

Progress Report
May 2010

The Results and Benefits of American Recovery and Reinvestment Act (ARRA) projects in New England

Federal Aviation Administration
Airports Division New England Region





U.S. Department
of Transportation
**Federal Aviation
Administration**

Federal Aviation Administration
New England Region

12 New England Executive Park
Burlington, MA 01803

May 2010

Dear Members of the Airports Community,

I am pleased to present the enclosed report that documents the New England Region Airports Division's progress at the completion of its first year in response to the American Recovery and Reinvestment Act of 2009 (ARRA). The report provides project summaries of the airport renovations and improvements that were performed at New England region airports using appropriations allowed for by ARRA. The project summaries are presented in a standardized format consisting of a single page per project. Each summary includes key data gleaned from reports submitted by the funding recipients on FederalReporting.gov. The projects ranged from rehabilitating runways to constructing an Aircraft Rescue and Firefighting building. The period covered by this report is May 2009 to March 2010.

Sincerely,

A handwritten signature in cursive script that reads "LaVerne F. Reid".

LaVerne F. Reid
Manager, Airports Division

Acknowledgments

This report was prepared by the FAA New England Region Airports Division (ANE-600). John Sigona (Travis Associates, Inc.), ARRA Program Specialist supporting the Airports Division was the author of the report. Valuable input was provided by ANE-600 staff that managed or supported the ARRA projects and, in particular, by Donna Sorenson, ANE-7, who was detailed to ANE-600 and obtained pictures, comments, and other data for the original presentation. Valuable guidance in preparing the report was also provided by LaVerne Reid, Manager, Airports Division, ANE-600, and by Bryon Rakoff, Branch Manager, Planning and Programming, ANE-610.

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16. Abstract This document chronicles the appropriations allowed for by the American Recovery and Reinvestment Act (ARRA) of 2009, for airport renovations and improvements. The document profiles 22 New England Region Airports, covering Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont, that received funding. The projects ranged from rehabilitating runways to constructing an Aircraft Rescue and Firefighting building.			
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1.0 Purpose and Background

On Feb. 13, 2009, Congress passed the American Recovery and Reinvestment Act of 2009. The Recovery Act has three immediate goals:

- Create new jobs and save existing ones
- Spur economic activity and invest in long-term growth
- Foster unprecedented levels of accountability and transparency in government spending

The Recovery Act intends to achieve those goals by making \$275 billion available for federal contracts, grants and loans, in addition to providing funds in tax cuts and other benefits.

Of the \$275 billion available for federal contracts, grants and loans, \$1.1 billion was appropriated to the FAA for providing grants to airports, and of this \$275 billion, \$53 million was awarded in grants to qualifying airports in the FAA New England Region.

This report profiles 22 New England Region Airports, covering Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont, that received funding. The projects ranged from rehabilitating runways to constructing an Aircraft Rescue and Firefighting building.

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2.0 Summary of ARRA Grants to New England Airports

The following table shows the grants that were awarded to each of the New England states, the airports receiving the grants, the title of the project associated with the grant, and the classification of the project as an infrastructure (I) or safety-related (S) improvement.

The majority of the grants, 74%, involve infrastructure improvements, for example, reconstructing or rehabilitating runways or taxiways. The remainder of the grants, or 26%, addresses safety-related issues such as the purchase of an aircraft rescue and fire fighting vehicle.

A profile of each grant is provided in Section 3.

ARRA Grants by State

State and Airport (LocId)	Project Title	Infrastructure or Safety
Connecticut		
Bradley International (BDL)	Reconstruct, mark and light Runway 15-33	I
Danbury Municipal (DXR)	Obstruction Analysis, Phase 2	S
Maine		
Augusta State (AUG)	Construction of an Aircraft Rescue and Fire fighting Building	S
Dexter Regional (IBO)	Reconstruction of Runway 16-34 including 240' runway shift and safety area improvements	I
Hancock County-Bar Harbor (BHB)	Construction of an Aircraft Rescue and Fire Fighting Facility	S
Northern Maine Regional Airport at Presque Isle (PQI)	Extend, Mark, Light and Sign Taxiway A	I
Portland International Jetport (PVM)	Rehabilitate Apron	I
Massachusetts		
Barnes Municipal (BAF)	Runway 2-20 Pavement Repairs and Runway Markings	I
Beverly Municipal (BVY)	Reconstruction of Taxiway F	I
Gardner Municipal (GDM)	Replace Hazard Beacons (3) and Airport Rotating Beacon	S
General Edward Lawrence Logan International (BOS)	1. Install In-pavement Centerline Lights on Taxiway A 2. Reconstruct, Mark & Light Runway 27	S I
Laurence G Hanscom Field (BED)	Rehabilitate Taxiway M and G	I
Lawrence Municipal (LWM)	Runway 5-23 Pavement Repairs and Runway Markings	I
Orange Municipal (ORE)	Runway 1-19 Pavement Repairs and Runway Markings	I
New Hampshire		
Boire Field (ASH)	Rehabilitate the Aircraft Parking Apron	I
Dillant-Hopkins (EEN)	Rehabilitate the Terminal Apron	I
Laconia Municipal (LCI)	Rehabilitate the Aircraft Parking Apron	I
Manchester (MHT)	Purchase of a 3,000 gallon Aircraft Rescue & Fire Fighting (ARFF) Vehicle	S
Rhode Island		
Newport State (UUU)	Reconstruct, Mark and Light Runway 16-34	I
Quonset State (OQU)	Reconstruct, Mark and Light Taxiway A (North) and Taxiway N	I
Vermont		
Burlington International (BTV)	Reconstruction of Taxiway C & G intersection; Extend Taxiway G south to Taxiway J	I
Edward F Knapp State (MPV)	Construct Parallel Taxiway; Runway 5-23 Reconfiguration; and, Terminal Area Apron Improvements	I

Figure 1 shows the total ARRA grant funds received by each of the New England states. MA (Massachusetts) is separated into two components as follows:

- 1) MA-1 represents the Massport airports share (i.e., BOS, BED)
- 2) MA-2 represents the non-Massport airports.

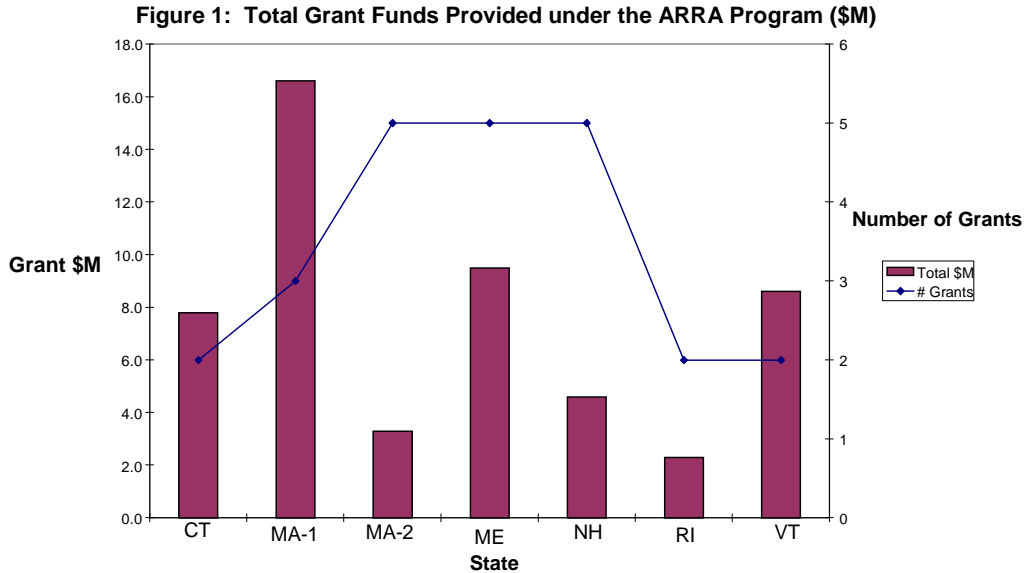


Figure 2 displays the ARRA grants by Airport Type that were awarded to the New England airports. The Figure shows that one large hub airport (BOS) received approximately \$15M of the total amount (\$53M) of grant funds available. Four medium/small hubs received approximately \$13M, four non-hub airports received approximately \$6M, and 13 GA/reliever airports received the remaining \$19M.

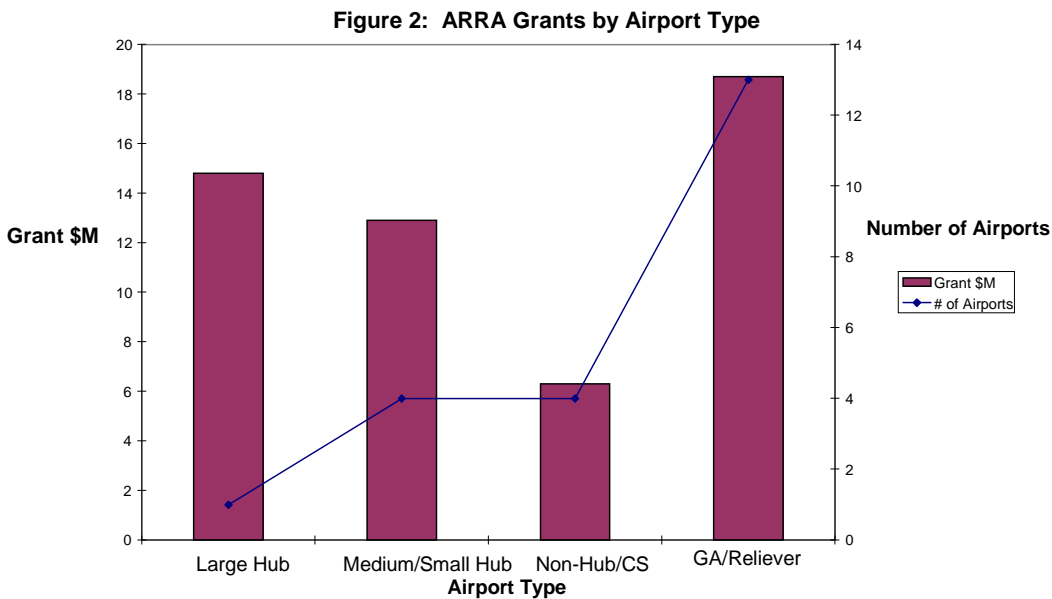
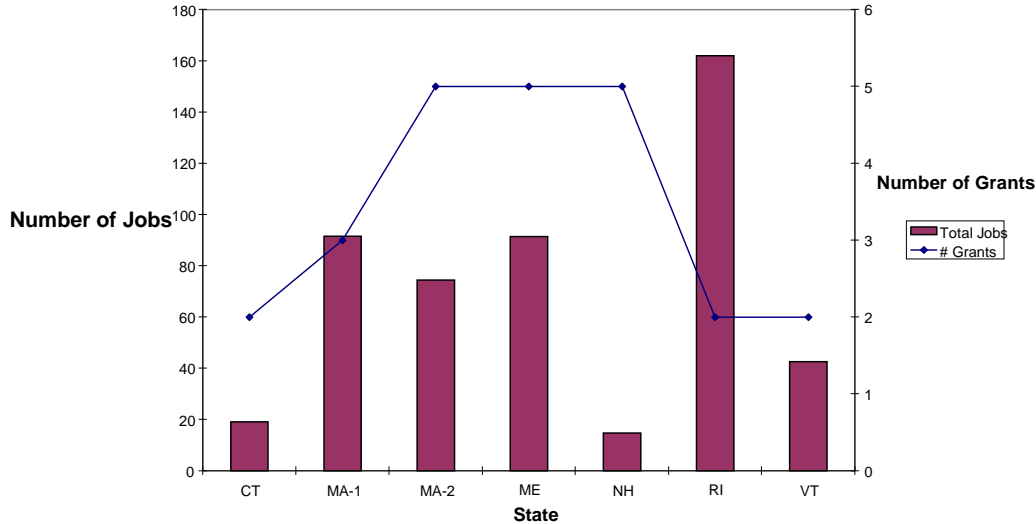


Figure 3 below shows the number of jobs created or retained as a result of the ARRA grants provided to airports in the New England region. As in Figure 1, MA is separated into MA-1 (composed of the two Massport airports – BOS, BED) and MA-2 (the non-Massport airports).

Figure 3: Number of Jobs Created or Retained under the ARRA Grant Program



Source: The Number of Jobs Created or Retained was compiled using data entered quarterly by the award recipient on FederalReporting.gov.

Figure 4 below shows that by the end of the 12-month period beginning with the inception of the ARRA program in May 2009, approximately 77% of the \$52.9 million in ARRA funding was disbursed to the grant recipients.

Figure 4: ARRA Expenditures: May 2009 - Apr 2010

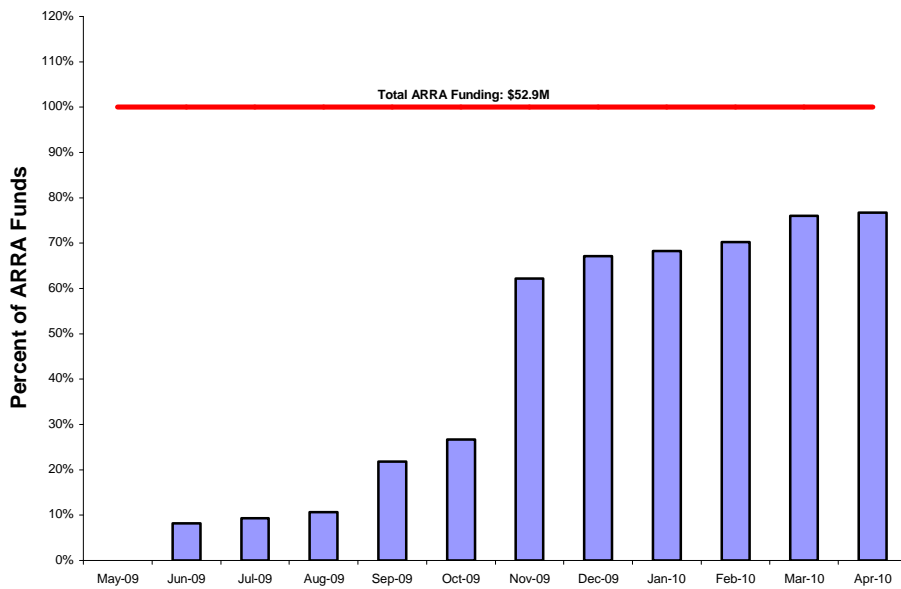
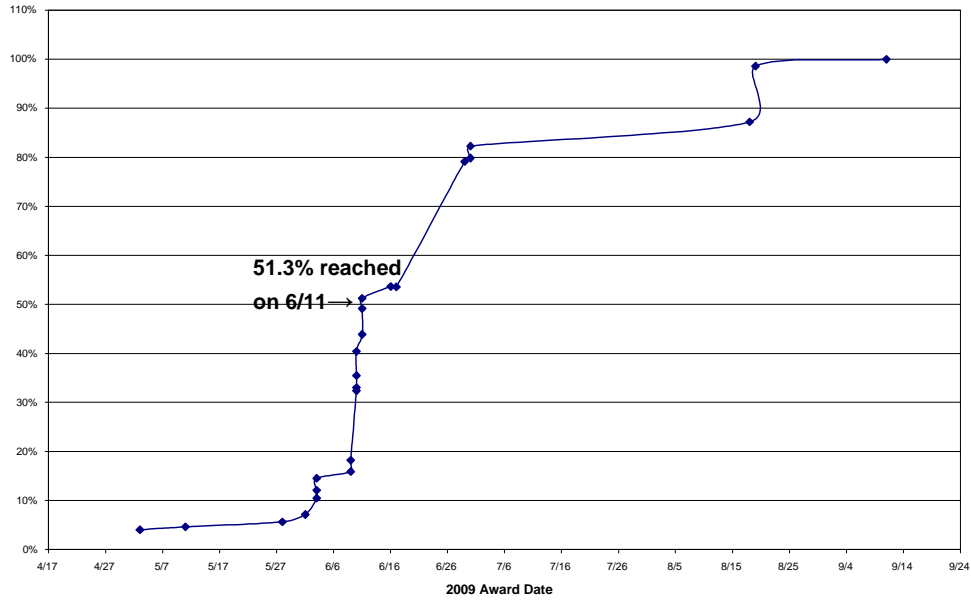


Figure 5 below shows that 51.3% of the total ARRA funding of \$52.9M was awarded by June 11, 2009, which was within the required milestone date of June 17,2009, for economic recovery projects.

Figure 5: Cumulative Percentage of Total ARRA Funding



See Appendix 2 for additional information on the data used to create the figures shown in this section.



3.0 Grant Profiles by State

This section provides a profile of each of the grants awarded under ARRA to the New England Region airports. Each profile is standard in format and provides key information about the award grant. The profiles also include an aerial photo of the airport and a photo of the completed project product.


The sources for the data included on the profiles are as follows:

Data Item	Source
Airport Role	Federal Aviation Administration, <i>Report to Congress, National Plan of Integrated Airport Services (NPIAS) 2009-2013</i>
Annual Operations	National Flight Data Center (NFDC) – Airport Facilities Data (effective: 4/8/2010)
Annual Enplanements	CY08 Air Carrier Activity Information System (ACAIS)
Based Aircraft	NFDC – Airport Facilities Data (effective: 4/8/2010)
Number of Jobs Created/Retained	Compiled using the data entered quarterly by the ARRA award recipient on FederalReporting.gov


Connecticut

Airport Name: Bradley International (BDL)	
Award Number: 3-09-0022-049-2009	
Award Date: 6/10/2009	
Award Amount: \$7,491,409	
Airport Role: Commercial Service - Primary	
Annual Operations: 111,036 Annual Enplanements: 3,006,362	
Based Aircraft: 67	
Project Title: Reconstruct, mark and light Runway 15-33	
Project Description:	
<p>The project limits includes the reconstruction of the 6,847-foot long Runway 15-33 and all intersecting runways and taxiways to a distance of 252 to 282-feet from the Runway 15-33 centerline. Runway 15-33 is 150-foot wide with 25-foot shoulders on each side. Pavement reconstruction includes the milling of approximately four inches of the existing runway and resurfacing with approximately four inches of FAA P-401 Bituminous Surface Course to approximately the same elevation as the existing pavement. New pavement markings will be provided in accordance with the guidelines. Electrical work includes: the replacement of all series lighting primary (5KV) wiring within the conduits that serve the runway edge lights and runway end lights. New isolation transformers shall also be provided for the aforementioned systems. Elevated runway edge lights will be removed to accommodate the re-wiring and reinstalled after completion of pavement and grooving operations. The existing FAA approach lights in the overrun areas at each end of the runway shall be protected in place and not impacted. Also spare conduit duct banks crossing the runway will be installed at locations specified in the contract plans. Sign faces within the project limits associated with Runway 15-33 will be replaced. All remaining Distance to Go modules and signs will be replaced on top of existing bases. Grading work will be limited to the area adjacent to the shoulders in order to provide the FAA required 1 ½ -inch lip between the lawn area and the edge of shoulder and maintain positive drainage away from the runway.</p>	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description	
<ol style="list-style-type: none"> 1. Jacobs Engineering Group Inc - Engineering Design and design services during construction 2. Tilcon Connecticut Inc. - General Contractor 	
Number of Jobs Created/Retained: 7.15	
Description of Jobs: The jobs retained on this project include Engineering design, construction, and construction inspection.	
Benefit(s):	
The completion of this runway project with 100% federal funds significantly improved the Airport infrastructure without fiscal impacts to the airlines.	
	

Connecticut

Airport Name: Danbury Municipal (DXR)	
Award Number: 3-09-0006-032-2009	
Award Date: 06/10/2009	
Award Amount: \$350,000	
Airport Role: Reliever Airport	
Annual Operations: 83419 Annual Enplanements: 22	
Based Aircraft: 265	
Project Title: Obstruction Analysis, Phase 2	
Project Description: The objective of this project is to analyze the approach to Runway 26 to determine the location of obstructions in the approach and recommend an action plan. The project will also analyze the approach to Runway 8 for the possibility of implementing an LPV procedure. A review of all current leases will also be included which will provide the City with recommendations for revisions to the leases and will determine the fair value of the leases. In addition, the project will prepare releases for three parcels on airport property to bring the airport into compliance with Part 139 standards. The Exhibit A property map and the Airport Layout Plan will also be updated to reflect the determination of revisions to the two approaches and will include the release of airport property.	
Project Status: Completed 50% or more.	Expected Completion Date: June 2010
Vendor Information: Name-Product and Service Description Hoyle Tanner & Associates -Professional services including field survey; obstruction analysis	
Number of Jobs Created/Retained: 12	
Description of Jobs: Photogrammetrists, aviation planners, project manager, wildlife biologist, appraiser	
Benefit(s): An action plan will be developed that will increase the safety of take-offs and landings.	
Photo: N/A – Analysis Only	

Maine

Airport Name: Augusta State (AUG)	
Award Number: 3-23-0003-021-2009	
Award Date: 06/09/2009	
Award Amount: \$735,000	
Airport Role: Commercial Service – Non-Primary	
Annual Operations: 33,800 Annual Enplanements: 3,554	
Based Aircraft: 27	

Project Title: Construction of an Aircraft Rescue and Fire fighting Building

Project Description:

Augusta State airport proposes to construct an addition to the existing terminal building, approximately 1800 SF, to be used for Aircraft Rescue and Fire Fighting Equipment and to make modifications to the existing terminal building to address space requirements for the Department of Homeland Security, Transportation Security Administration (TSA) screening and sterile areas. Augusta State airport also proposes to install Enhanced Taxiway Centerline Markings and Surface Painted Holding Position Markings on the airfield in compliance with Part 139 requirements.

Project Status: Substantially Completed

Expected Completion Date: N/A

Vendor Information: Name-Product and Service Description

1. The Sheridan Corporation - aircraft rescue and firefighting building
2. Stantec Consulting Services Inc - aircraft rescue and firefighting building
3. City of Augusta - aircraft rescue and firefighting building

Number of Jobs Created/Retained: 4.68

Description of Jobs: Building construction and trades, inspection, consulting and architectural services.



Benefit(s):

“The construction of the Aircraft Rescue and Fire Fighting Equipment building has been a huge safety benefit to the airport because it allows improved response time to any incident on the airport by having the equipment and personnel located at the airport. This has shown to be a benefit to the public as well at the restaurant that is located at the airport. There was an incident at the restaurant and because of the medics that are now on site, someone was able to respond immediately.”



- Stacie Haskell, Air Transportation Program Administrator





Maine

Airport Name: Dexter Regional (1B0)	
Award Number: 3-23-0016-006-2009	
Award Date: 06/11/2009	
Award Amount: \$2,785,000	
Airport Role: General Aviation Airport	
Annual Operations: 6,960 Annual Enplanements: 2	
Based Aircraft: 22	
Project Title: Reconstruction of Runway 16-34 (3,008' x 75'), including 240' runway shift and safety area improvements	
<p>Project Description: The purpose of this grant is to reconstruct Runway 16-34 and the Runway Safety Areas. The following summarizes the proposed improvements to be constructed under this grant:</p> <ul style="list-style-type: none"> • Reconstruct Runway 16-34 raising the profile grades to provide adequate line-of-sight • Shift the runway approximately 240' to the northwest to provide standard runway safety areas • Replace existing low intensity runway and taxiway edge lighting with a new medium intensity edge lighting system • Replace rotating beacon and rehabilitate existing beacon tower • Replace the wind cone and segmented circle • Install a new signage and pavement markings • Replace catch basins and storm drains as needed • Install a new perimeter underdrain system • Reconstruct Taxiway 'A' increasing its width from 20' to 25' 	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description	
Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 48	
Description of Jobs: Construction, engineering, design	
<p>Benefit(s): "The airport project will enable the Dexter Regional Airport to function as a true regional resource in ways that we have looked forward to for years."</p> <p style="text-align: right;">– Dave Pearson, Town Manager</p>	
	



Maine

Airport Name: Hancock County-Bar Harbor (BHB)	
Award Number: 3-23-0006-027-2009	
Award Date: 06/10/2009	
Award Amount: \$1,278,123	
Airport Role: Commercial Service – Primary	
Annual Operations: 33,965 Annual Enplanements: 10,562	
Based Aircraft: 45	
Project Title: Construction of an Aircraft Rescue and Fire Fighting Facility	
<p>Project Description: The primary responsibility and objective of an Aircraft Rescue and Fire Fighting (ARFF) facility is to provide a timely response, protect life and property, and minimize the effects of an aircraft accident, incident, or catastrophic event occurring primarily on airport property. The new facility will provide space for ARFF personnel, vehicle, equipment, and their related functions as prescribed by FAR 139.317 for certification.</p>	
Project Status: Fully Completed	Expected Completion Date: N/A
<p>Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov</p>	
Number of Jobs Created/Retained: 3	
Description of Jobs: construction supervisor, excavator, plumber, electrician, framer, drywaller	
<p>Benefit(s): The new facility will provide adequate space for ARFF personnel, vehicle, equipment, and their related functions as prescribed by FAR 139.317 for certification. This benefits both the airport and the traveling public.</p>	
	



Maine

Airport Name: Northern Maine Regional Airport at Presque Isle (PQI)	
Award Number: 3-23-0039-028-2009	
Award Date: 06/10/2009	
Award Amount: \$2,614,505	
Airport Role: Commercial Service – Primary	
Annual Operations: 4,344 Annual Enplanements: 13,385	
Based Aircraft: 24	
Project Title: Extend, Mark, Light and Sign Taxiway A (apron 1,900 L.F.)	
Project Description: <p>The project consists of constructing the extension of Taxiway A from Runway 10-28 to the Runway 1 end (approximately 1,900 feet by 50 feet.) The work includes excavation and embankment for the proposed portion of Taxiway A. The work also includes full depth taxiway pavement construction, consisting of on site sub-base material (obtained from the reclamation of abandoned pavement), crushed aggregate base course and bituminous concrete surface course. The work also includes drainage improvements/modifications, topsoil and seeding, new taxiway edge lighting, signage and pavement markings. This project will result in a full length parallel Taxiway to the main Runway (1-19).</p>	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 26.65	
Description of Jobs: Construction, Engineering Design, etc.	
Benefit(s): The anticipated benefits are as follows: <ol style="list-style-type: none"> 1. A full length parallel Taxiway to the main Runway 1-19. 2. Elimination of the need to back taxi on the runway for departures on Runway 1. 3. Relocation of the Runway 1 Glide Slope. 4. A reduction in overall impervious area. 5. Improved drainage as a result of grading and drainage. 	
	



Maine

Airport Name: Portland International Jetport (PWM)	
Award Number: 3-23-0038-066-2009	
Award Date: 05/03/2009	
Award Amount: \$2,138,016	
Airport Role: Commercial Service – Primary	
Annual Operations: 48,982 Annual Enplanements: 876,102	
Based Aircraft: 55	
Project Title: Construct Terminal Apron Phase I and Deicing Capture Project	
Project Description: The project includes the removal of bituminous pavement and installation of an 115,000 square foot concrete pad and trench drain for aircraft deicing fluid capture.	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 9.06	
Description of Jobs: Construction - earth moving heavy equipment operators. These employees would have been laid off by the construction company if they had not received this work.	
Benefit(s): To provide a safe surface for arriving and departing aircraft and to construct the first phase of a facility to capture used deicing fluid. This has helped save jobs and also is an investment in transportation (air travel) and will help to protect the environment by capturing used de-icing fluid and making it available for recycling.	
	



Massachusetts

Airport Name: Barnes Municipal (BAF)	
Award Number: 3-25-0052-030-2009	
Award Date: 06/30/2009	
Award Amount: \$1,303,000	
Airport Role: General Aviation Airport	
Annual Operations: 62,185 Annual Enplanements: 419	
Based Aircraft: 154	
Project Title: Runway 2-20 Pavement Repairs and Runway Markings	
Project Description: <p>This project is to repair pavement and pavement cracks on Runway 2-20 and a small portion of Taxiway 'S', re-groove sections of Runway 2-20 where pavement is replaced, and remark Runway 2-20 at Westfield – Barnes Airport. In areas of Runway 2-20 where new pavement is placed as part of the repairs, the new pavement will be grooved to match the existing Runway 2-20 pavement. After completion of the repairs, Runway 2-20 will be remarked to match the existing pavement markings.</p>	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description <ol style="list-style-type: none"> 1. Gale Associates, Inc. – Engineering 2. Sealcoating, Inc. - Construction Contractor 	
Number of Jobs Created/Retained: 22.82	
Description of Jobs: <p>The jobs created are construction and engineering jobs. The Recovery Act funds have had a positive impact on employment in the project area.</p>	
Benefit(s): <p>“The overall benefit of the runway project was maintaining the integrity of a runway that was deteriorating and causing unsafe conditions on the runway surface. The new crack repair has added 5 years of life and will allow the Military and larger corporate aircraft to operate until we can secure funding for a new runway sometime in the FY2015 timeframe. We currently have two large maintenance facilities and 2 FBO’s that attract a lot of business and the larger runway is key to them being able to sustain their businesses ops temporarily especially in this economy. The airport is grateful for the ARRA funding as we would have had to wait another year or two for the repairs and it would have had a significant impact on the Air National Guard’s mission readiness and business opportunities.”</p> <p style="text-align: right;">-Brian P. Barnes, Airport Manager, Westfield-Barnes Municipal Airport</p>	
	



Massachusetts

Airport Name: Beverly Municipal (BVY)	
Award Number: 3-25-0006-029-2009	
Award Date: 06/01/2009	
Award Amount: \$796,049	
Airport Role: Reliever Airport	
Annual Operations: 68,000 Annual Enplanements: 102	
Based Aircraft: 112	
Project Title: Reconstruction of Taxiway F	
Project Description: Taxiway F existing pavement is more than 20 years old and exhibits pavement distress in the form of transverse, longitudinal, and alligator cracking throughout its full length and width. This pavement is beyond any temporary repairs to keep it operational and needs to be totally reconstructed. This project involves the reconstruction of the Taxiway full length and shortened width (2,100' long x 35' wide); installation of new edge light system; topsoiling and seeding; and electrical vault work.	
Project Status: Fully Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 10	
Description of Jobs: Construction	
Benefit(s): "This project benefits the airport users by eliminating the possibility of FOD (Foreign Object Damage) to aircraft. Taxiway F was severely cracked and FOD was always a concern." <div style="text-align: right; margin-top: 10px;">- Craig A. Schuster, Project Engineer</div>	
	

Massachusetts

Airport Name: Gardner Municipal (GDM)	
Award Number: 3-25-0020-012-2009	
Award Date: 06/30/2009	
Award Amount: \$355,000	
Airport Role: General Aviation Airport	
Annual Operations: 5265 Annual Enplanements: 0	
Based Aircraft: 23	
Project Title: Replace Hazard Beacons (3) and Airport Rotating Beacon	
Project Description: The work generally consists of the removal and replacement of three (3) hazard beacons with new poles and the installation of a new Airport rotating beacon. Two (2) of the three (3) hazard beacons are currently inoperable. The work includes but is not limited to: removal of the existing beacons, removal of existing service poles (if required), removal of the existing overhead electrical service lines, clearing of the easement area(s); installation of new hazard beacon poles; installation of new hazard beacons; replacement of service poles (if required), new electrical service, new overhead secondary service lines (work by Templeton Municipal Light and Water), coordination of work by Templeton Municipal Light and Water; installation of a tip-down pole for the rotating beacon, concrete foundation for the tip-down pole, installation of a new rotating beacon, restoration; testing; and additional work as is required and described in the Contract Documents.	
Project Status: Less than 50% completed	Expected Completion Date: June 2010
Vendor Information: Name-Product and Service Description <ol style="list-style-type: none"> 1. Bay State Piping, Inc. - Construction – Electrical 2. Gale Associates, Inc. - Engineering 3. GHD Consulting – Engineering 	
Number of Jobs Created/Retained: 2.88	
Description of Jobs: The jobs created or saved to date are engineering jobs. These jobs have had a positive impact on employment in the region.	
Benefit(s): “Replacing the rotating beacon will increase safety by better identifying the Airport location in relation to that of the surrounding hills identified by the obstruction beacons.” <div style="text-align: right; margin-top: 5px;">- Brian L. Smith, Project Engineer, Gale Associates, Inc.</div>	
	



Massachusetts

Airport Name: General Edward Lawrence Logan International (BOS)	
Award Number: 3-25-0010-099-2009	
Award Date: 06/16/2009	
Award Amount: \$1,261,095	
Airport Role: Commercial Service – Primary	
Annual Operations: 399,537 Annual Enplanements: 12,820,489	
Based Aircraft: 0	
Project Title: Install In-pavement Centerline Lights on Taxiway A	
Project Description: Massport is installing centerline lights on Taxiway A which is located adjacent to the terminals. These lights will provide distinctive separation between the taxiway and the adjacent vehicle service road, especially at night and in low visibility conditions. The centerline lights will be installed every 100 feet along the length of Taxiway A which is approximately 5500 feet long. Centerline lights will also be installed where Taxiways L, N, C and K intersect with Taxiway A to facilitate aircraft movements. The work includes the installation of new in-pavement light bases, light fixtures, isolation transformers, conduit, and cable; and related work in the airfield lighting vault.	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 15.93	
Description of Jobs: This stimulus program preserved jobs in the engineering and construction industry. Jobs preserved include engineering designers and construction inspectors. Heavy construction jobs preserved and/or created include: Laborers, Operators, and Electricians.	
Benefit(s): “The centerline lights will enhance safety because of improved guidance by providing distinctive separation between Taxiway A and the contiguous vehicle service road, especially at night and in low visibility (e.g. fog, rain, snow) conditions.”	
-Julie Nikoras, Manager of Capital Programs & Environmental Affairs Administration	
	


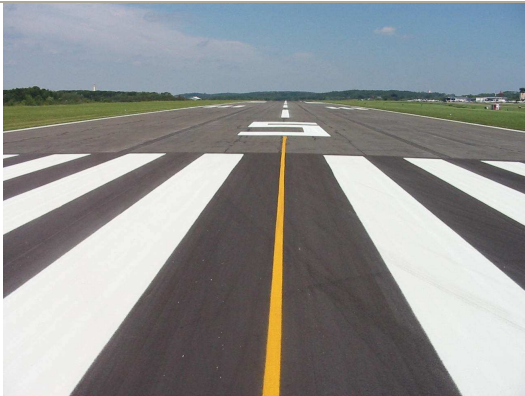
Massachusetts

Airport Name: General Edward Lawrence Logan International (BOS)	
Award Number: 3-25-0010-097-2009	
Award Date: 06/29/2009	
Award Amount: \$13,498,547	
Airport Role: Commercial Service – Primary	
Annual Operations: 399,537 Annual Enplanements: 12,820,489	
Based Aircraft: 0	
Project Title: Reconstruct, Mark & Light Runway 9-27	
Project Description: <p>This project will replace deteriorated asphalt pavement on Runway 9-27, Taxiways D1 and D2, and a portion of Taxiway Delta. These pavements were last rehabilitated in 1993 and 2003, and are exhibiting cracking, rutting and signs of fatigue. The average Pavement Condition Index (PCI) for Runway 9-27, based on Applied Research Associates' Airport Pavement Management System, is 71, which is below the minimum runway PCI standard of 80 established by Massport. Rehabilitation of this pavement will improve the surface condition, ride smoothness, and drainage characteristics. The new pavement will utilize warm mix asphalt technology and recycled asphalt for environmental and sustainability advantages.</p>	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 61.29	
Description of Jobs: This stimulus program preserved jobs in the engineering and construction industry. Jobs preserved include engineering designers and construction inspectors. Heavy construction jobs preserved and/or created include: Laborers, Operators, Electricians, and Teamsters.	
Benefit(s): <p style="text-align: center;">“The new pavement will utilize warm mix asphalt technology and recycled asphalt for environmental and sustainability advantages.” -Julie Nikoras, Manager of Capital Programs & Environmental Affairs Administration</p>	
<div style="display: flex; align-items: center;">  <div style="margin-left: 10px; font-size: small;"> <p>Runway #9 - #27 Rehab Logan International Airport M.P.A. Contract L582-C1 J.F. White Contracting Co. Abbott-Boyle, Inc. Photographers November 16, 2009</p> </div> </div>	



Massachusetts

Airport Name: Laurence G Hanscom Field (BED)	
Award Number: 3-25-0003-029-2009	
Award Date: 06/11/2009	
Award Amount: \$1,838,611	
Airport Role: Commercial Service – Primary	
Annual Operations: 149,686 Annual Enplanements: 8,385	
Based Aircraft: 389	
Project Title: Rehabilitate Taxiway M and G	
Project Description: The project will rehabilitate Taxiway M (2,200 LF) and Taxiway G (1,000 LF). Each of these pavements is included in the FY 09-13 Capital Program. The pavements have reached their useful life and require extensive maintenance to remain serviceable. The project will restore the integrity of these pavements while improving drainage characteristics and eliminating existing FOD issues. The project also includes drainage improvements to the infield area adjacent to Taxiway G. This work will eliminate poor surface drainage which currently encroaches on Taxiway G during severe storm events.	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 14.27	
Description of Jobs: This stimulus program preserved jobs in the engineering and construction industry. Jobs preserved include engineering designers and construction inspectors. Heavy construction jobs preserved and/or created include: Laborers, Operators, and Truck Drivers.	
Benefit(s): With these funds, we will enhance safety by repainting all the Taxiway centerlines with a black background. The project will restore the integrity of these pavements while improving drainage characteristics and eliminating existing FOD issues. <p style="text-align: right;">-Julie Nikoras, Manager of Capital Programs & Environmental Affairs Administration</p>	
	



Massachusetts

Airport Name: Lawrence Municipal (LWM)	
Award Number: 3-25-0026-029-2009	
Award Date: 05/28/2009	
Award Amount: \$537,765	
Airport Role: Reliever Airport	
Annual Operations: 85,000 Annual Enplanements: 34	
Based Aircraft: 212	
Project Title: Runway 5-23 Pavement Repairs and Runway Markings	
Project Description: To repair cracks and repaint existing runway markings within Runway 5-23. The pavement crack repair will include: pavement cracks with widths less than 1" will be repaired using a fiber reinforced elastomeric crack seal material; pavement cracks with widths 1" and greater will have the existing pavement removed to a width of 16" to 20" and repaved with bituminous concrete pavement. Repainting of existing runway markings will include: runway numerals, runway centerline, runway edge, runway hold, and taxiway lead-in lines.	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 8.78	
Description of Jobs: Construction, Engineering, Design	
Benefit(s): "The project's benefit to the airport and the public in general, is that a serious safety hazard was remedied. The airport itself would not have been able to pay for the project. And, in these difficult economic times, it was questionable whether or not the airport could have funded its local share of the project if it was undertaken as an AIP project. The ARRA funding allowed us to correct a problem that potentially could have lead to the loss of a life, and most certainly would have lead to damage to an aircraft." <div style="text-align: right; margin-top: 10px;">-Michael Miller, Esq., Lawrence Municipal Airport Manager</div>	
	



Massachusetts

Airport Name: Orange Municipal (ORE)	
Award Number: 3-25-0039-017-2009	
Award Date: 05/11/2009	
Award Amount: \$324,883	
Airport Role: General Aviation Airport	
Annual Operations: 43,014 Annual Enplanements: 2	
Based Aircraft: 50	
Project Title: Runway 1-19 Pavement Repairs and Runway Markings	
Project Description: To rehabilitate the Runway 1-19 pavement surface in order to extend its useful service life and to remark the runway for the safe operation of aircraft. Work includes repair of large cracks, sealing of smaller cracks, and repainting of the runway.	
Project Status: Fully Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 30	
Description of Jobs: This project allowed the airports engineering consultants to provide jobs to their junior engineer (1) who drafted the plans, their senior designer (1) who designed the project, project manager (1) who managed the project and their resident engineer (1) who performed field observation. The contractor provided jobs to several laborers (4), operators (3), office and plant staff (2), plus a project manager (1) and superintendent (1).	
Benefit(s): The project improves safety and the usable service life of Runway 1-19 at Orange Municipal Airport. The runway was in poor condition with cracks in excess of 4" wide. The pavement was over 20 years old and the Airport did not have the funding to repair the landing surface. By repairing the pavement surface, this project should extend the useful life of the runway to the intended 20-year design life.	
	



New Hampshire

Airport Name: Boire Field (ASH)	
Award Number: SBG-12-03-2009	
Award Date: 06/03/2009	
Award Amount: \$1,753,000	
Airport Role: Reliever Airport	
Annual Operations: 104,000 Annual Enplanements: 48	
Based Aircraft: 374	
Project Title: Rehabilitate the Aircraft Parking Apron	
Project Description:	
<p>The Nashua Airport Authority received funding under the ARRA program to rebuild the aircraft parking apron that is in front of the control tower. This apron was in excess of 35 years old and was in need of repair. This apron is utilized by Daniel Webster College and transient aircraft parking.</p> <p>New hangar construction adjacent to this apron placed increased emphasis on reconstruction to allow jet aircraft to taxi across the apron to be parked in the hangars. Due to the deterioration of the underground drainage the next sink hole could occur at any time and could jeopardize the ability to hangar jet aircraft thereby reducing the income to the airport. Additionally, a new airfield lighting control system will replace the outdated and non-supportable system currently in use. Area lighting will add to the safety and security of the students returning after dark during their night flying.</p>	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description	
<ol style="list-style-type: none"> 1. Black Rock Paving, Inc. 2. Continental Paving, Inc. 3. Gale Associates, Inc. 4. Moulison North Corp. 	
Number of Jobs Created/Retained: 6.8 (estimated)	
Description of Jobs:	
Construction, Engineering Design, administrative staff, CADD technicians, construction/power equipment operators, general laborers, truck drivers, environmental scientists, surveyors, material testing technicians, and geotechnical engineers.	
Benefit(s):	
<p>“By moving this project up six years, it added value to the airport and will provide a safe and secure parking apron for the major user of the airport.”</p> <p style="text-align: right;">-Carol L. Niewola, Project Engineer, Senior Aviation Planner NHDOT/Bureau of Aeronautics</p>	
	



New Hampshire

Airport Name: Dillant-Hopkins (EEN)	
Award Number: SBG-08-06-2009	
Award Date: 06/03/2009	
Award Amount: \$1,298,500	
Airport Role: General Aviation Airport	
Annual Operations: 49,027 Annual Enplanements: 45	
Based Aircraft: 77	
Project Title: Reconstruct, Mark, and Light Terminal Apron (Approx. 400 LF x 350 LF)	
Project Description:	
<p>The project will include the reconstruction of the Terminal Apron as well as construction of improvements to the existing drainage system associated with the apron at Dillant-Hopkins Airport (EEN). The existing apron pavement is approximately 40 years old and in need of rehabilitation. This project will recycle the existing pavement and base course material to create a reclaimed base course which will then be repaved with bituminous concrete pavement. Also included with the project are the following: construct temporary taxiway, install aircraft tie-downs, install electrical service stanchions, replace existing drainage infrastructure, apply bituminous concrete sealant, and apply appropriate pavement markings.</p>	
Project Status: Completed 50% or more	Expected Completion Date: June 2010
Vendor Information: Name-Product and Service Description	
<ol style="list-style-type: none"> 1. Gale Associates, Inc. 2. Moulison North Corp. 3. Park Construction Corp. 4. Pike Industries – paving operations 	
Number of Jobs Created/Retained: 4.9 (estimated)	
Description of Jobs:	
<p>Construction, Engineering Design, administrative staff, CADD technicians, construction/power equipment operators, general laborers, truck drivers, environmental scientists, surveyors, material testing technicians, and geotechnical engineers.</p>	
Benefit(s):	
<p>“The Terminal Apron Reconstruction benefits include:</p> <ul style="list-style-type: none"> • Improvements to the airport infrastructure resulting in improved safety for those using the airport. • With the apron improvements we are better able to provide a positive and welcoming entryway to our community. • The project has also provided a much needed economic boost. Although, the prime contractor is from the local region, many of the sub-contractors are from other parts of the New Hampshire and even from out-of-state. The additional revenue resulting from this project has allowed companies to retain employees and even expand their workforce. These same employees were then able to purchase goods and services in the local economy, thus providing a benefit to other businesses not directly involved in the project.” <p style="text-align: right; margin-right: 50px;">- Carol L. Niewola, Project Engineer, Senior Aviation Planner NHDOT/Bureau of Aeronautics</p>	
	

New Hampshire

Airport Name: Laconia Municipal (LCI)	
Award Number: SBG-09-03-2009	
Award Date: 06/03/2009	
Award Amount: \$835,420	
Airport Role: General Aviation Airport	
Annual Operations: 37,527 Annual Enplanements: 212	
Based Aircraft: 144	
Project Title: Rehabilitation of Terminal Apron	
Project Description: <p>The apron's pavement was over 20 years old and on the verge of failing, posing a potential safety hazard to aviation users. This project includes:</p> <ul style="list-style-type: none"> • Pavement rehabilitation, installation of new aircraft tie downs, • Installation of new high mast lighting and electrical improvements 	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description <ol style="list-style-type: none"> 1. Nelson Communication 2. Steven J. Smith & Associates, Inc 	
Number of Jobs Created/Retained: 2.9 (estimated)	
Description of Jobs: <p>Construction, Engineering Design, administrative staff, CADD technicians, construction/power equipment operators, general laborers, truck drivers, environmental scientists, surveyors, material testing technicians, and geotechnical engineers.</p>	
Benefit(s): <p>The direct and indirect economic benefits to the community of this project are far-reaching, even with this being a relatively small project in scope. The prime contractor is located in the northern part of the state, an area that has been particularly hard hit by the recession. This project helped to retain the jobs of the contractor's full-time employees who, in turn, helped to bolster the economy in their neighborhoods. The bulk of the supplies and materials for this project were purchased or manufactured in-state, and the ancillary economic benefit in our immediate area includes the dollars spent at retail establishments and restaurants by the crews on site.</p> <p style="text-align: right; margin-top: 20px;">- Carol L. Niewola, Project Engineer, Senior Aviation Planner NHDOT/Bureau of Aeronautics</p>	
	



New Hampshire

Airport Name: Manchester (MHT)	
Award Number: 3-33-0011-077-2009	
Award Date: 09/11/2009	
Award Amount: \$740,934	
Airport Role: Commercial Service – Primary	
Annual Operations: 74,769 Annual Enplanements: 1,834,875	
Based Aircraft: 65	
Project Title: The Purchase of a 3,000 gallon Aircraft Rescue and Firefighting Vehicle	
Project Description: The acquisition of a 3,000-Gallon Aircraft Rescue and Firefighting (ARFF) Vehicle at Manchester-Boston Regional Airport (MHT) will provide the most effective firefighting capabilities to the Aircraft Rescue and Firefighting crews at our airport. This new ARFF vehicle complies with current National Fire Protection Association and Federal Aviation Regulations and continues to ensure the safety of the flying public at MHT. This vehicle will replace a 1989 ARFF vehicle. The latest engineering practices in design are incorporated for the highest level of efficiency and safety for the ARFF crew, with safety enhancements that will allow effective fire fighting on all areas of our airfield without compromising the safety of our personnel. The new ARFF vehicle will be equipped with a Driver Enhanced Vision System (DEVS). The forward looking infrared system will provide an enhancement to low visibility including operation during total darkness, fog, severe weather, and fire fighting operations in thick smoke.	
Project Status: Substantially Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 0.00	
Description of Jobs: N/A	
Benefit(s): “The acquisition of a 3000-Gallon Aircraft Rescue and Firefighting Vehicle at Manchester-Boston Regional Airport will provide the most effective firefighting capabilities to the Aircraft Rescue and Firefighting crews at our airport.” <p style="text-align: right;">- Steve Adams, Assistant Airport Director Operations and Facilities</p>	
	



Rhode Island

Airport Name: Newport State (UUU)	
Award Number: 3-44-0002-017-2009	
Award Date: 06/11/2009	
Award Amount: \$1,100,691	
Airport Role: General Aviation Airport	
Annual Operations: 25,853 Annual Enplanements: 53	
Based Aircraft: 34	
Project Title: Reconstruct, Mark and Light Runway 16-34	
Project Description: <p>The project is to reconstruct Runway 16-34. This project was designed “green”, using the existing pavement and base gravels to produce, in place, a new reclaimed (recycled) base course material. This saves on the use of natural resources, reduces transport emissions, reduces impacts of off-site disposal (even off site recycling), saves construction time, and saves money. Reconstruction shall include pavement, pavement markings, runway edge lighting and airfield signage.</p>	
Project Status: Fully Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 74.29	
Description of Jobs: Design, Construction Management, Aerial Photography, Testing, Administration, Equipment Operators, Laborers, Foreman, Supervisors, Truck Drivers & Flaggers, Milling, Electrical	
Benefit(s): This project was designed “green”, using the existing pavement and base gravels to produce, in place, a new reclaimed (recycled) base course material. In addition to being designed "green" (same as the Quonset project), this runway will no longer need to be closed during winter months due to frost heaving.”	
– Bill Cox, Project Controls Manager	
	



Rhode Island

Airport Name: Quonset State (OQU)	
Award Number: 3-44-0006-14-2009	
Award Date: 06/09/2009	
Award Amount: \$1,216,828	
Airport Role: Reliever Airport	
Annual Operations: 20,750 Annual Enplanements: 80	
Based Aircraft: 32	
Project Title: Reconstruct, Mark and Light Taxiway A (North) and Taxiway N	
Project Description: The pavement on Taxiway A (North) and Taxiway N is nearing the end of its useful life. This project will provide improvements to the existing taxiway geometry (as required), existing taxiway edge lighting system and signage. Improvements to the existing electrical vault are being investigated. Drainage improvements will be limited to minor grade adjustments. The work will also include environmental, coastal, and natural resource notifications and/or permits.	
Project Status: Fully Completed	Expected Completion Date: N/A
Vendor Information: Name-Product and Service Description Not reported in FederalReporting.gov	
Number of Jobs Created/Retained: 89	
Description of Jobs: 5 Jobs for Design Phase Services, 1 Resident Engineering Job, 5 Administration Jobs, 20 Paving Jobs, 8 Equipment Operators, 5 laborers, 29 truck drivers. 3 Milling Jobs, 7 Electrical Jobs, 4 Landscaping Jobs, 2 Concrete Cutting Jobs	
Benefit(s): “This project was designed “green”, which saves on the use of natural resources, reduces transport emissions, reduces impacts of off-site disposal (even off site recycling), saves construction time, and saves money.” <div style="text-align: right;">– Bill Cox, Project Controls Manager</div>	
	

Vermont

Airport Name: Burlington International (BTV)	
Award Number: 3-50-0005-075-2009	
Award Date: 08/18/2009	
Award Amount: \$2,602,000	
Airport Role: Commercial Service – Primary	
Annual Operations: 79,294 Annual Enplanements: 747,559	
Based Aircraft: 101	
Project Title: Reconstruction of Taxiway C & G intersection; Extend Taxiway G south to Taxiway J	
Project Description: The project consists of the reconstruction of taxiway C & G intersection with construction of new taxiway G south to connect with taxiway J. As part of the project, the old pavement and sub-base material will be removed; new sub-base material placed, compacted and graded; and new asphalt pavement placed. The project includes infiltration of the runoff into infiltration beds located underground in the airfield. Also included in this project is the update of the Airport's DBE plan.	
Project Status: Completed 50% or more	Expected Completion Date: Jul 2010
Vendor Information: Name-Product and Service Description	
<ol style="list-style-type: none"> 1. Campbell & Paris Engineers - Engineering services to provide contract administration, testing, resident services to monitor construction and reporting, including close out reports and As Built drawings. 2. S.D. Ireland Corporation - Construction of the taxiway C/G intersection 	
Number of Jobs Created/Retained: 0.00	
Description of Jobs: N/A	
Benefit(s): "Taxiway "C" is one of the oldest sections of pavement on the airport and its improvement will enhance safety of operations by air carrier and other aircraft using this segment of pavement." <div style="text-align: right; margin-top: 10px;">- Bob McEwing, Airport Engineer</div>	
	

Vermont

Airport Name: Edward F Knapp State (MPV)	
Award Number: 3-50-0001-011-2009	
Award Date: 08/19/2009	
Award Amount: \$6,008,809	
Airport Role: General Aviation Airport	
Annual Operations: 24,125	
Annual Enplanements: 28	
Based Aircraft: 50	
Project Title: Construct Parallel Taxiway; Runway 5-23 Reconfiguration; and, Terminal Area Apron Improvements	
Project Description: This project is the construction of a parallel taxiway for Runway 17/35, reconfiguration of Runway 5/23, and terminal area apron improvements at Knapp State Airport.	
Project Status: Less than 50% completed	Expected Completion Date: Jan 2011
Vendor Information: Name-Product and Service Description	
<ol style="list-style-type: none"> 1. Dubois & King, Inc. – Inspections 2. Hoyle, Tanner & Associates - Construction Engineering 3. Pike Industries, Inc. - E.F.Knapp Airport, Safety Project 	
Number of Jobs Created/Retained: 31.53	
Description of Jobs: Skilled labor/engineering.	
Benefit(s): <p>“The purpose of the proposed improvements for the E.F. Knapp State Airport is to bring the primary runway into compliance with the FAA’s requirements and the Vermont System & Policy Plan’s goals for precession approach runways; mitigate the potential for runway incursions due to the intersecting runways; and, to provide additional terminal apron area. These improvements are required to provide safe, reliable and cost effective air transportation for corporate, cargo, and recreational users. As a key part of the State of Vermont’s transportation network, the Airport enhances quality-of-life and economic well-being for business and pleasure travelers.”</p> <p style="text-align: right;">– Scott Fortney, Assistant Program Manager, Aviation Program, Operations Division, Vermont Agency of Transportation</p>	
	

Appendix 1 – Definitions and Acronyms

ACAIS	Air Carrier Activity Information System
AIP	Airport Improvement Program
Airport Role	One of four basic airport service levels which describe the type of service that the airport currently provides to the community. P - Commercial Service – Primary (more than 10,000 annual passenger enplanements) CS - Commercial Service – Non-Primary (2,500 - 10,000 annual passenger enplanements) R - Reliever Airport (more than 100 based aircraft or 25,000 annual itinerant operations) GA - General Aviation Airport
Annual Enplanements	The number of revenue passengers boarding aircraft at the airport.
Annual Operations	The total annual amount of commercial, commuter, air taxi, general aviation (local & itinerant), and military operations at the airport.
ARFF	Aircraft Rescue & Fire Fighting
ARRA	American Recovery and Reinvestment Act of 2009
Award Date	The date when the award is signed.
Award Number	The identifying number assigned by the FAA for the ARRA grant.
Based Aircraft	The number of locally owned aircraft hangared or based at the airport.
DBE	Disadvantaged Business Enterprise
DEVS	Driver Enhanced Vision System
CADD	Computer-Aided Design And Drafting
FAA	Federal Aviation Administration
FBO	Fixed-Based Operator
FOD	Foreign Object Damage
Hub Type	The term “hub” is used by the FAA to identify very busy commercial service airports as measured by passenger enplanements. Primary commercial service airports are grouped into the following four categories: <ul style="list-style-type: none"> • L – Large (each account for at least 1% of total U.S. passenger enplanements) • M – Medium (each account for between 0.25% and 1% of total U.S. passenger enplanements) • S – Small (each account for between 0.05% and 0.25% of total U.S. passenger enplanements) • N – Non-Hub Primary (each enplane less than 0.05% of total U.S. passenger enplanements, but have more than 10,000 annual enplanements)
LPV	Localizer Performance with Vertical Guidance
NFDC	National Flight Data Center
Number of Jobs Created/Retained	An estimate of the combined number of jobs created and jobs retained funded by the Recovery Act. The number includes the number of jobs created and retained by sub recipients and vendors. The number is expressed as “full-time equivalent” (FTE).
PCI	Pavement Condition Index
Project Status	The status of the work that has been completed. Options for selection: Not started; Less than 50% completed; Completed 50% or more; Fully Completed.

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Appendix 2 – Supplementary Information

Number of Jobs Created/Retained & Award Amount by State

State	Recipient	# of Jobs	Award Amount	State	Total Jobs	Total \$M	# Grants
CT	Bradley International	7.15	\$7,491,409	CT	19	7.8	2
	Danbury Municipal	12	\$350,000	MA-1	91	17	3
MA	General Edward Lawrence Logan International	61.29	\$13,498,547	MA-2	74.4 8	3.3	5
	Gardner Municipal	2.88	\$355,000	ME	91	9.5	5
	Barnes Municipal	22.82	\$1,303,000	NH	15	4.6	5
	Logan	15.93	\$1,261,095	RI	162	2.3	2
	Lawrence Municipal	8.78	\$537,765	VT	43	8.6	2
	Orange Municipal	30	\$324,883		496	52.7	24
	Beverly Municipal	10	\$796,049				
	Laurence G Hanscom Field	14.27	\$1,838,611				
ME	Hancock County-Bar Harbor	3	\$1,235,723				
	Dexter Regional	48	\$2,785,000				
	Augusta State	4.68	\$735,000				
	Northern Maine Regional Airport at Presque Isle	26.65	\$2,614,505				
	Portland International Jetport	9.06	\$2,138,016				
NH	Block Grant	14.66	\$3,886,920				
	Manchester	0	\$740,934				
RI	Newport State	73	\$1,100,691				
	Quonset State	89	\$1,216,828				
VT	Edward F Knapp State	31.53	\$6,008,809				
	Burlington	11.02	\$2,602,000				
		495.72	\$52,820,785				

Source: FederalReporting.gov – quarterly report submissions provided by the award recipient.

Calendar Year 2008 Enplanements by State

ST	Locid	City	Airport Name	CY 08 Boardings
CT	BDL	Windsor Locks	Bradley International	3,006,362
CT	DXR	Danbury	Danbury Municipal	22
MA	BOS	Boston	General Edward Lawrence Logan International	12,820,489
MA	BED	Bedford	Laurence G Hanscom Field	8,385
MA	BAF	Westfield	Barnes Municipal	419
MA	BVY	Beverly	Beverly Municipal	102
MA	LWM	Lawrence	Lawrence Municipal	34
MA	ORE	Orange	Orange Municipal	2
ME	PWM	Portland	Portland International Jetport	876,102
ME	PQI	Presque Isle	Northern Maine Regional Airport at Presque Isle	13,385
ME	BHB	Bar Harbor	Hancock County-Bar Harbor	10,562
ME	AUG	Augusta	Augusta State	3,554
ME	1B0	Dexter	Dexter Regional	2
NH	MHT	Manchester	Manchester	1,834,875
NH	LCI	Laconia	Laconia Municipal	212
NH	ASH	Nashua	Boire Field	48
NH	EEN	Keene	Dillant-Hopkins	45
RI	OQU	North Kingstown	Quonset State	80
RI	UUU	Newport	Newport State	53
VT	BTV	Burlington	Burlington International	747,559
VT	MPV	Barre	Edward F Knapp State	28

Source: FAA Air Carrier Activity Information System (ACAIS), CY2008

Percentage of Total ARRA Grants Awarded Beginning May 2009

Name	Award Date	Grant Amount	Cumulative Grant \$	Cumulative Percentage of Total \$
Portland International Jetport	May 3, 2009	\$2,138,016	\$2,138,016	4.0%
Orange Municipal	May 11, 2009	\$324,883	\$2,462,899	4.7%
Lawrence Municipal	May 28, 2009	\$537,765	\$3,000,664	5.7%
Beverly Municipal	June 1, 2009	\$796,049	\$3,796,713	7.2%
Boire Field	June 3, 2009	\$1,753,000	\$5,549,713	10.5%
Laconia Municipal	June 3, 2009	\$835,420	\$6,385,133	12.1%
Dillant-Hopkins	June 3, 2009	\$1,298,500	\$7,683,633	14.5%
Augusta State	June 9, 2009	\$735,000	\$8,418,633	15.9%
Quonset State	June 9, 2009	\$1,216,828	\$9,635,461	18.2%
Bradley International Airport	June 10, 2009	\$7,491,409	\$17,126,870	32.4%
Danbury Municipal	June 10, 2009	\$350,000	\$17,476,870	33.1%
Hancock County-Bar Harbor	June 10, 2009	\$1,278,123	\$18,754,993	35.5%
Northern Maine Regional Airport at Presque Isle	June 10, 2009	\$2,614,505	\$21,369,498	40.4%
Laurence G Hanscom Field	June 11, 2009	\$1,838,611	\$23,208,109	43.9%
Dexter Regional	June 11, 2009	\$2,785,000	\$25,993,109	49.2%
Newport State	June 11, 2009	\$1,100,691	\$27,093,800	51.3%
General Edward Lawrence Logan International Airport	June 16, 2009	\$1,261,095	\$28,354,895	53.6%
General Edward Lawrence Logan International	June 29, 2009	\$13,498,547	\$41,853,442	79.2%
Gardner Municipal Airport	June 30, 2009	\$355,000	\$42,208,442	79.8%
Barnes Municipal Airport	June 30, 2009	\$1,303,000	\$43,511,442	82.3%
Burlington International Airport	August 18, 2009	\$2,602,000	\$46,113,442	87.2%
Edward F Knapp State	August 19, 2009	\$6,008,809	\$52,122,251	98.6%
Manchester Airport	September 11, 2009	\$740,934	\$52,863,185	100.0%
Total		\$52,863,185		

Airport Grant \$ by Airport Type						
Locid	Airport Name	Hub Type	Service Level (Role)	Airport Type	Grant \$M	# of Airports
BOS	General Edward Lawrence Logan International	L	P	Large Hub	14.8	
				Large Hub		
	Subtotals				14.8	1
BDL	Bradley International	M	P	Medium/Small Hub	7.5	
PWM	Portland International Jetport	S	P	Medium/Small Hub	2.1	
MHT	Manchester	M	P	Medium/Small Hub	0.7	
BTV	Burlington International	S	P	Medium/Small Hub	2.6	
	Subtotals			Medium/Small Hub	12.9	4
PQI	Northern Maine Regional Airport at Presque Isle	N	P	Non-Hub/CS	2.6	
BHB	Hancock County-Bar Harbor	N	P	Non-Hub/CS	1.2	
BED	Laurence G Hanscom Field	N	P	Non-Hub/CS	1.8	
AUG	Augusta State		CS	Non-Hub/CS	0.7	
				Non-Hub/CS		
	Subtotals				6.3	4
OQU	Quonset State		R	GA/Reliever	1.2	
LWM	Lawrence Municipal		R	GA/Reliever	0.5	
ASH	Boire Field		R	GA/Reliever	1.8	
BVY	Beverly Municipal		R	GA/Reliever	0.8	
ORE	Orange Municipal		GA	GA/Reliever	0.3	
UUU	Newport State		GA	GA/Reliever	1.1	
LCI	Laconia Municipal		GA	GA/Reliever	0.8	
GDM	Gardner Municipal		GA	GA/Reliever	0.4	
MPV	Edward F Knapp State		GA	GA/Reliever	6	
EEN	Dillant-Hopkins		GA	GA/Reliever	1.3	
1B0	Dexter Regional		GA	GA/Reliever	2.8	
DXR	Danbury Municipal		R	GA/Reliever	0.4	
BAF	Barnes Municipal		GA	GA/Reliever	1.3	
	Subtotals			GA/Reliever	18.7	13
	Totals				52.7	22

		Airport Type	Grant \$M	# of Airports
		Large Hub	14.8	1
		Medium/Small Hub	12.9	4
		Non-Hub/CS	6.3	4
		GA/Reliever	18.7	13
		Totals	52.7	22

Expenditures for ARRA Grants: May 2009 - Apr 2010

Name	Award Date	Grant Am't	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10
1BO	06/11/09	\$2,785,000	0	0	126,057	128,956	653,207	0	0	1,280,745	0	317,534	0	0
AUG	06/09/09	\$735,000	0	0	12,150	171,824	225,054	0	219,653	0	30,643	0	18,163	0
BAF	06/30/09	\$1,303,000	0	0	0	0	0	41,299	820,580	0	0	0	310,821	0
BDL	06/10/09	\$7,491,409	0	0	66,606	0	4,151,626		2,187,214	0	66,933	313,335	0	0
BED	06/11/09	\$1,838,611	0	0	0	0	0	0	680,590	0	0	0	702,633	0
BHB	06/10/09	\$1,278,123	0	0	163,761	0	144,704	137,485	126,079	297,429	176,019	48,908	0	4,247
BOS	06/16/09	\$1,261,095	0	0	0	0	0	0	86,738	0	0		462,092	0
BOS	06/29/09	\$13,498,547	0	0	0	0	0	0	10,635,074	0	0	0	1,467,637	0
BTV	08/18/09	\$2,602,000	0	0	0	0	0	0	1,759,636	0	0	0	0	0
BVY	06/01/09	\$796,049	0	0	0	132,280	404,788	180,240	39,580	0	39,161	0	0	0
DXR	06/10/09	\$350,000	0	0	0	0	0	0	0	26,457	0	0	61,058	114,592
GDM	06/30/09	\$355,000	0	0	0	0	0	62,608	0	0	0	51,116	0	67,709
LWM	05/28/09	\$537,765	0	98,087	0	230,123	0	0	0	0	0	0	0	181,832
MHT	09/11/09	\$740,934	0	0	0	0	0	0	0	0	0	0	0	0
MPV	08/19/09	\$6,008,809	0	0	0	0	0	0	39,326	506,297	24,218	117,704	31,401	0
NHSBG	06/03/09	\$3,886,920	0	3,886,920	0	0	0	0	0	0	0	0	0	0
OQU	06/09/09	\$1,216,828	0	216,070	0	26,395	0	62,866	698,103	0	5,731	0	0	0
ORE	05/11/09	\$324,883	0	0	247,305	0	77,578	0	0	0	0	0	0	0
PQI	06/10/09	\$2,614,505	0	0	0	0	251,834	940,204	832,244	0	0	0	0	0
PVM	05/03/09	\$2,138,016	0	0	0	0	0	776,698	638,734	508,782	0	0	0	0
UUU	06/11/09	\$1,100,691	0	124,200	0	0	0	360,284	0	0	251,046	198,820	0	0
Totals		\$52,863,185	0	4,325,277	615,879	689,578	5,908,791	2,561,684	18,763,551	2,619,710	593,751	1,047,417	3,053,805	368,380
Cumulative Expenditures			0	4,325,277	4,941,156	5,630,734	11,539,525	14,101,209	32,864,760	35,484,470	36,078,221	37,125,638	40,179,443	40,547,823
% of Total ARRA Funds			0.00%	8.18%	9.35%	10.65%	21.83%	26.67%	62.17%	67.13%	68.25%	70.23%	76.01%	76.70%

Based Aircraft and Annual Operations for New England Region ARRA Grant Recipients

Source: FAA/NFDC/Airport Facilities Data; Effective Date: 4/8/2010

LocID	State	FacilityName	Based Aircraft							Annual Operations							OperationsDate			
			SingleEngine GA	MultiEngine GA	JetEngine GA	Helicopters GA	Gliders	Military	Ultralights	Total	Commercial	Commuter	AirTaxi	GALocal	GALin	Military		Total		
BDL	CT	BRADLEY INTL	2	9	33	4			19			67	56956		31626	3963	15327	3164	111036	6/30/2009
DXR	CT	DANBURY MUNI	210	48	6	1					265			3123	46766	33312	218	83419	12/31/2008	
BAF	MA	BARNES MUNI	113	8	15	0	0	18		0	154	11		756	24645	31074	5699	62185	5/31/2009	
BED	MA	LAURENCE G HANSCOM FLD	261	38	77	13					389	387		16784	60263	71173	1079	149686	12/31/2009	
BOS	MA	GENERAL EDWARD LAWRENCE LOGAN INTL									0	250402		120503		28632	0	399537	10/1/2008	
BVY	MA	BEVERLY MUNI	90	18	0	4					112			700	33000	34000	300	68000	5/1/2009	
GDM	MA	GARDNER MUNI	20	2	0	0					1	23		15	1200	4000	50	5265	6/1/2009	
LWM	MA	LAWRENCE MUNI	182	22	2	6					212			9000	43000	32000	1000	85000	4/1/2009	
ORE	MA	ORANGE MUNI	40	3	0	0					7	50		10000	8000	25000	14	43014	8/1/2009	
1B0	ME	DEXTER RGNL	19	0	0	0					3	22			6340	620		6960	8/10/2008	
AUG	ME	AUGUSTA STATE	24	3	0	0					27			5300	14000	11500	3000	33800	8/1/2008	
BHB	ME	HANCOCK COUNTY-BAR HARBOR	42	1				2			45	2000		565	15000	16000	400	33965	11/30/2009	
PQI	ME	NORTHERN MAINE RGNL ARPT AT PRESQUE IS	19	5							24	1916		275	1398	725	30	4344	7/31/2009	
PWM	ME	PORTLAND INTL JETPORT	39	8	6	2					55	15694		6352	10018	16639	279	48982	8/30/2009	
ASH	NH	BOIRE FIELD	312	33	18	7	4	0		0	374	0		1100	56556	46274	70	104000	11/30/2009	
EEEN	NH	DILLANT-HOPKINS	65	6	3	3					77			7204	31053	7456	3314	49027	9/30/2009	
LCI	NH	LACONIA MUNI	117	18	1	8					144			367	33877	3183	100	37527	10/31/2009	
MHT	NH	MANCHESTER	51	4	10						65	36908		22344	3010	11686	821	74769	3/31/2009	
OQU	RI	QUONSET STATE	19	1	0	0		12			32			850	11000	3100	5800	20750	7/31/2007	
UUU	RI	NEWPORT STATE	28	4	0	2					34			210	14607	10956	80	25853	6/30/2008	
BTV	VT	BURLINGTON INTL	50	14	8	1		28			101	13227		21290	20310	19614	4853	79294	4/30/2009	
MPV	VT	EDWARD F KNAPP STATE	48	2	0	0					50			625	14500	8000	1000	24125	7/31/2009	

