

Report Information				
Award Type	Award Number	Prime DUNS	Calendar Yr/Qtr	Final Report
Grant	NT10BIX5570070	147368641	2011 / 3	No

Award Recipient Information	
Recipient DUNS Number	147368641
Recipient Account Number	
Recipient Congressional District	03
Parent DUNS Number	073130932
Recipient Type	2F.VW
Recipient Legal Name	MASSACHUSETTS TECHNOLOGY PARK
Recipient DBA Name	MASSACHUSETTS TECHNOLOGY COLLABORATIVE
Recipient Address 1	75 NORTH DR
Recipient Address 2	
Recipient City	WESTBOROUGH
Recipient State	MA
Recipient ZIP Code + 4	015813335
Recipient Country	USA

Project / Award Information	
Funding Agency Code	1335
Awarding Agency Code	1330
Program Source (TAS) Code	13-0554
Sub Account Number for Program Source	
CFDA Number	11.557
Amount of Award	45445444.00
Award Date	06/28/2010
Award Description	MBI's MassBroadband 123 project builds an open access high speed fiber optic internet infrastructure serving 123 western and north central Massachusetts communities connecting local businesses to new customers, students to learning opportunities, and first responders to vital information. This network provides the essential foundation for economic growth and stability to this distressed region.
Total Number of Sub Awards less than \$25,000/award	0
Total Amount Sub Awards less than \$25,000/award	0.00
Total Number of Sub Awards to Individuals	0
Total Amount of Sub Awards to Individuals	0.00
Total Number of Payments to Vendors less than \$25,000/award	138
Total Amount of Payments to Vendors less than \$25,000/award	511665.88

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Project Information

Project Name or Project/ Program Title	Activity Codes (NAICS or NTEE-NPC) (up to 10)
<p>Massachusetts Broadband 123</p> <p>Quarterly Activities/ Project Description The Q3, 2011 Activities were:</p> <ol style="list-style-type: none"> 1. Executed contract with Design Builder for complete final design and construction of the MassBroadband 123 network 2. Completed execution of required Memorandums of Understanding for pole data collection with municipal pole owners 3. Executed pole attachment agreements with Templeton Light & Water and Chester Electric; actively negotiating pole attachment agreements in towns of Fitchburg, Lunenburg, and Granby. 4. Continued field data collection, received data for over 21,000 poles during the quarter, out of a total of over 33,500 poles for the project thus far; 88% of poles in the network footprint have been delivered 5. Continued submitting applications for pole and conduit licenses. Submitted applications for over 14,000 poles and 14 miles of conduit. Project totals now exceed 20,600 poles and 24 miles of conduit 6. Continued make ready reconciliation with Verizon, Western Massachusetts Electric Company and National Grid. Received Verizon cost estimates for 8,200 poles and electric company make ready costs for 4,200 poles 7. Received first pole licenses from Verizon for 54 poles, Western Massachusetts Electric Company for 19 poles, and National Grid for 115 poles 8. Prepared filings for environmental permits, Massachusetts Department of 	<p>Activity Code 1 237130</p> <p>Activity Code 2</p> <p>Activity Code 3</p> <p>Activity Code 4</p> <p>Activity Code 5</p> <p>Activity Code 6</p> <p>Activity Code 7</p> <p>Activity Code 8</p> <p>Activity Code 9</p> <p>Activity Code 10</p>

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Transportation permits, and submitted first applications for railroad crossings

9. Completed license form for negotiation with owners of interconnection facilities

10. Completed site visits and surveys of 390 community anchor institution sites and 12 points of interconnection, and conducted outreach calls to community representatives

11. Completed fiber design diagrams for 5 of 7 project phases

12. Placed initial set of orders for fiber optic cable for 2.3 million feet

13. Executed four (4) Letters of Intent with Service Providers for providing services on the MassBroadband 123 network.

Less than 50% completed

Project Status

Total Federal Amount ARRA Funds Received/ Invoiced 5233827.62

Number of Jobs 26.56

Description of Jobs Created

The Total Number of Jobs Created or Retained includes the following positions:

1.The Massachusetts Broadband Institute under the Massachusetts Technology Collaborative jobs counted are comprised of various administrative and program positions. They are: Director, Deputy Director, Program Director, Outreach Manager, Procurement Leads, Executive Assistant, Geographic Information Systems Analysts, Geographic Information Systems Manager, Interns and Federal Compliance Manager.

2.The Massachusetts Technology Collaborative Vendor Jobs Created or Retained for Professional Services Consultants providing Programmatic and Auditing services to the Massachusetts Broadband Institute.

3.This grant does not have Sub Recipients at this time.

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Each position created and retained by the Massachusetts Technology Collaborative and its vendors is essential in carrying out the goals and objectives outlined in the grant award to build an open access high speed fiber optic internet infrastructure. This infrastructure serves over 120 western and north central Massachusetts communities and provides the essential foundation for economic growth and stability to this distressed region.

Total Federal Amount of ARRA Expenditure 7447714.39

Total Federal ARRA Infrastructure Expenditure 7447714.39

Infrastructure Purpose and Rationale The purpose of the project is to construct the MassBroadband 123 network, a robust, open access, middle mile fiber network covering over one-third of the state will connect 123 communities in western and north central Massachusetts and the 1,392 community anchor institutions (CAIs) that serve them. MassBroadband 123 is the transformative missing link to deliver comprehensive economic, educational, and public safety benefits to this region hard hit by the national shift from manufacturing to a knowledge-based economy.

The MassBroadband 123 solution comprehensively addresses the issues faced by the public safety community by creating a guaranteed-bandwidth public safety network that will interconnect the majority of municipal police, fire, and emergency management sites. This upgrade will make interoperability possible, significantly improving public safety responsiveness,

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coordination, and effectiveness. Additionally, the MassBroadband 123 network will dramatically change the economic development dynamic by bringing fiber within 3 miles of 99% of area businesses and directly connecting all the community colleges and most workforce development agencies. The project will bring broadband access to 11 NTIA defined economically distressed areas, and 69 communities designated by the state as Economic Target Areas, and will connect to 128 public housing sites to provide vulnerable residents with an important tool to find and compete for jobs.

The MassBroadband 123 network primarily contributes to the following ARRA purposes:

1. To preserve and create jobs and promote economic recovery.
2. To assist those most impacted by the recession.
3. To invest in transportation, environmental protection, and other infrastructure that will provide long-term economic benefits.

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Infrastructure Contact

Name	Judy Dumont	Street Address 1	75 North Drive
Email	dumont@masstech.org	Street Address 2	
Phone	(508) 870-0312	Street Address 3	
Ext	220	City	Westborough
		State	MA
		ZIP Code + 4	01581 - 3340

Primary Place of Performance

Address 1 75 North Drive
Address 2
City Westborough
Country Code US
State MA
ZIP Code + 4 01581 - 9999
Congressional District 03

Recipient Highly Compensated Officers

Prime Recipient Indication of Reporting Applicability	No	Officer 3 Name	
Officer 1 Name		Officer 3 Compensation	
Officer 1 Compensation		Officer 4 Name	
Officer 2 Name		Officer 4 Compensation	
Officer 2 Compensation		Officer 5 Name	
		Officer 5 Compensation	

Report Audit Trail

Created By Jonnielynn Aldro
Date Created 10/03/2011 11:01 AM
Last Updated By Jonnielynn Aldro
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Vendor Information

Sub Award Number		Payment Amount	221661.60
Vendor DUNS Number		Product and Service Description	Vendor provided services related to assisting the MBI with planning, procurements, and management of the MassBroadband 123 Project.
Vendor Name	BeMor, LLC		
Vendor HQ ZIP Code + 4	04101 - 3453		

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Vendor Information

Sub Award Number	Payment Amount	147292.89
Vendor DUNS Number	Product and Service Description	Vendor provided financial analysis and strategic management services related to the application and due diligence phases of the MassBroadband 123 BTOP project including the development of the sustainability model and network operator procurement.
Vendor Name	Cambridge Strategic Management Group	
Vendor HQ ZIP Code + 4	02108 - 4407	

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Vendor Information

Sub Award Number	Payment Amount	231553.68
Vendor DUNS Number	Product and Service Description	Vendor provided strategic management services for the application and due diligence phases of the project including network design, financial modeling, and other management, procurement, and administrative services for the application and project
Vendor Name	Communications Media Advisors, LLC	
Vendor HQ ZIP Code + 4	02108 - 4706	

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Vendor Information

Sub Award Number	Payment Amount	89232.21
Vendor DUNS Number	Product and Service Description	Vendor assisted MTC with the development of the terms, conditions, and business terms for the agreement for a ?Run-the-Network-Operator for the MassBroadband 123 project and assistance with the vendor selection process.
Vendor Name	DLA Piper US, LLP	
Vendor HQ ZIP Code + 4	21264 - 4029	

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Vendor Information

Sub Award Number		Payment Amount	816240.00
Vendor DUNS Number		Product and Service Description	Designs, constructs, and provides material, tools, and labor necessary to complete the MassBroadband 123 fiber optic network.
Vendor Name	G4S Technology, LLC		
Vendor HQ ZIP Code + 4	68102 - 0000		

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Vendor Information

Sub Award Number	Payment Amount	46576.70
Vendor DUNS Number	Product and Service Description	Vendor provided project management services for the due diligence process and post award planning for MassBroadband 123 application for funding to the Nat'l Telecommunications Infrastructure Agency?s Broadband Tech Opportunity Program
Vendor Name	Galaxy Internet Services Inc.	
Vendor HQ ZIP Code + 4	02458 - 1637	

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Vendor Information

Sub Award Number	Payment Amount	291175.85
Vendor DUNS Number	Product and Service Description	Vendor provided legal advice and counsel to complete certain tasks related to the procurement of and contracting with an Environmental Assessment firm, Owners' Project Management firm and Design Build firm for MassBroadband 123 project.
Vendor Name	Holland & Knight LLP	
Vendor HQ ZIP Code + 4	02116 - 3813	

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Vendor Information

Sub Award Number	Payment Amount	138114.82
Vendor DUNS Number	Product and Service Description	Assisted with Environmental Questionnaire, construction timeline, network design and the due diligence phase, environmental permitting activities and duties required for Environmental Assessment, a Special Award Condition for BTOP Infrastructure award.
Vendor Name	Jacobs Engineering Group, Inc	
Vendor HQ ZIP Code + 4	02110 - 1213	

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Vendor Information

Sub Award Number	Payment Amount	66357.34
Vendor DUNS Number	Product and Service Description	Provided legal services in support of the MassBroadband 123 Fiber Optic Network Project Design-Build Procurement, bid challenge and railroad agreements.
Vendor Name	McCarter and English	
Vendor HQ ZIP Code + 4	02110 - 0000	

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Vendor Information

Sub Award Number		Payment Amount	34493.28
Vendor DUNS Number		Product and Service Description	Vendor provided legal advice and counsel related to the development of the MassBroadband 123 project.
Vendor Name	Mintz, Levin, Cohn, Ferris, Glovsky & Popeo		
Vendor HQ ZIP Code + 4	02111 - 2111		

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Vendor Information

Sub Award Number	Payment Amount	41272.84
Vendor DUNS Number	Product and Service Description	Identify critical process to be put in place prior to design builder coming on; identified software and other tools to be used in program to manage project data; and supported the design build procurement process as member of selection committee
Vendor Name	MTTR Consulting	
Vendor HQ ZIP Code + 4	02880 - 0000	

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Vendor Information

Sub Award Number	Payment Amount	217134.51
Vendor DUNS Number	Product and Service Description	Provides the project area with joint pole licenses to place MBI cable on their utility poles.
Vendor Name	National Grid	
Vendor HQ ZIP Code + 4	01581 - 0000	

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Vendor Information

Sub Award Number	Payment Amount	416022.05
Vendor DUNS Number	Product and Service Description	Engineering svcs in collecting data about utility poles along the proposed network route; data collected is used as part of Make-Ready applications submitted to utility and telco pole owners to accelerate Make-Ready process
Vendor Name	Osmose Utility Services	
Vendor HQ ZIP Code + 4	14267 - 0000	

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Vendor Information

Sub Award Number	Payment Amount	655950.29
Vendor DUNS Number	Product and Service Description	Vendor provided services as the Owner's Project Manager (OPM) to the MassBroadband 123 project.
Vendor Name	Tilson Fiber Technology	
Vendor HQ ZIP Code + 4	04101 - 4606	

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Vendor Information

Sub Award Number	Payment Amount	101859.95
Vendor DUNS Number	Product and Service Description	Provided services to perform surveys of route, including research on viability of underground route segments, and Community Anchor Institution (CAI) to be used in connection with development, procurement and construction of the MassBroadband 123 network.
Vendor Name	UC Synergetic	
Vendor HQ ZIP Code + 4	29708 - 9708	

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Vendor Information

Sub Award Number		Payment Amount	140468.07
Vendor DUNS Number		Product and Service Description	Preliminary engineering design firm required by Massachusetts General Laws Chapter 149A statue for design build procurements; Provided assistance with development of Design Build Request for Proposals. Supported procurement through its completion
Vendor Name	URS Corporation		
Vendor HQ ZIP Code + 4	30281 - 0000		

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Vendor Information

Sub Award Number		Payment Amount	572580.57
Vendor DUNS Number		Product and Service Description	primary telecommunication utility in project area with 2-way/3-way pole attachment agreements between Verizon, Western Mass Electric Co. and National Grid to facilitate Make-Ready work needed on utility poles and conduits
Vendor Name	Verizon New England		
Vendor HQ ZIP Code + 4	02110 - 0000		

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Vendor Information

Sub Award Number	Payment Amount	358715.53
Vendor DUNS Number	Product and Service Description	Telecom utility in Mass Broadband 123 project area. Costs are for pole applications
Vendor Name	Western Mass Electric	
Vendor HQ ZIP Code + 4	02110 - 0000	

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