites for implementation that will support threatened and endangered salmon for 146 miles of the Lower Columbia River, from the mouth to Bonneville Dam.	150,000

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OR	Portland	PAS Nehalem Flood Model	Award contract to complete a Planning Report evaluating alternatives to alleviate flooding issues at the City of Vernonia, which suffered extensive losses during a Dec 2007 flood event. The report will aid in developing plans for flood damage reduction.	100,000
OR	Portland	Willamette River Environmental Dredging, OR	Award contract to complete study alternatives. Supports development of 35 ecosystem restoration projects on the Lower Willamette River mainstem, as well as tributaries.	615,000
PA	Philadelphia	Schuylkill River Basin, Wissahickon Creek Basin, PA	Award an Architect/Engineer contract to complete the Feasibility Study Scoping documentation. This documentation would include definition of the existing conditions, the without project conditions, and the site selection screening process to continue the Feasibility study of this critical urban watershed for ecosystem quality improvements.	293,703
PA	Pittsburgh	Upper Ohio Navigation Study, PA	Funds will be used to complete a study of three unreliable Lock and Dam projects with a high risk of unscheduled closures up to 1 year in duration. Estimated annual transportation savings from 2002-2007 were \$202 million.	490,000
TN	Nashville	South Cumberland Plateau Water Supply, TN (Planning Assistance to States)	Contract to evaluate water supply alternatives in 2 regions of Tennessee hit extremely hard by the 2007 drought. The regions are also home to numerous endangered aquatic species which can be harmed by some alternatives. The study is needed to balance human and ecological needs. It is being done in partnership with Tennessee Nature Conservancy, United States Geological Survey, University of Tennessee-Knoxville, Tennessee Association Utility Districts, Tennessee Department of Environment Conservancy	100,000
TX	Fort Worth	Dallas Floodway, Upper Trinity River Basin, TX	Award an Architect/Engineer contract to complete the Environmental Impact Statement for the Balance Vision Plan to reduce the risk of flooding, and improve public safety.	1,125,000
VA	Norfolk	AIWW Bridge At Deep Creek, VA	Funding will be used to award a task order under an Architect/Engineer contract; work to be performed would include: Update the roadway design to incorporate changes that have occurred over the past 8 years within the project foot print; complete design of Bridge, identify all Lands, Easements, Rights-of-Way and Relocations required due to project impacts, prepare construction plans and specifications, and move the project closer to the Ready to Advertise point.	879,000
VT	New England	Connecticut River Ecosystem Restoration CT, MA, NH, & VT	Award a contract to survey possible ecosystem restoration sites within the watershed.	50,000
WA	Seattle	Green River PAS 2009	Funds will be used to hire a contractor for 6 months to study adult salmon habitat on the Stillaguamish and Green Rivers and to complete a report.	42,000
WA	Seattle	PAS Hood Canal	Funds will be used to hire a contractor for 5 months to study marine organisms in the Hood Canal and to complete a report.	35,000

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WA	Seattle	PAS South Puget Sound	Funds will be used to hire a contractor for 5 months to monitor adult salmon habitat in the South Puget Sound and to complete a report.	75,000
WA	Seattle	Skagit River, WA	Award a contract to provide Architect/Engineer services to develop a scope of work and drilling plan for geotechnical investigations of the levee system along the Skagit River. Data results will be used in the Levee Failure Analysis.	308,000
XXX	ERDC	CFDC - A Coastal Field Data Collection	Award a contract for MORPHOS development of an engineering hurricane model (Coastal Modeling system)	1,050,000
XXX	HQ	Flood Plain Management Services Program	Award a contract for purchase/distribution of American Society of Flood Plain Managers publications.	20,000
XXX	Huntington	Navigation Investment Model(NIM) Certification (Ohio River Main Stem Systems Study)	Award a contract for Inland Navigation Investment Model documentation and certification.	350,000
XXX	Mississippi River Division	Planning Support Program	Award a contracts for certification of national planning models (Review of Regional Ecosystem Planning Models Harbor Sym)	800,000
XXX	Southwestern Division	Planning Support Program	Award a contracts for certification of national planning models (Review of Regional Ecosystem Planning Models Harbor Sym)	50,000
XXX	South Pacific Division	Planning Support Program	Award a contracts for certification of national planning models (Review of Regional Ecosystem Planning Models Harbor Sym)	150,000
XXX	HQ	Wise Use Of Floodplains Study (FEMA/MAP MOD Coordination)	Award a contract to produce a GIS-based database and analytic tool for characterizing relative flood risks at the national scale. The supporting work involves collecting, reconciling, and georeferencing available data to populate the database and then processing the data to produce flood risk characterizations. The resulting product will be a significant step forward in flood damage risk reduction through a better understanding of flood risks within the floodplain.	500,000