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## EXECUTIVE OFFICE OF HOUSING & ECONOMIC DEVELOPMENT

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### OFFICE OF PERFORMANCE MANAGEMENT AND OVERSIGHT Massachusetts Technology Collaborative Annual Report for 2017 Fiscal Year

The Massachusetts Technology Coallaborative (MassTech) 2017 Annual Report complies with the requirements of the Office of Performance Management Oversight created by Chapter 240 of the Acts of 2010 – An Act Relative to Economic Development Reorganization. It includes goals set for the year and the performance metrics to evaluate goals, programs, and initiatives.

### **AGENCY OVERVIEW**

The Massachusetts Technology Collaborative ("MassTech") is a public economic development agency charged with supporting an environment for innovation economy growth.

MassTech's three strategic goals are:

- Enhance economic growth: Foster dynamic, innovative businesses in the Commonwealth, accelerating the creation and expansion of firms in technology-growth sectors, increasing profitability, and generating more jobs for people in Massachusetts;
- Accelerate technology use and adoption: Ensure statewide connectivity and promote competitiveness through widespread adoption of innovative technology in academia, business, and government across the Commonwealth; &
- *Harness the value of research*: Strengthen capacity for innovation and commercialization at research institutions in the Commonwealth, enhancing research capabilities and encouraging greater collaboration with industry to address relevant research questions and bring ideas to market.

Through three primary divisions, the Innovation Institute at MassTech, the Massachusetts eHealth Institute (MeHI), and the Massachusetts Broadband Institute (MBI), the Massachusetts Technology Collaborative is supporting a vibrant, growing innovation economy across all corners of the Commonwealth. More detail is available at <u>www.MassTech.org</u>.

### **Annual Budget**

\$38,512,000

### **FY2017 REPORT DETAILS**

| <b>Goal:</b> Increase the growth of key ind growth  | ustry clusters in MA in order to promot  | e new business formation and job  |
|---|--|---|
| Strategy  | Measurement(s)   | Outcome(s)  |
| Strategic Support: Organize and<br>support industry-led Working<br>Groups focused on economic growth<br>strategies for industry clusters.<br>Industry Partnership: Facilitate<br>direct industry partnerships in a<br>wide range of economic<br>development projects focused on<br>cluster growth (e.g. industry<br>partnerships in Open Cloud<br>computing; flexible electronics;<br>underwater robotics, etc.)<br>Cluster Support: Organize<br>MA Robotics Industry Cluster<br>in partnership with industry,<br>academia and relevant technology<br>trade councils. | <ul> <li>Engage thought leaders in 15 projects focused on Industry Cluster Development in Massachusetts.</li> <li>Support strategic growth dialogues through 25 steering committee or working group sessions with key industry representatives.</li> <li>Promote 100 key industry partnerships in cluster-based economic development projects.</li> <li>Manage a designated cluster development organization for robotics in the state that assists in the development of policy recommendations used to guide Robotics Cluster Development activities within the Commonwealth.</li> <li>Implement 25 cluster development events across the portfolio of Innovation Institute projects in Robotics, Big Data, Flexible electronics, Advanced Sensors, Cybersecurity, etc.</li> </ul> | <ul> <li>MassTech engaged in dozens of<br/>industry Cluster Development<br/>Projects &amp; Events related to<br/>Robotics, Digital Health, Marine<br/>Science, Cybersecurity, Big Data<br/>Advanced Manufacturing,<br/>Flexible Electronics, Advanced<br/>Sensors, Internet of Things, etc.</li> <li>The majority of MassTech's<br/>engagements involve guidance<br/>received form Steering<br/>Committees or Working Groups<br/>For instance, all of the R&amp;D Fund<br/>investments made by the<br/>Innovation Institute require a<br/>Steering Committee vote and<br/>our Long Range Planning is<br/>guided by Working Groups.</li> </ul> |
| Goal: Improve conditions for grow   |  |   |
| Strategy  | Measurement(s)   | Outcome(s)  |
| Strategic Support: Organize and<br>support industry led Working<br>Groups focused upon improving<br>ecosystem conditions in<br>Massachusetts.<br>Mass Scale: Support CEO peer<br>roundtables that examine<br>opportunities for growing  | <ul> <li>Support strategic growth<br/>dialogues through 20 steering<br/>committee engagements,<br/>working group sessions, or<br/>roundtables with key<br/>stakeholders across sectors.</li> <li>Convene and provide<br/>networking and knowledge-<br/>sharing support for the Mass</li> </ul>   | <ul> <li>Strategic Support: Held 5<br/>meetings and 6 conference<br/>calls with 25 executive leaders<br/>from industry, academia and<br/>government to discuss<br/>actionable strategies to<br/>advance the Commonwealth's<br/>innovation economy. The group<br/>helped define business support</li> </ul>  |

Continue support of the next

and talent/workforce as areas the state should focus on to

improve conditions for the tech

Scale Working Group – 2

sessions.

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Education: Work with industry

companies to scale.

| groups (i.e. MassCAN) to improve<br>computer science education in MA<br>by promoting new standards and<br>teacher certification, and<br>undertaking teacher development.<br>Events: Support communities of<br>innovation through conference<br>gatherings, networking receptions;<br>award ceremonies, summit<br>activities, general hackathon events,<br>etc. | <ul> <li>phase of MassCAN, including increasing engagement with teachers, school districts, and students, and coordination with DESE</li> <li>Support grantees and partners in delivering 20 networking and community building events in the tech and innovation economy</li> </ul>   | <ul> <li>sector. Internet of Things was also identified as a broad sector with large potential to promote and grow the innovation economy.</li> <li>Mass Scale: Updated list of 185 scaling companies in Massachusetts to reflect recent business announcements and identify additional scaling companies in MA.</li> <li>MassCAN: Continued support of MassCAN in FY'17 attending monthly Advisory Board Meetings and providing \$1,000,000 in support of their mandate. MassCAN has delivered Computer Science training to ~700 teachers from ~50% of the Massachusetts school districts and a number of charter schools.</li> <li>Holyoke Innovation District: Partnered with MassDevelopment to support the engagement of a Transformative Development Initiative Fellow who will manage the Holyoke Innovation District, which is currently engaged on more than a dozen sub-projects.</li> </ul> |
|--|---|--|
| Goal: Increase opportunities for en new innovation economy skills an   | ntrepreneurs, students, and new and<br>d experiences  | d or incumbent workers to gain   |
| Strategy   | Measurement(s)  | Outcome(s)   |
| Mentorship Program: Issue a RFP<br>for a knowledge sharing network to<br>support mentorship-related efforts<br>among entrepreneurship support<br>organizations<br>Entrepreneurship Support: Improve<br>entrepreneurial skills of individuals<br>leading to new business<br>development and job growth.   | <ul> <li>Initiate a new Mentorship<br/>Knowledge Sharing Network<br/>Through grantees, increase<br/>number of entrepreneurs and<br/>employees with key skills by 250</li> <li>Through grantees, increase the<br/>number of business startups or<br/>expansions by 100</li> <li>Support 50 qualified<br/>Massachusetts college students<br/>in meaningful tech sector</li> </ul> | <ul> <li>Business Support (NEW):<br/>MassTech now provides<br/>business support to help guide<br/>tech companies around the<br/>incentives, programs, and<br/>resources available in MA. The<br/>agency operationalized agency<br/>protocols to manage business<br/>support intake and has<br/>dedicated a FT employee to<br/>manage relationships with<br/>business support customers</li> </ul>  |

Internship Support: Make Intern Stipend Awards to college students through the MassTech Intern

• Connect 100 top students in computer science, mathematics

internships

Mentorship: Launched Mentorship RFP which resulted

business support customers.

•

| Partnership.<br>Student Retention: Engage with MA-<br>based students through Big Data<br>Tech Trek's and TechGen activities,<br>including company visits, meetups,<br>workshops, etc.<br>Coordinate big data training<br>programs for big data firms | and statistics with 20 executives<br>in data-driven companies<br>through Big Data Tech Trek's<br>and other initiatives. | <ul> <li>in numerous responses,<br/>however budgetary constraints<br/>led to a decision to not make<br/>any awards related to this RFP.</li> <li>Entrepreneurship Support:<br/>Grantees working in<br/>entrepreneurship such as Valley<br/>Venture Mentors and EforAll<br/>instilled skills in over 250<br/>entrepreneurs and employees.</li> <li>Supported 10+ accelerator<br/>programs, (such as SPARK,<br/>Valley Venture Mentors &amp;<br/>EforAll) across the state directly<br/>or indirectly supporting well<br/>over 100 startups or expansions.</li> <li>Internship Support: Awarded<br/>more than 100 stipends for<br/>students from Massachusetts<br/>and from the Commonwealth's<br/>colleges.</li> </ul> |
|--|---|---|
|--|---|---|

# <u>Goal:</u> Support large-scale, long term Collaborative Research Projects to strengthen competitiveness of industry in Massachusetts

| Strategy   | Measurement(s)   | Outcome(s)  |
|--|--|---|
| R & D Match Fund: Promote project<br>pipeline, make awards and manage<br>projects.<br>Promote economic development<br>activities from a legacy portfolio of 7<br>research center awards.<br>Support industry engagement with<br>research centers through Center<br>Industry Advisory Committees or<br>individual Technology or Sponsored<br>Research Partnerships<br>Events: promote conferences,<br>workshops or other events to<br>promote idea generation and<br>strategic partnerships around<br>research agendas. | <ul> <li>Make two new large scale<br/>Collaborative Research Matching<br/>Grant Program awards from the<br/>states R&amp;D Bond Fund</li> <li>Center Directors from<br/>Innovation Institute's 5 key<br/>research centers engage in<br/>strategic partnerships with<br/>representatives from 60 key<br/>small, medium to large sized<br/>firms in the state.</li> <li>Center Directors from<br/>Innovation Institute's 5 key<br/>research centers execute 20<br/>agreements in technology<br/>projects or sponsored</li> <li>These 5 key research centers<br/>sponsor 15 business or<br/>technology development events.</li> </ul> | <ul> <li>R&amp;D Match Fund: Budgetary<br/>restrictions limited the number<br/>of R&amp;D Program awards to one<br/>(1), the \$5 million award to<br/>WPI's PracticePoint project,<br/>made in April 2017.</li> <li>R&amp;D Fund Center Directors<br/>engaged with representatives of<br/>more than 100 firms in the<br/>state.</li> <li>Center Directors engaged in<br/>more than 20 agreements at just<br/>two of the Centers alone.</li> <li>The Research Centers engaged<br/>in more than 20 business/tech<br/>development events.</li> </ul> |
| research agendas.  | technology development events.   |   |

| Strategy  | Measurement(s)   | Outcome(s)   |
|---|--|--|
| Build community-based<br>approaches to health information<br>technology and interoperability<br>adoption.<br>Support lagging healthcare<br>communities in adopting<br>technology.<br>Support providers in getting to<br>Meaningful Use and continuing to<br>progress. | <ul> <li>Support 100% of Connected<br/>Communities grantees in getting<br/>through Milestones 1 and 2 in<br/>FY17</li> <li>Support 10 Communities in<br/>developing voluntary projects to<br/>work together across<br/>organizational lines.</li> <li>Develop new MeHI website<br/>content to support eligible<br/>professionals and specialty-<br/>based providers in their EHR,<br/>HIE, and Meaningful Use efforts</li> <li>Get 100% of the eQIP grantees<br/>through at least 3 of the 4<br/>milestones</li> <li>Continue collaborative, outward<br/>reaching stakeholder convening<br/>to identify barriers and prioritize<br/>solutions to sharing behavioral<br/>health data</li> <li>Design and launch a program<br/>that addresses those challenges<br/>and best addresses needs of the<br/>BH sector</li> <li>Bring more robust content to<br/>the grantee and BH and LTPAC<br/>specialty website pages</li> <li>Engage non-post-acute LTPAC<br/>orgs in eHealth efforts to<br/>improve transitions and<br/>coordination of care</li> <li>Work with MassHealth to<br/>expand the Medicaid<br/>Meaningful Use program to<br/>include technical assistance to<br/>increase hands on support for<br/>eligible professionals</li> <li>Design and launch the Learning<br/>Collaboratives</li> </ul> | <ul> <li>Six of eight (6/8) Connected<br/>Communities grantees achieved<br/>Milestone 1; three (3) achieved<br/>Milestone 2.</li> <li>Nine (9) Communities<br/>represented in 2016 Learning<br/>Collaborative and 1 additional<br/>Community is working to expand<br/>their use cases to additional<br/>community partners.</li> <li>Webpage and toolkit content<br/>updated and improved to<br/>support the Medicaid EHR<br/>Incentive Program and MeHI<br/>grant program participants.</li> <li>71.05 percent of eQIP grantees<br/>achieved all four (4) milestones;<br/>92-plus percent+ achieved at<br/>least three.</li> <li>Facilitated a Learning<br/>Collaborative among 19<br/>organizations representing 10<br/>Communities across the<br/>Commonwealth to develop tools<br/>to support providers in<br/>communicating the benefits of<br/>sharing patient information in<br/>behavioral health settings.</li> <li>Issued a grant solicitation for the<br/>Massachusetts Children's<br/>Behavioral Health Initiative<br/>(CBHI) interface development<br/>for Child and Adolescent Needs<br/>and Strength (CANS) reporting<br/>to support BH providers.</li> <li>Continued to post updated<br/>resources and information on<br/>BH and LTPAC specialty<br/>webpages.</li> <li>Sponsored a digital health<br/>survey of Home Health agencies<br/>in collaboration with the Home<br/>Care Alliance of Massachusetts.<br/>Worked closely with the Mass.<br/>Executive Office of Elder Affairs<br/>(EOEA) to develop momentum<br/>for the development of digital<br/>health solutions for Aging &amp;<br/>Caregiving.</li> </ul> |

Goal: Support Massachusetts Health Reform Efforts

| Strategy   | Measurement(s)  | Outcome(s)  |
|--|---|---|
| Identify and support promising<br>innovations in the application of<br>technology in healthcare<br>Share Knowledge / Best Practices on<br>Health IT Adoption<br>Develop a consensus roadmap for<br>technology to support health reform | <ul> <li>Develop program criteria for the<br/>Innovation Opportunity Fund<br/>and open it to new applicants</li> <li>Work with the Massachusetts<br/>Coalition for Serious Illness to<br/>design and pilot a service to<br/>make citizens' end-of-life wishes<br/>widely available at the point of<br/>care</li> <li>Convene all MeHI grantees in<br/>the fall at the eHealth Grantee<br/>Forum</li> <li>Build out interoperability and<br/>practice transformation<br/>information on the MeHI<br/>website</li> <li>Develop two Learning<br/>Collaboratives, one in<br/>Behavioral Health, and one<br/>supporting the Connected<br/>Communities Grantees</li> <li>Keep the MA Health IT index up<br/>to date and expand the index<br/>through 3<sup>rd</sup> party research and<br/>surveys</li> </ul> | <ul> <li>Resources for this program were redirected to support digital health economic development with funding for two digital health accelerators.</li> <li>Worked with the Coalition and other stakeholders to organize a workgroup on these issues, initiated a landscape analysis, and issued an RFI to identify available technology solutions to address this goal.</li> <li>Held a Grantee Forum for eQIP and Connected Communities grantees from 58 organizations.</li> <li>Submitted a response to the HIway Adoption and Utilization RFR to get funding to support this work; response expected in early FY'18.</li> <li>Held a BH information sharing focused Learning Collaborative with 19 participants; began planning for second Collaborative for fall 2017 focused on interoperability and workflow improvement.</li> <li>Updated EHR adoption information for all Skilled Nursing Facilities (SNFs) and began research and surveys to update information for other provider segments.</li> </ul> |

| Goal: Engage Consumers using eHealth   |  |  |
|--|--|--|
| Strategy   | Measurement(s)   | Outcome(s)   |
| Launch Patient Engagement<br>Program   | <ul> <li>[To be determined based on<br/>research from Consumer<br/>Engagement survey]</li> </ul>   | <ul> <li>Conducted research and<br/>published a report on the<br/>opportunities for digital health<br/>companies to support caregivers<br/>and caregiving.</li> </ul>  |
| Goal: Grow and Promote Innovation  | on and the eHealth Cluster   |  |
| Strategy   | Measurement(s)   | Outcome(s)   |
| Convene and engage the eHealth<br>Cluster<br>Help eHealth companies find<br>customers and markets in<br>Massachusetts<br>Improve health data transparency<br>and availability in the<br>Commonwealth | <ul> <li>Expand the Digital Health<br/>Cluster website</li> <li>Develop a monthly<br/>programming schedule and<br/>drive membership and<br/>participation</li> <li>Launch the Marketplace<br/>program to match new health IT<br/>products with potential<br/>customers</li> <li>Launch the Early Validation<br/>program to provide expert<br/>feedback to companies at the<br/>idea generation stage</li> <li>Host at least 2 data challenges</li> </ul> | <ul> <li>Improved the resources<br/>available on the website;<br/>developed key elements of a<br/>revamped website with more<br/>resources, an assessment tool,<br/>improved directory of digital<br/>health sector companies, and a<br/>Digital Health Marketplace.</li> <li>Financially and logistically<br/>supported monthly<br/>programming at<br/>PULSE@MassChallenge and<br/>TechSpring; sent regular<br/>newsletters and<br/>communications to increase<br/>membership in the directory.</li> <li>Held multiple stakeholder<br/>meetings to build community<br/>and connectivity around a<br/>shared strategy.</li> <li>Leveraged our investments at<br/>PULSE@MassChallenge and<br/>TechSpring to support early<br/>stage companies and validate<br/>their products.</li> <li>Sponsored the digital health<br/>"Hawkathon" in collaboration<br/>with UMass Lowell and MIT<br/>Hacking Medicine, and<br/>leveraged our investments in<br/>PULSE and TechSpring to deliver<br/>on these commitments.</li> </ul> |

Measurement(s)

| Execute grant agreement with<br>Comcast by August 2016.<br>Develop detailed project schedule<br>informed by Comcast field surveys<br>and design and engineering<br>work that will include buildout<br>timeframes for each town.<br>Comcast to commence make ready<br>process and complete buildout of at<br>least one partial cable town.   | <ul> <li>The MBI's ability to successfully<br/>monitor milestones established<br/>in the grant and provide value in<br/>helping towns understand and<br/>draw value from the contract.</li> </ul> | <ul> <li>Broadband Extension Program:<br/>MBI has worked successfully<br/>with Comcast to ensure<br/>compliance and progress on the<br/>contract, which was finalized<br/>and announced in August 2016.</li> <li>Additionally, MBI has worked<br/>with Comcast to successfully<br/>hold 9 reconciliation meetings<br/>with each town to ensure that<br/>Comcast has met and explained<br/>its required plant extension.<br/>After review, Comcast has<br/>actually designed a plant<br/>extension that covers an<br/>additional 168 premises across<br/>the nine (9) towns, at no<br/>additional cost to the<br/>Commonwealth's taxpayers.</li> <li>Comcast has expressed<br/>optimism that it will be able to<br/>complete the project well ahead<br/>of its two year commitment<br/>required in the grant agreement.</li> </ul> |
|---|---|---|
| Goal: Improve relationship with no  | etwork operator and monitor compl   | liance. Support network operator  |
| in increasing revenue and new pro   | oduct initiatives.  |   |
| Strategy  | Measurement(s)  | Outcome(s)  |
| Continue to hold regularly scheduled<br>meetings that focus on finance, sales<br>and operations.<br>Ensure timely delivery of plans and<br>reports from network operator.<br>Ensure compliance with Operator<br>Agreement.<br>Network operated and maintained<br>according to SLAs/KPIs.<br>Required payments made by Axia as<br>stipulated in the agreement.<br>Develop sales reporting and lead |   | <ul> <li>The surprise bankruptcy filing in<br/>U.S. Bankruptcy Court by the<br/>operator of the MassBroadband<br/>123 network, KCST, Inc.<br/>(formerly Axia NGNetworks,<br/>USA, Inc.) on March 22, 2017,<br/>coupled with Axia NetMedia<br/>Corporation's filing of a petition<br/>for a declaratory judgment<br/>regarding its parental guarantee,<br/>have severely, if not entirely,<br/>undercut and undermined MBI's<br/>ability to make progress on<br/>benchmarks related to the<br/><i>MassBroadband 123</i> operation.</li> <li>The MBI, MassTech, and the</li> </ul>  |

| <ul> <li>Work with Axia on qualifying dark<br/>fiber leads.</li> <li>Analyze market to determine<br/>competitive pricing of services.</li> <li>Analyze market demand for new<br/>services (e.g. Layer 2 Ethernet, IP<br/>Transit) and establish pricing.</li> <li>Utilize Axia's Salesforce application,<br/>which will provide greater business<br/>intelligence around new sales, sales<br/>trending sales cycles and churn.</li> <li>Review fiber to the tower initiatives.</li> </ul> |  | representation to ensure that<br>these filings have no effect on<br>the delivery of service to<br>customers using<br><i>MassBroadband 123</i> .   |
|---|--|---|
| Goal: Complete transfer of owners   | hip of the Mass VetsAdvisor websit   | e to the Department of Veterans   |
|   | mber 2016. Provide DVS with traini   |   |
| management to ensure a successf   | ul transition. Continue website host   | ing and support contracts on  |
|   |  |   |
| behalf of DVS through this period,  | as needed.   |   |
| behalf of DVS through this period,<br>Strategy  | as needed.<br>Measurement(s)   | Outcome(s)  |
|   |  | <ul> <li>Outcome(s)</li> <li>MBI successfully completed the transfer of the MassVetsAdvisor website to DVS seamlessly with no interruption in service.</li> <li>This effort involved collaboration across MassTech, with direct assistance from government affairs, legal, communications, and IT teams. This group worked collaboratively with DVS staff to provide the necessary support and assistance to successfully complete the transfer.</li> </ul>   |
| Strategy<br>Execute transfer agreement<br>between MassTech and DVS by the<br>end of August 2016.<br>Begin close out of related hosting<br>and support contracts by the end of<br>October 2016.  | Measurement(s) <ul> <li>Seamless transfer of the website without an interruption in service.</li> </ul>  | <ul> <li>MBI successfully completed the transfer of the MassVetsAdvisor website to DVS seamlessly with no interruption in service.</li> <li>This effort involved collaboration across MassTech, with direct assistance from government affairs, legal, communications, and IT teams. This group worked collaboratively with DVS staff to provide the necessary support and assistance to successfully complete the transfer.</li> </ul>   |
| Strategy<br>Execute transfer agreement<br>between MassTech and DVS by the<br>end of August 2016.<br>Begin close out of related hosting<br>and support contracts by the end of<br>October 2016.<br>Goal: Complete Readiness Assessm<br>towns. Complete Design and Engir<br>Ready work across 10-15 towns. D  | Measurement(s) <ul> <li>Seamless transfer of the website without an interruption in service.</li> </ul> ment process across 34 Towns. Comparing work across 20 towns. Submevelop an Operator RFQ. Develop considered for towns. Financing options develop an option optio | <ul> <li>MBI successfully completed the transfer of the MassVetsAdvisor website to DVS seamlessly with no interruption in service.</li> <li>This effort involved collaboration across MassTech, with direct assistance from government affairs, legal, communications, and IT teams. This group worked collaboratively with DVS staff to provide the necessary support and assistance to successfully complete the transfer.</li> <li>Delete Pole Survey work across 20 bit applications and Start Make construction management firm</li> </ul> |
| Strategy<br>Execute transfer agreement<br>between MassTech and DVS by the<br>end of August 2016.<br>Begin close out of related hosting<br>and support contracts by the end of<br>October 2016.<br>Goal: Complete Readiness Assessm<br>towns. Complete Design and Engin<br>Ready work across 10-15 towns. D<br>RFP. Consortium options developed   | Measurement(s) <ul> <li>Seamless transfer of the website without an interruption in service.</li> </ul> ment process across 34 Towns. Comparing work across 20 towns. Submevelop an Operator RFQ. Develop considered for towns. Financing options develop an option optio | <ul> <li>MBI successfully completed the transfer of the MassVetsAdvisor website to DVS seamlessly with no interruption in service.</li> <li>This effort involved collaboration across MassTech, with direct assistance from government affairs, legal, communications, and IT teams. This group worked collaboratively with DVS staff to provide the necessary support and assistance to successfully complete the transfer.</li> <li>Delete Pole Survey work across 20 bit applications and Start Make construction management firm</li> </ul> |

| completed for 34 towns, execute       | MBI is adding value to each |   |
|---------------------------------------|-----------------------------|---|
| Last Mile Program Grant Agreement     | town's work to establish    | shift away from MBI-led<br>construction to the direct grant |
| for towns selecting MBI Professional  | broadband service in the    | program to towns through HED,                               |
| Services. Execute grant only          | community                   | many of these goals have been                               |
| contracts with 4-7 towns.             | commany                     | completed and achieved                                      |
|                                       |                             | indirectly, or are now no longer                            |
| Contract with pole survey             |                             | operational.  |
| contractor(s). Survey work            |                             | The grant program led by the                                |
| completed in 20 towns by end of       |                             | Executive Office of Housing and                             |
| June 2017                             |                             | Economic Development  |
| June 2017                             |                             | (EOHED)- built off of the                                   |
| Contract with Design Engineering      |                             | Readiness work that towns                                   |
| firm October 2016 and complete        |                             | completed with MBI engineers                                |
| Preliminary and final design work for |                             |   |
| 20 towns.                             |                             | during FY 16 and FY 17.                                     |
| 20 towns.                             |                             | Additionally, MBI completed                                 |
| Introductions and workshops           |                             | pole surveys on behalf of 10                                |
| delivered to explain consortium       |                             | communities and make ready                                  |
| model to the communities.             |                             | desktop support for five (5)                                |
| model to the communities.             |                             | towns at a cost of \$409,889.94.                            |
| Evecute grant agreement with          |                             | These communities are relying                               |
| Execute grant agreement with          |                             | on these pole survey results as                             |
| Charter, complete network upgrade     |                             | they design networks and                                    |
| by August 2016 and complete           |                             | prepare pole license applications                           |
| buildout of upgraded infrastructure   |                             | for their networks, an essential,                           |
| in at least one town by June 2017.    |                             | initial step in the construction of                         |
|                                       |                             | a fiber-to-the- home (FTTH)                                 |
|                                       |                             | broadband network.  |
|                                       |                             | • Lastly, MBI has taken the role of                         |
|                                       |                             | supporting towns through the                                |
|                                       |                             | private provider agreement                                  |
|                                       |                             | process. Most recently, this                                |
|                                       |                             | support has manifested as                                   |
|                                       |                             | assistance to towns through the                             |
|                                       |                             | cable franchising process,                                  |
|                                       |                             | holding a franchising workshop                              |
|                                       |                             | with the Massachusetts                                      |
|                                       |                             | Department of   |
|                                       |                             | Telecommunications and Cable                                |
|                                       |                             | (DTC), drafting waiver requests                             |
|                                       |                             | for the towns to use, and                                   |
|                                       |                             | providing input on how the                                  |
|                                       |                             | grant agreement will interact                               |
|                                       |                             | with the franchise agreement.                               |
|                                       |                             | In August 2016, the MBI                                     |
|                                       |                             | announced a \$1.6 million grant                             |
|                                       |                             | to Charter Communications to                                |
|                                       |                             | upgrade and extend broadband                                |
|                                       |                             | access in the three (3) unserved                            |
|                                       |                             | communities of Hinsdale,                                    |
|                                       |                             | Lanesborough, and West                                      |
|                                       |                             | Stockbridge. By the end of FY'17,                           |

|  | Charter had completed the<br>upgrade to existing legacy<br>systems in the three towns, a<br>fact bolstered by a May 2017<br>visit by the Baker-Polito<br>Administration several business<br>in the town of West Stockbridge<br>to highlight the impact of the<br>increased connectivity. The<br>extension of broadband to<br>unserved areas is ongoing and<br>on-track for successful<br>completion within 18 months<br>from the start of the agreement. |
|--|--|
|--|--|

### Agency's receipts and expenditures during FY17

Receipts: \$20,981,417 Expenditures: \$31,845,621

### Agency's assets and liabilities at the end of FY17

Assets: \$128,805,555 Liabilities: \$14,599,625

### Audited financial reports of the agency

See Attachment 1

### The number, nature and amounts of investments made and grants awarded by the agency

See Attachment 2

### Information detailing debt or equity investment of the agency

N/A

The number, nature and amounts of any loans, real estate loans, working capital loans and guarantees approved by the agency

### N/A

Other forms of financing or financial assistance that the agency provided

N/A

### A report of patents or products resulting from agency-funded activities

The MassTech Collaborative Research Matching Grant Program (R&D Program) was created to support largescale, long-term projects that have the potential to spur innovation, promote cluster development, and grow jobs by investing in critical R&D infrastructure. These are multi-year, capital intensive R&D projects. The UMass-Lowell Printed Electronics Research Collaborative (PERC), has filed three invention disclosures resulting from its project. MassTech anticipates additional patents or products resulting from our investments as the projects progress.

### A description of technical assistance that the agency provided

As part of its Last Mile Program, the MBI supports broadband access projects that provide access to minimum speed requirements, demonstrate viable funding and financing plans, and achieve operating sustainability. To that end, in FY17 the MBI team engaged directly with unserved towns through a detailed process of collaboration, review, engagement, planning, and evaluation to assess each town's readiness to move forward with a last mile project by exploring technology options, its funding strategy, and operational plans. Upon further request, we assisted some towns by providing spatial premises and parcel data, and executed pole survey work.

In FY17, MeHI provided technical assistance to all of its grantees in the eHealth eQuality and Connected Communities Programs to help them achieve their program's milestones. MeHI staff developed and helped grantees use online resources, conducted webinars on milestone goals and requirements, hosted events to bring grantees together to discuss best practices and hear from experts on issues related to their program's goals, and provided regular phone or in person communications to answer questions, address road blocks, and facilitate communication between grantee stakeholders. Under the Medicaid EHR Incentive Program, MeHI's Technical Assistance Team supports providers in efficiently participating in the program through education and guidance. This support includes hosting webinars and workshops and providing phone support to enable providers to correctly apply for their EHR incentives.

### Contacts

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# Massachusetts Technology Park Corporation (A Component Unit of the

Commonwealth of Massachusetts)

Financial Statements and Required Supplementary Information

Year Ended June 30, 2017

### Massachusetts Technology Park Corporation (A Component Unit of the Commonwealth of Massachusetts)

Financial Statements and Required Supplementary Information Year Ended June 30, 2017

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**RSM US LLP** 

#### **Independent Auditor's Report**

To the Board of Directors of Massachusetts Technology Park Corporation

#### **Report on the Financial Statements**

We have audited the accompanying financial statements of the governmental activities, the business-type activities, and each major fund of Massachusetts Technology Park Corporation (the "Organization"), a component unit of the Commonwealth of Massachusetts, as of and for the year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise the Organization's basic financial statements as listed in the table of contents.

#### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, and each major fund of the Organization as of June 30, 2017, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

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#### **Other Matters**

#### **Required Supplementary Information**

Accounting principles generally accepted in the United States of America require that the management discussion and analysis on pages 3 through 14 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated November 8, 2017, on our consideration of the Organization's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Organization's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Organization's internal control over financial reporting and compliance.

RSM US LLP

Boston, Massachusetts November 8, 2017

(A Component Unit of the Commonwealth of Massachusetts)

Management's Discussion and Analysis (Unaudited) Years Ended June 30, 2017 and 2016

This section of the Massachusetts Technology Park Corporation's annual financial report presents management's discussion and analysis of the financial performance during the fiscal years ended June 30, 2017 and 2016. Please read it in conjunction with the financial statements, which follow this section.

#### Agency Overview

The Massachusetts Technology Park Corporation does business as the Massachusetts Technology Collaborative ("Mass Tech Collaborative" or "MassTech"). MassTech is an innovative public agency that works to accelerate technology adoption and use, enhance economic growth in the Massachusetts technology sector, and support research collaborations among industry, academia, and government.

MassTech is advancing economic development in key areas such as digital health technology, information technology, broadband deployment, advanced manufacturing, and other emerging sectors such as cybersecurity. Over its 35 year history, MassTech has managed numerous complex projects, overseeing more than \$600 million in public funding by providing grants, loans and other financial assistance to thousands of projects across the Commonwealth of Massachusetts (the "Commonwealth"). Through its three major divisions - the Innovation Institute, the Massachusetts eHealth Institute ("MeHI"), and the Massachusetts Broadband Institute ("MBI"), MassTech is stimulating economic activity throughout the Commonwealth. MassTech brings together leaders from industry, government, and academia to advance technology-based solutions that strengthen regional economies, improve the healthcare system, expand high-speed internet access, and stimulate cluster growth.

#### The Innovation Institute at MassTech

The Innovation Institute at MassTech is chartered to grow and enhance the Commonwealth's technology and innovation-based economy. The Innovation Institute works closely with academia, industry, and government officials, region-by-region and sector-by-sector, to enhance the capacity of the Massachusetts economy to sustain and support innovation. These efforts help create, attract, and grow companies in emerging and established technology sub-sectors such as robotics, digital gaming, advanced manufacturing, and cybersecurity.

The Innovation Institute engages in grant activities, providing direct services and analyzing the Massachusetts innovation economy. The Institute also:

- Supports rigorous, collaborative, interdisciplinary research and development partnerships at Massachusetts universities;
- Enhances the ability of the Commonwealth's academic research centers to compete for millions of dollars in federal research awards; and
- Secures the economic benefits of downstream production and employment for the Commonwealth as new research and technologies are commercialized in the marketplace.

Some examples of the Innovation Institute's cluster development activities include:

- Support of targeted cluster growth opportunities in the Tech Sector;
- Facilitation of the Massachusetts Tech Hub Collaborative, a focused group of industry leaders that shapes policy and growth strategies for the digital technology sector;
- Support for the Commonwealth's Advanced Manufacturing Collaborative, an industry-led group focused on enhancing the competitiveness of Massachusetts manufacturers; and
- Coordination of the Massachusetts Big Data Initiative, an effort to strengthen the state's emerging cluster in advanced computing and analytics.

(A Component Unit of the Commonwealth of Massachusetts)

Management's Discussion and Analysis (Unaudited) Years Ended June 30, 2017 and 2016

#### The Innovation Institute at MassTech...continued

The Innovation Institute is also administering a \$50 million Scientific and Technology Research and Development Matching Grant Fund which was created by the Massachusetts Legislature. In August 2016, Governor Baker signed an economic development bill, "An Act Relative to Job Creation and Workforce Development", which provides \$15 million in additional authorization for the Innovation Institute's Scientific and Technology Research and Development Matching Grant Fund. This program provides matching capital funds for scientific or technology research and development projects sponsored by the University of Massachusetts, research universities, non-profit entities, or non-profit research institutions in the Commonwealth. To date, six awards have been made under this fund for a total of \$25 million of capital investment to fund and help develop large-scale, long-term collaborative research projects sponsored by Massachusetts based research entities.

In fiscal year 2016, the Baker/Polito Administration established the Massachusetts Manufacturing Innovation Initiative (" $M_2l_2$ ") as a key pillar of their innovation growth strategy in Massachusetts. The National Network for Manufacturing Institutes (NNMI) is a rolling series of federally sponsored advanced manufacturing competitions, and the  $M_2l_2$  Initiative is a nascent state sponsored collaboration of five manufacturing innovation institutes in Massachusetts that are affiliated with the NNMI.

The Commonwealth has committed funding for infrastructure support via M<sub>2</sub>I<sub>2</sub> to match NNMI investments in manufacturing innovation, technology commercialization, and to build talent pipelines which will support vital economic sectors. The M<sub>2</sub>I<sub>2</sub> program will be overseen by MassTech and is designed to leverage the strengths of leading Massachusetts research universities to strengthen the Commonwealth's research-to-manufacturing infrastructure. It is intended to boost economic development by supporting job creation and growth in existing and emerging industry clusters across Massachusetts. The Innovation Institute funded the first awards, totaling more than \$2 million, focused on the NNMI institute for manufacturing innovation in photonics during fiscal year 2016. Additional awards were made by the Executive Office of Housing and Economic Development ("EOHED") during fiscal year 2017 and will be managed in partnership under MassTech's M<sub>2</sub>I<sub>2</sub> program.

The Innovation Institute continues to manage two initiatives, the MassTech Intern Partnership and the Massachusetts Innovation Mentoring Initiative. The Intern Partnership pays matching stipends to smalland medium-sized technology companies in Massachusetts to support the hiring of two- and four-year college students as interns. The Massachusetts Innovation Mentoring Initiative is designed to support regional entrepreneur mentoring activities in underserved regions of the state.

The Innovation Institute is also serving as the state agent in support of the objectives of the Massachusetts Computing Attainment Network ("MassCAN"). MassCAN is a public/private coalition of education, industry and non-profit partners working to create and offer the highest quality K-12 computer science education to every student in Massachusetts.

(A Component Unit of the Commonwealth of Massachusetts)

Management's Discussion and Analysis (Unaudited) Years Ended June 30, 2017 and 2016

#### Massachusetts eHealth Institute

Through the MeHI, MassTech is working to accelerate the growth and adoption of technologies that save lives and reduce costs in healthcare. MeHI was created through the passage of Chapter 305 of the Acts of 2008, tasked to improve healthcare quality and increase efficiency through the increased adoption of innovative technologies. MeHI connects policymakers, healthcare experts, physicians, and business leaders, helping to break down the barriers to widespread integration of these advanced technologies.

Chapter 224 of the Acts of 2012 included provisions which enhanced MeHI's charge to expand its focus on key priorities including the statewide implementation of electronic health records ("EHRs") in all provider settings, helping providers connect these EHRs to the Commonwealth's health information exchange, the Mass HIway, identify and promoting technologies with the potential to improve the quality and reduce the cost of healthcare; helping providers continue to evolve their use of EHRs to comply with future meaningful use stages; and promoting the understanding of the benefits of Health Information Technology ("Health IT") to providers, patients, and the general public. This law also created a requirement that providers implement and use electronic health record technology in order to continue to practice in the Commonwealth. MeHI helps providers comply with this requirement through educational programs, technical support, and grants to support implementation of EHRs in healthcare delivery settings. To support this, the Massachusetts Legislature provided MeHI with funding of \$28.5 million over a four year period which began on July 1, 2013.

In January 2016, Governor Charlie Baker announced the establishment of a Massachusetts Digital Health Initiative designed to position Massachusetts as the leading global ecosystem for digital health innovation, and announced that MeHI would serve as the state's implementation agency for the Digital Health Initiative. Digital Health is among the fastest growing industry sectors in the country and Massachusetts is positioned at the forefront of this growth, combining its strengths in both healthcare and technology to drive digital health innovation. Massachusetts is already home to more than 350 digital health companies and aims to increase the growth of this industry.

Later in 2016, MeHI's mission was expanded through enacted state economic development legislation which charged MeHI with supporting the growth of a digital health industry sector within the Commonwealth.

In fiscal year 2017, MeHI continued its technology adoption work under three key programs:

- The **eHealth eQuality Program** is designed to support Behavioral Health (BH) and Long-Term and Post-Acute Care (LTPAC) providers in Massachusetts in the adoption of interoperable EHR systems. The effective use of EHRs helps improve the quality and efficiency of health care. MeHI's program is assisting BH and LTPAC providers in the procurement and implementation of interoperable EHRs and in the effective use of these technologies. This use will help these providers join other providers in using Health IT to enhance patient care coordination, ease transitions of care, and advance healthcare in Massachusetts. During fiscal year 2017, more than 85% of the providers completed their efforts under this grant program. The grantees remaining are projected to complete their projects during the first half of fiscal year 2018.
- MeHI's Connected Communities Program aims to catalyze collaboration and advance the adoption
  and use of Health IT to improve patient care and reduce healthcare costs. The Connected Communities
  program launched with MeHI collaborating with a diverse set of community stakeholders to inform the
  development of a statewide eHealth Plan intended to drive toward a more connected healthcare
  ecosystem in the Commonwealth. MeHI worked with the eight Connected Communities grantees and
  their project partners toward achieving their grant funded use cases.

(A Component Unit of the Commonwealth of Massachusetts)

Management's Discussion and Analysis (Unaudited) Years Ended June 30, 2017 and 2016

#### Massachusetts eHealth Institute...continued

• MeHI's **Medicaid Services** team provides enrollment and validation services relating to the Medicaid Incentive Program under an agreement with the Commonwealth of Massachusetts Executive Office of Health and Human Services.

In fiscal year 2017, MeHI organized its digital health economic development activities under a new marketplace program:

- The **Digital Health Marketplace Program** supported both digital health entrepreneurs and customers in FY17. This new program is a cornerstone of MeHI's efforts to grow and nurture the Commonwealth's digital health ecosystem under the direction of the Massachusetts Digital Health Initiative. Marketplace Program activities in FY2017 include:
  - Awarding \$250,000 in grant funding for the Commonwealth's two primary digital health accelerators: PULSE@MassChallenge in Boston and TechSpring at Baystate Health in Springfield. With this funding, the two accelerators provided targeted support for over 60 digital health startups, helping them grow and compete.
  - Development of an online Digital Health Marketplace, coupled with enhancing and improving the MassDigitalHealth.org community website, including maintenance of an ecosystem directory housing over 350 Massachusetts digital health companies.
  - Designing and beginning implementation of a business development effort targeted at both local and out-of-state and international firms interested in relocating to Massachusetts. In FY17, MeHI provided assistance to over a dozen companies interested in relocating to Massachusetts.
  - Issuance of the first-ever survey of home-based caregivers' attitudes towards digital health technologies in Massachusetts. This report outlined the significant challenges that many caregivers face and how new technologies can help improve their quality of care and life.

To coordinate a shared strategy across the Baker/Polito Administration and private sector stakeholders around the direction of the Mass Digital Health Initiative, MassTech also maintains a Marketplace Program industry advisory group and provides management support to the Governor's Digital Health Advisory Council.

#### Massachusetts Broadband Institute

The MBI was created as a division within MassTech in 2008. The MBI makes strategic and targeted public investments with the goal of expanding broadband access within unserved and underserved communities in Massachusetts.

In August 2014, \$50 million of capital bond funding was initially approved for the MBI to develop last mile solutions designed to bring broadband from centralized hubs to individual end users ("Last Mile"). In prior fiscal years MBI awarded planning grants for unserved towns in western Massachusetts and engaged communities and regional leaders in preparation for their significant role in the Last Mile process. The MBI also focused on an evaluation of regional network considerations, including network operations, technology options, municipal financing considerations, and the identification of potential incremental funding sources.

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## Massachusetts Technology Park Corporation

(A Component Unit of the Commonwealth of Massachusetts)

Management's Discussion and Analysis (Unaudited) Years Ended June 30, 2017 and 2016

#### Massachusetts Broadband Institute...continued

Early in fiscal year 2017, a \$1.6 million grant to Charter Communications was announced to upgrade and extend broadband access to three unserved communities in Western Massachusetts and MassTech awarded Comcast a \$4 million grant to reimburse partial project costs to extend broadband access in nine municipalities in Western and North Central Massachusetts, MBI also issued a request for proposals for private sector providers interested in designing, building, owning, operating, managing, and maintaining a communications network in one or more of the remaining unserved towns which would provide residents, businesses, government offices and community institutions with broadband internet access. As a result of that request for proposals, awards totaling more than \$5.2 million were made which will provide support the construction of broadband networks in six towns.

On April 3, 2017, the Commonwealth and the EOHED launched a new grant making program for unserved towns, similar to the existing MassWorks grant programs provided to municipalities for infrastructure projects. The Last Mile Infrastructure Grant Program is designed to provide flexible funding for eligible towns who wish to develop and build municipally-owned broadband networks. The program is intended to empower communities, and towns can use these grants to fund design and engineering, and construction services directly, as they would other local infrastructure projects. Each Town will be in control of and oversee the entire process, from design and engineering, through construction and lighting up of their municipally-owned broadband networks. The EOHED will administer the Last Mile Infrastructure Grant Program and, as approved by the MBI Board of Directors, up to \$20 million in MBI's bond funds shall be available for these grants. EOHED awarded grants to 18 towns totaling approximately \$16.1 million.

The *MassBroadband* 123 network, which has been fully operational since early 2014, created a robust 'middle mile' fiber-optic network that stretches over 1,200 miles and directly connects approximately 1,100 key community facilities in over 120 communities. *MassBroadband* 123 provides these communities with the ability to enhance education, drive healthcare innovation, and strengthen public safety through the direct connection to this 21<sup>st</sup> Century fiber-optic network. The *MassBroadband* 123 network also creates an essential foundation to connect homes and businesses currently unserved by broadband, bridging the Last Mile of connectivity.

The operator of the MassBroadband 123 network, KCST, Inc., formerly Axia NGNetworks, USA, Inc. ("Axia"), commenced a chapter 11 bankruptcy case on March 22, 2017 with the U.S. Bankruptcy Court, District of Massachusetts, Case No. 17-40501. Axia continues to operate the MassBroadband 123 network under contract with MassTech. Axia has obtained a loan from its parent company, Axia Net Media Corporation, to fund operating costs for an initial period while Axia determines whether it will continue to operate the network in the long-term.

On May 18, 2017, the U.S. District Court for the District of Massachusetts issued a preliminary injunction requiring Axia NetMedia Corporation to ensure the continued operation of the MassBroadband 123 middle mile network under a guaranty agreement that it signed with MassTech in 2011. This action confirms the obligation of the parent organization, Axia NetMedia, to ensure continued operation and funding of the network while its Massachusetts affiliate KCST/Axia, which was awarded a contract to manage and operate that Network in 2011, is in bankruptcy.

MassTech continues its work to identify an appropriate long-term solution to this situation.

(A Component Unit of the Commonwealth of Massachusetts)

Management's Discussion and Analysis (Unaudited) Years Ended June 30, 2017 and 2016

#### Campus Operations

MassTech owns, manages, and develops its Westborough, Massachusetts headquarters as the Massachusetts Technology Park. The use of the 36-acre campus reflects MassTech's mission to promote partnerships among industrial, educational, and governmental sectors.

#### Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to MassTech's basic financial statements, which have three components: (1) government-wide financial statements, (2) fund-level financial statements, and (3) notes to the financial statements.

The basic financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America ("GAAP") as applied to government entities. The Governmental Accounting Standards Board ("GASB") is the accepted standard-setting body for establishing governmental accounting and financial reporting principles.

The financial statement presentation includes both government-wide and fund-level financial statements. The government-wide financial statements present both the governmental and business-type activities of MassTech on the full accrual basis of accounting. The fund-level statements include separate statements for (i) the governmental activities, which are supported by state appropriations and federal funding and (ii) the business-type activities, which rely on fees and charges for support. The governmental fund-level financial statements are reported on the modified accrual basis of accounting. A reconciliation of the government-wide financial statements to the governmental fund financial statements is provided in the fund-level statements in the basic financial statement section of the financial statements. All activities, both governmental and business-type, are performed as part of carrying out MassTech's essential governmental function.

#### **Financial Analysis**

The summary of net position is a government-wide statement that presents information on all of MassTech's assets, liabilities, plus deferred inflows of resources with the difference between the two reported as net position. Increases or decreases in net position serve as one indicator of MassTech's financial condition. On the following page is a summary of net position for fiscal years 2017 and 2016.

Management's Discussion and Analysis (Unaudited) Summary of Net Position June 30, 2017 and 2016

|  |              |                          |              | 2017          |   |                           |   |                          |     | 2016          |                          |
|--|--------------|--------------------------|--------------|---------------|---|---------------------------|---|--------------------------|-----|---------------|--------------------------|
|  | G            | Governmental             | Busi         | Business-Type |   |                           | ğ | Governmental             | Bus | Business-Type |                          |
|  |              | Activities               | A            | Activities    |   | Total                     | - | Activities               |     | Activities    | Total                    |
| ASSETS   | e            | 021 100 11               |              | 102 121 31    | e | 67 176 100                | e | 15 000 005               | e   |               | C1 C2 C10                |
| runicapital assets<br>Capital assets (net of accumulated depreciation) | <del>0</del> | 41,301,470<br>65,136,137 | <del>0</del> | 6,193,219     | 9 | 71,329,356                | 9 | 43,002,333<br>71,743,504 | 9   | 6,705,646     | 01,037,343<br>78,449,150 |
| Total assets   |              | 106,437,615              |              | 22,367,940    |   | 128,805,555               |   | 117,625,839              |     | 22,461,254    | 140,087,093              |
|  |              |                          |              |               |   |                           |   |                          |     |               |                          |
| LIABILITIES AND DEFERRED INFLOWS OF RESOURCES                          |              | 14,471,355               |              | 128,270       |   | 14,599,625                |   | 14,880,643               |     | 136,316       | 15,016,959               |
| NET POSITION   |              |                          |              |               |   |                           |   |                          |     |               |                          |
| Net investment in capital assets                                       | θ            | 65,136,137               | ф            | 6,193,219     | ф | 71,329,356                | Ь | 71,743,504               | ф   | 6,705,646 \$  | 78,449,150               |
| Restricted for:  |              |                          |              |               |   |                           |   |                          |     |               |                          |
| Massachusetts e-Health Institute                                       |              | 15,958,263               |              |               |   | 15,958,263                |   | 15,193,780               |     |               | 15,193,780               |
| Innovation Institute   |              | 4,431,549                |              |               |   | 4,431,549                 |   | 8,120,782                |     | ı             | 8,120,782                |
| Massachusetts Broadband Institute                                      |              | 1,779,630                |              |               |   | 1,779,630                 |   | 2,952,189                |     | ı             | 2,952,189                |
| Economic Development   |              | 4,660,681                |              | ı             |   | 4,660,681                 |   | 4,734,941                |     |               | 4,734,941                |
| Campus Development/other corporate purposes                            |              | I                        |              | 2,601,538     |   | 2,601,538                 |   | ı                        |     | 2,601,538     | 2,601,538                |
| Unrestricted   |              |                          | Ì            | 13,444,913    |   | 13,444,913                |   |                          |     | 13,017,754    | 13,017,754               |
| Total net position   | θ            | 91,966,260               | \$           | 22,239,670    | φ | 22,239,670 \$ 114,205,930 | φ | \$ 102,745,196           | ф   | 22,324,938 \$ | \$ 125,070,134           |

(A Component Unit of the Commonwealth of Massachusetts)

Management's Discussion and Analysis (Unaudited) Years Ended June 30, 2017 and 2016

#### <u>Assets</u>

MassTech's total assets were approximately \$128.8 million as of June 30, 2017, a decrease of approximately \$11.3 million from the prior year.

Mass Tech Collaborative's investment in capital assets for its governmental and business-type activities as of June 30, 2017 amounts to approximately \$71.3 million net of depreciation. The investment in capital assets includes buildings, improvements, furniture, equipment, and broadband infrastructure. The decrease in investment in capital assets for the current fiscal year was approximately \$7.1 million primarily attributable to depreciation of the MassBroadband 123 network. Refer to Note 3 of the financial statements for more detailed information about capital assets.

#### Liabilities

Liabilities were approximately \$14.6 million as of June 30, 2017, a decrease of approximately \$0.4 million from the prior year. Of this change, approximately \$2.1 million relates to a decrease in accrued expenses and accounts payable in the Innovation Institute primarily for research and development (R&D) match and other financial assistance activities. This was offset by an increase of approximately \$1.0 million in accrued expenses and accounts payable related to MBI Last Mile and other activities, and an increase of approximately \$0.7 million in accrued expenses and accounts payable related to MBI Last Mile related to MEHI, primarily eQuality Incentive Program ("eQIP") milestone payments.

MassTech has no long-term debt outstanding.

#### Net Position

Between fiscal years 2016 and 2017, the net position has decreased by approximately \$10.9 million to approximately \$114.2 million.

Net investment in capital assets represents approximately 62.5% of net position as of June 30, 2017. Of the remaining approximately 37.5% of MassTech's net position at June 30, 2017, approximately 3.8% is attributable to the Innovation Institute, approximately 14.0% to MEHI, approximately 1.5% to MBI, approximately 4.1% to economic development, approximately 2.3% to Campus Operations and other corporate purposes and the remaining approximately 11.8% is classified as unrestricted.

Included in the governmental activities' net position is approximately \$65.1 million which is invested in capital assets. Of this amount, \$64.8 million is related to the MassBroadband 123 network.

Restricted net position of Massachusetts e-Health Institute increased by approximately \$0.8 million as a result of the net impact of approximately \$8.5 million of Commonwealth, federal, and other funding, offset by operating expenses, financial assistance expenses and capital expenditures of approximately \$7.7 million.

Restricted net position of the Innovation Institute decreased by approximately \$3.7 million as a result of the net impact of approximately \$4.8 million in revenues, primarily from the Commonwealth, offset by operating and financial assistance expenses of approximately \$8.5 million.

Restricted net position of the MBI decreased by approximately \$1.2 million as a result of the net impact of approximately \$6.6 million in revenues, primarily from the Commonwealth, offset by operating and financial assistance expenses of approximately \$7.8 million.

(A Component Unit of the Commonwealth of Massachusetts)

Management's Discussion and Analysis (Unaudited) Years Ended June 30, 2017 and 2016

#### Net Position...continued

Restricted net position of the Economic Development fund decreased by less than \$0.1 million, primarily as a result of funds utilized for International Enterprise Initiative activities.

The net position of the business-type activities was approximately \$22.2 million as of June 30, 2017, a decrease of approximately \$85,000 from the prior year end. The primary function of the business-type activities is the Campus Operations, the fund that relates to the development and maintenance of the 36-acre campus in Westborough, Massachusetts. Of the total net position, approximately \$6.2 million was invested in capital assets, approximately \$2.6 million was restricted for future investment in the campus and its buildings or other related purposes, and the remaining balance of approximately \$13.4 million was unrestricted.

The summary of changes in net position shows how the fiscal year activities impacted the net position. The following page contains the summary of changes in net position for the fiscal years 2017 and 2016:

Massachusetts Technology Park Corporation (A Component Unit of the Commonwealth of Massachusetts)

Management's Discussion and Analysis (Unaudited) Summary of Changes in Net Position Years Ended June 30, 2017 and 2016

|                                   |                            | 2017                        |                |                            | 2016                        |                |
|-----------------------------------|----------------------------|-----------------------------|----------------|----------------------------|-----------------------------|----------------|
|                                   | Governmental<br>Activities | Business-Type<br>Activities | Total          | Governmental<br>Activities | Business-Type<br>Activities | Total          |
| Revenue:                          |                            |                             |                |                            |                             |                |
| State funding                     | \$ 18,174,258 \$           | \$<br>'<br>\$               | 18,174,258     | \$ 26,878,430              | \$                          | 26,878,430     |
| Federal funds                     |                            |                             |                | 394,591                    |                             | 394,591        |
| Outsourced corporate services     | 000'06                     |                             | 90,000         | 75,000                     |                             | 75,000         |
| Other revenue                     | 1,379,724                  |                             | 1,379,724      | 1,283,080                  |                             | 1,283,080      |
| Campus operations                 | •                          | 844,574                     | 844,574        |                            | 810,347                     | 810,347        |
| Total revenue                     | 19,643,982                 | 844,574                     | 20,488,556     | 28,631,101                 | 810,347                     | 29,441,448     |
| Expenses:                         |                            |                             |                |                            |                             |                |
| Innovation Institute              | 8,516,739                  | •                           | 8,516,739      | 11,138,910                 |                             | 11,138,910     |
| Massachusetts e-Health Institute  | 7,934,245                  |                             | 7,934,245      | 7,044,637                  | ·                           | 7,044,637      |
| Massachusetts Broadband Institute | 14,119,084                 |                             | 14,119,084     | 13,309,281                 |                             | 13,309,281     |
| Economic Development              | 119,674                    |                             | 119,674        | 127,132                    |                             | 127,132        |
| Outsourced corporate services     | 000'06                     |                             | 90,000         | 75,000                     |                             | 75,000         |
| Campus operations                 | •                          | 1,065,879                   | 1,065,879      | •                          | 674,573                     | 674,573        |
| Total expenses                    | 30,779,742                 | 1,065,879                   | 31,845,621     | 31,694,960                 | 674,573                     | 32,369,533     |
| Net position                      | (11,135,760)               | (221,305)                   | (11,357,065)   | (3,063,859)                | 135,774                     | (2,928,085)    |
| Investment earnings               | 356,824                    | 136,037                     | 492,861        | 151,935                    | 63,905                      | 215,840        |
| Change in net position            | (10,778,936)               | (85,268)                    | (10,864,204)   | (2,911,924)                | 199,679                     | (2,712,245)    |
| Net position - beginning of year  | 102,745,196                | 22,324,938                  | 125,070,134    | 105,657,120                | 22,125,259                  | 127,782,379    |
| Net position - end of year        | \$ 91,966,260 \$           | 22,239,670                  | \$ 114,205,930 | \$ 102,745,196             | \$ 22,324,938 \$            | \$ 125,070,134 |

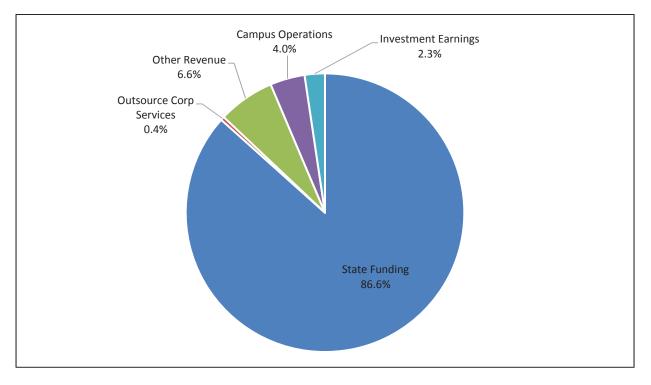
(A Component Unit of the Commonwealth of Massachusetts)

Management's Discussion and Analysis (Unaudited) Years Ended June 30, 2017 and 2016

Total governmental and business-type revenues, including investment earnings, were approximately \$21.0 million for the fiscal year ended on June 30, 2017, which was a decrease of approximately \$8.7 million from the prior year. The change in the revenue results from a decrease of approximately \$8.7 million in state revenue. The state funding decreased primarily due to decreased reimbursement funding for the Scientific and Technology Research and Development Matching Grant Fund and the MBI Last Mile Program, as well as decreased appropriations for the Innovation Institute, MassCAN and the MassTech Intern Partnership and Massachusetts Innovation Mentoring Initiative. Total expenses decreased by approximately \$0.5 million. MeHI's expenses for Connected Communities and eQIP grants. MBI expenses increased by approximately \$0.8 million, primarily as a result of an increase in financial assistance expenses for Connected Communities and eQIP grants. MBI expenses increased by approximately \$0.8 million, primarily as a result of an increase in financial assistance expenses for Connected Communities and eQIP grants. MBI expenses to Last Mile towns. The Innovation Institute's expenses decreased by approximately \$2.6 million, primarily as a result of a decrease in financial assistance expenses for the Scientific and Technology Research and Development Matching Grants.

#### <u>Revenue</u>

The total revenues of MassTech for the fiscal year ended June 30, 2017, were \$21.0 million, including investment earnings. Total revenues break down by source as follows:



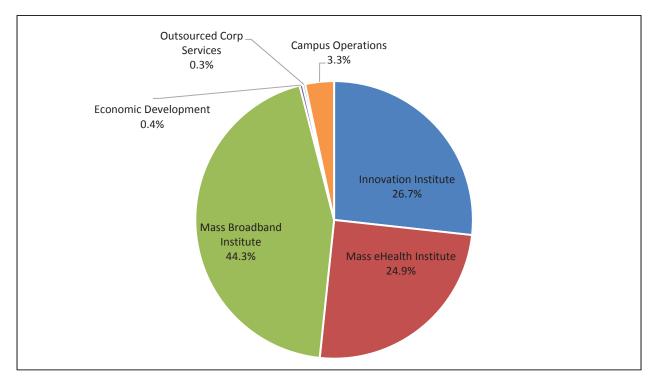
MassTech's primary source of programmatic revenue during this fiscal year was state funding. The state funding included bond funds for MBI and the Innovation Institute's R&D Matching Grant Fund, the Innovation Institute appropriations, and funds pursuant to Chapter 224 under the MeHI division. State funding also included funding for the Medicaid Services program. Other sources of revenue for fiscal year 2017 include fees from the Massachusetts Life Sciences Center for outsourced corporate services, network operator payments, rentals of campus buildings, and investment earnings.

(A Component Unit of the Commonwealth of Massachusetts)

Management's Discussion and Analysis (Unaudited) Years Ended June 30, 2017 and 2016

### Expenses

The expenses for fiscal year 2017 were approximately \$31.8 million, which includes approximately \$11.6 million of financial assistance expenses and \$7.1 million of depreciation expense, most of which related to the MassBroadband 123 network. Financial assistance expenses are those paid out to award recipients or third-parties for projects which directly benefit the stakeholders in the Commonwealth. The financial assistance expenses in fiscal year 2017 relate to awards made in prior fiscal years as well as the current fiscal year. The breakdown of expense by division, based upon the fund-level financial statements is as follows:



### Requests for Information

This report is intended to provide an overview of MassTech's financial condition. Questions concerning any of the information in this report or request for additional information should be addressed to the Massachusetts Technology Park Corporation, 75 North Drive, Westborough, MA 01581 and to the attention of the Controller.

(A Component Unit of the Commonwealth of Massachusetts)

Statement of Net Position June 30, 2017

|   | Governmental<br>Activities | Business-Type<br>Activities    | Total                                   |
|---|----------------------------|--------------------------------|---|
| ASSETS  | ٨                          | <b>•</b> • • • • • • • • • • • | • · · · · · · · · · · · · · · · · · · · |
| Cash and cash equivalents                         | \$ -                       |                                | \$ 13,443,371                           |
| Restricted cash and cash equivalents              | 27,717,824                 | 2,601,538                      | 30,319,362                              |
| Accounts receivable:                              |                            | 440.004                        | 110.00                                  |
| Due from other funds                              | -                          | 113,861                        | 113,861                                 |
| Other receivables                                 | 4,969,149                  | 15,951                         | 4,985,100                               |
| Prepaid expense and other assets                  | 457,405                    | -                              | 457,40                                  |
| Cash committed for program awards:                |                            |                                |   |
| Cash and cash equivalents                         | 8,157,100                  | -                              | 8,157,100                               |
| Total noncapital assets                           | 41,301,478                 | 16,174,721                     | 57,476,199                              |
| Capital assets (net of accumulated depreciation): |                            |                                |   |
| Buildings   | 54,796                     | 5,710,389                      | 5,765,18                                |
| Improvements                                      | 95,726                     | 463,403                        | 559,12                                  |
| Equipment   | 120,286                    | 732                            | 121,01                                  |
| Furniture and fixtures                            | 162,188                    | 18,695                         | 180,88                                  |
| Fiber network                                     | 64,703,141                 | -                              | 64,703,14                               |
| Total capital assets                              | 65,136,137                 | 6,193,219                      | 71,329,356                              |
| Total assets                                      | 106,437,615                | 22,367,940                     | 128,805,55                              |
| LIABILITIES                                       |                            |                                |   |
| Accounts payable                                  | 1,502,614                  | 75                             | 1,502,68                                |
| Accrued expenses                                  | 11,600,754                 | -                              | 11,600,754                              |
| Due to other funds                                | 113,861                    | -                              | 113,86                                  |
| Other liabilities                                 | 87,852                     | 128,195                        | 216,04                                  |
| Total liabilities                                 | 13,305,081                 | 128,270                        | 13,433,35                               |
| DEFERRED INFLOWS OF RESOURCES                     |                            |                                |   |
| Non-exchange revenue received in advance          | 1,166,274                  | -                              | 1,166,27                                |
| Total deferred inflows of resources               | 1,166,274                  | -                              | 1,166,27                                |
| NET POSITION                                      |                            |                                |   |
| Net investment in capital assets                  | 65,136,137                 | 6,193,219                      | 71,329,35                               |
| Restricted for:                                   |                            |                                |   |
| Massachusetts e-Health Institute                  | 15,958,263                 | -                              | 15,958,26                               |
| Innovation Institute                              | 4,431,549                  | -                              | 4,431,54                                |
| Massachusetts Broadband Institute                 | 1,779,630                  | -                              | 1,779,63                                |
| Economic development                              | 4,660,681                  | -                              | 4,660,68                                |
| Campus development/other corporate purposes       | -                          | 2,601,538                      | 2,601,53                                |
| Unrestricted                                      |                            | 13,444,913                     | 13,444,91                               |
| Total net position                                | \$ 91,966,260              | \$ 22,239,670                  | \$ 114,205,93                           |

| Technology Park Corporation | of the Commonwealth of Massachusetts) |
|-----------------------------|---------------------------------------|
| Massachusetts T             | (A Component Unit of                  |

Statement of Activities Year Ended June 30, 2017

|  | I             |         | Program<br>Revenue<br>Charges for | Operating<br>Grants and |   | nse) R<br>Change<br><u>Vet Pos</u><br>tal | evenue and<br>es<br>sition<br>Business-Type | -              |
|--|---------------|---------|-----------------------------------|-------------------------|---|---|---|----------------|
| Functions/Programs                             | Expenses      | S       | Services                          | Contributions           |   | Activities                                | Activities                                  | l otal         |
| Governmental activities:                       |               |         |                                   |                         |   |   |   |                |
| Innovation Institute                           | \$ 8,516,739  | ,739 \$ | 236,878                           | \$ 4,471,789            | ŝ | (3,808,072) \$                            |   | \$ (3,808,072) |
| Massachusetts e-Health Institute               | 7,934,245     | ,245    | 1,966,685                         | 6,355,889               |   | 388,329                                   | I   | 388,329        |
| Massachusetts Broadband Institute              | 14,119,084    | ,084    | 1,339,888                         | 5,182,853               |   | (7,596,343)                               | I   | (7,596,343)    |
| Economic development                           | 116           | 19,674  | ı                                 |                         |   | (119,674)                                 | ·   | (119,674)      |
| Outsourced corporate services                  | 90            | 90,000  | 90,000                            |                         |   |   |   |                |
| Total governmental activities                  | 30,779,742    | ,742    | 3,633,451                         | 16,010,531              |   | (11,135,760)                              | I   | (11,135,760)   |
| Business-type activities:<br>Campus operations | 1.065.879     | 879     | 844.574                           |                         |   |   | (221.305)                                   | (221.305)      |
| Total business-type activities                 | 1,065,879     | ,879    | 844,574                           |                         |   | 1   | (221,305)                                   | (221,305)      |
| Total  | \$ 31,845,621 | ,621 \$ | 4,478,025                         | \$ 16,010,531           |   | (11,135,760)                              | (221,305)                                   | (11,357,065)   |
| General Revenues:                              |               |         |                                   |                         |   |   |   |                |
| Investment earnings                            |               |         |                                   |                         |   | 356,824                                   | 136,037                                     | 492,861        |
| Change in net position                         |               |         |                                   |                         |   | (10,778,936)                              | (85,268)                                    | (10,864,204)   |
| Net position - beginning of year               |               |         |                                   |                         |   | 102,745,196                               | 22,324,938                                  | 125,070,134    |
| Net position - end of year                     |               |         |                                   |                         | ю | 91,966,260 \$                             | 22,239,670                                  | \$ 114,205,930 |

# Massachusetts Technology Park Corporation (A Component Unit of the Commonwealth of Massachusetts)

Balance Sheet - Governmental Fund June 30, 2017

|  | <br>eneral Fund  |
|--|------------------|
| ASSETS   |                  |
| Restricted cash and cash equivalents   | \$<br>27,717,824 |
| Other receivables  | 4,969,149        |
| Prepaid expenses and other assets  | 457,405          |
| Cash committed for program awards:   | 0 4 5 7 4 0 0    |
| Cash and cash equivalents  | <br>8,157,100    |
| Total assets   | \$<br>41,301,478 |
| LIABILITIES, DEFERRED INFLOWS OF RESOURCES, AND FUND BALANCE<br>Liabilities:   |                  |
| Accounts payable   | \$<br>1,502,614  |
| Accrued expenses   | 7,570,110        |
| Due to other funds   | 113,861          |
| Other current liabilities  | 38,770           |
| Total liabilities  | <br>9,225,355    |
| Deferred inflows of resources:   |                  |
| Unavailable revenue  | 1,720,744        |
| Non-exchange revenue received in advance   | 1,166,274        |
| Total deferred Inflows of resources  | <br>2,887,018    |
| Fund balance:  |                  |
| Non-Spendable  | 457,405          |
| Committed  | 8,157,100        |
| Restricted   | <br>20,574,600   |
| Total fund balance   | 29,189,105       |
| Total liabilities, deferred Inflows of resources, and fund balance   | \$<br>41,301,478 |
| Total fund balance of governmental fund  | \$<br>29,189,105 |
| Amounts reported for governmental funds above and those reported for governmental activities in the statement of net position are different because: |                  |
| Some liabilities are not due and payable in the current period and therefore are not reported in the fund statements                                 | (4,079,726)      |
| Unavailable revenues met the criteria for revenue recognition in the statement of activities   | 1,720,744        |
| Capital assets used in governmental activities are not financial resources   |                  |
| and, therefore, not reported in funds (net of accumulated depreciation)  | <br>65,136,137   |
| Net position of governmental activities  | \$<br>91,966,260 |

(A Component Unit of the Commonwealth of Massachusetts)

Statement of Revenue, Expenditures and Changes in Fund Balance - Governmental Fund Year Ended June 30, 2017

|   | G  | eneral Fund  |
|---|----|--------------|
| Revenue:  |    |              |
| State funding   | \$ | 17,245,436   |
| Investment earnings   |    | 356,824      |
| Outsourced corporate services   |    | 90,000       |
| Other revenue   |    | 1,240,111    |
| Total revenues  |    | 18,932,371   |
| Expenditures:   |    |              |
| Innovation Institute  |    | 8,489,975    |
| Massachusetts e-Health Institute  |    | 7,736,543    |
| Massachusetts Broadband Institute   |    | 7,770,557    |
| Economic development  |    | 117,052      |
| Outsourced corporate services   |    | 90,000       |
| Total expenditures  |    | 24,204,127   |
| Net change in fund balance  |    | (5,271,756)  |
| Fund balance - beginning of year  |    | 34,460,861   |
| Fund balance - end of year  | \$ | 29,189,105   |
| Net change in fund balance - general fund   | \$ | (5,271,756)  |
| Amounts reported for governmental funds above and those reported for governmental activities in the statement of activities are different because:  |    |              |
| Unavailable revenues met the criteria for revenue recognition in the  |    |              |
| statement of activities   |    | 1,720,744    |
| Some revenues in the fund statements were recognized in the   |    |              |
| statement of activities in a prior year   |    | (652,309)    |
| Some programmatic expenses reported in the statement of activities do not require<br>the use of current financial resources and, therefore, are not reported as expenditures<br>in the governmental funds:<br>Amortization of deferred rent |    | 31,752       |
|   |    |              |
| Governmental funds report capital outlays as expenditures, however, in the  |    |              |
| statement of activities, the cost of capital is allocated over their estimated useful   |    |              |
| lives as depreciation expense. In the current period these amounts are:   |    | (6,607,367)  |
| Change in net position of governmental activities   | \$ | (10,778,936) |

(A Component Unit of the Commonwealth of Massachusetts)

Statement of Net Position - Proprietary Fund June 30, 2017

| ASSETS  |    | Campus<br>Operations |
|---|----|----------------------|
| Current assets:   | •  | 40,440,074           |
| Cash and cash equivalents   | \$ | 13,443,371           |
| Restricted cash and cash equivalents                              |    | 2,601,538            |
| Due from other funds  |    | 113,861              |
| Prepaid expenses and other current assets                         |    | 15,951               |
| Total current assets  |    | 16,174,721           |
| Capital assets:   |    |                      |
| Buildings   |    | 20,383,318           |
| Improvements  |    | 1,297,849            |
| Equipment   |    | 87,191               |
| Furniture and fixtures  |    | 171,464              |
| Total capital assets  |    | 21,939,822           |
| Less - accumulated depreciation                                   |    | (15,746,603)         |
| Total capital assets - net  |    | 6,193,219            |
| rotal capital assets - net  |    | 0,100,210            |
| Total assets  | \$ | 22,367,940           |
| LIABILITIES   |    |                      |
| Current liabilities:  |    |                      |
| Accrued expenses  | \$ | 75                   |
| Other liabilities   |    | 127,370              |
| Total current liabilities   |    | 127,445              |
| Noncurrent liabilities:   |    |                      |
| Other liabilities   |    | 825                  |
| Total noncurrent liabilities                                      |    | 825                  |
| Total liabilities   |    | 128,270              |
| NET POSITION  |    |                      |
| Net investment in capital assets                                  |    | 6,193,219            |
| Restricted for campus development/other purposes                  |    | 2,601,538            |
| Unrestricted  | _  | 13,444,913           |
| Total net position  |    | 22,239,670           |
| Total liabilities, deferred inflow of resources, and net position | \$ | 22,367,940           |

(A Component Unit of the Commonwealth of Massachusetts)

Statement of Revenue, Expenses and Changes in Net Position - Proprietary Fund Year Ended June 30, 2017

|  | Campus<br>Operations |
|--|----------------------|
| Operating revenue:                     | <b>^</b>             |
| Operating lease revenue                | \$ 691,567           |
| Reimbursement from other funds         | 152,926              |
| Other revenue                          | 81                   |
| Total operating revenue                | 844,574              |
| Operating expenses:                    |                      |
| Personnel and support services         | 456,935              |
| Depreciation                           | 608,944              |
| Total expenses                         | 1,065,879            |
| Operating loss                         | (221,305)            |
| Nonoperating revenue - interest income | 136,037              |
| Change in net position                 | (85,268)             |
| Total net position - beginning of year | 22,324,938           |
| Total net position - end of year       | \$ 22,239,670        |

(A Component Unit of the Commonwealth of Massachusetts)

Statement of Cash Flows - Proprietary Fund Year Ended June 30, 2017

|  | (  | Campus<br>Operations |
|--|----|----------------------|
| Cash flows from operating activities:  | •  |                      |
| Receipts from leases and rentals   | \$ | 702,761              |
| Other operating income   |    | 81                   |
| Reimbursement from other funds   |    | 152,926              |
| Payroll and vendor payments  |    | (437,416)            |
| Net cash provided by operating activities  |    | 418,352              |
| Cash flows from noncapital financing activities - interfund activities           |    | 600,760              |
| Cash flows used in capital and related financing activities - capital purchases  |    | (96,517)             |
| Cash flows from investing activities - interest received                         |    | 136,037              |
| Net increase in cash and cash equivalents  |    | 1,058,632            |
| Cash and cash equivalents-beginning of year                                      |    | 14,986,277           |
| Cash and cash equivalents-end of year  | \$ | 16,044,909           |
| Displayed as:  |    |                      |
| Cash and cash equivalents  | \$ | 13,443,371           |
| Restricted cash and cash equivalents   |    | 2,601,538            |
| ·  |    | , ,                  |
|  | \$ | 16,044,909           |
| Reconciliation of operating income to net cash provided by operating activities: |    |                      |
| Operating loss   | \$ | (221,305)            |
| Adjustments to reconcile operating income to net cash provided by                |    |                      |
| operating activities:  |    |                      |
| Depreciation   |    | 608,944              |
| Changes in assets and liabilities:   |    |                      |
| Accounts receivables   |    | 12,320               |
| Prepaid Expenses   |    | 27,265               |
| Accrued expenses   |    | (7,680)              |
| Other liabilities  |    | (1,192)              |
|  |    |                      |
| Net cash provided by operating activities  | \$ | 418,352              |

(A Component Unit of the Commonwealth of Massachusetts)

Notes to Financial Statements Year Ended June 30, 2017

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The financial statements of the Massachusetts Technology Park Corporation ("MassTech" or the "Organization"), which does business as the Massachusetts Technology Collaborative, have been prepared in conformity with accounting principles generally accepted in the United States of America ("GAAP") as applied to government entities. The Governmental Accounting Standards Board ("GASB") is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The Organization's significant accounting policies are described below.

#### Reporting Entity

The Organization is a public instrumentality of the Commonwealth of Massachusetts (the "Commonwealth") created pursuant to Chapter 40J of the Massachusetts General Laws ("MGL"). The public purpose of MassTech is to advance the growth and development of the technology sector of the Commonwealth's economy.

Mass Tech is responsible for the oversight of:

- The Innovation Institute at MassTech (the "Innovation Institute"), a technology and innovation economic development effort, identifying key opportunities for economic growth and supporting industry-led growth initiatives within the high technology sector of the economy;
- (ii) The Massachusetts e-Health Institute ("MeHI"), established to advance the adoption and dissemination of health technologies across the Commonwealth;
- (iii) The Massachusetts Broadband Institute ("MBI"), established to extend affordable broadband access to unserved and underserved communities in Massachusetts;
- (iv) International Enterprise Initiative ("IEI"), focused on international economic development activities for the technology sector in Massachusetts;
- (v) A 36-acre campus and its related operations.

MassTech is governed by a board of directors (the "Board") comprised of 23 members, including 20 individuals appointed by the Governor and three state officials that serve in an ex officio capacity, including the Secretary of Administration and Finance, the Secretary of Housing and Economic Development, and the Commissioner of Higher Education.

In accordance with the requirements of GASB Statement No. 14, *The Financial Reporting Entity*, GASB Statement No. 39, *Determining Whether Certain Organizations Are Component Units - an Amendment of GASB Statement 14*, and GASB Statement No. 61, *the Financial Reporting Entity: Omnibus - an amendment of GASB Statements No. 14 and No. 34*, the financial statements must present the Organization and its component units. The Organization has no component units. The Organization, however, is considered a component unit of the Commonwealth and, accordingly, its financial statements are incorporated into the financial statements of the Commonwealth.

(A Component Unit of the Commonwealth of Massachusetts)

Notes to Financial Statements Year Ended June 30, 2017

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES...continued

#### Government-Wide and Fund-Level Financial Statements

The financial statements include both government-wide and fund-level reporting. The government-wide financial statements (i.e., the statement of net position and the statement of activities) report information on all of the non-fiduciary activities of the Organization. In the government-wide reporting model, governmental activities (those supported by state funding, federal grants, and other program generated sources) are reported separately from business-type activities which rely on fees and charges for support. The statement of activities demonstrates the degree to which the expenses of a given function are offset by program revenue. Expenses are those that are clearly identifiable with a specific function. Program revenue includes (1) state appropriations, bond funding, and other funding that support specific programmatic functions of the Organization; (2) network operator fees; (3) lease and rental revenue; and (4) event sponsorship and other revenues. The effects of interfund activity has been removed from these statements.

The fund-level statements are separate financial statements provided for governmental funds and proprietary funds. In the fund-level reporting model, MassTech reports its financial position and results of operations in funds, each of which is considered a separate accounting entity. The operations of each fund are accounted for with a self-balancing set of accounts that comprise its assets, liabilities, fund balance or net position, revenue, and expenditures/expenses. Transactions between funds, if any, have not been eliminated.

The Organization reports the following major governmental fund:

• The General Fund is the Organization's primary operating fund. It accounts for all financial resources of the Organization used in its governmental activities. Specifically, the General Fund is used to account for the Innovation Institute, MBI, MeHI, and the IEI.

The Organization reports the following major proprietary fund:

• The Campus Operations Fund accounts for the activities of the Organization's operations related to the Massachusetts Technology Park campus and related development.

#### Measurement Focus, Basis of Accounting, and Financial Reporting Presentation

The government-wide financial statements are reported using the economic resources measurement focus and the accrual basis of accounting, as is the proprietary fund in the fund-perspective financial statements. Revenue is recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. State appropriations and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

(A Component Unit of the Commonwealth of Massachusetts)

Notes to Financial Statements Year Ended June 30, 2017

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES...continued

Measurement Focus, Basis of Accounting, and Financial Reporting Presentation...continued

Governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Revenues are recognized as they become susceptible to accrual: generally, when they are both measurable and available. Revenue is considered available when it is collectible within the current period or soon enough thereafter to pay liabilities of the current period, generally within 60 days of the fiscal year end. Significant revenues susceptible to accrual include state appropriation and bond revenue. Expenditures are generally recorded when a liability is incurred, as under accrual accounting. However, grant expenditures are recorded when payment is due from current available financial resources.

The proprietary fund distinguishes between operating revenue and expenses and non-operating items. Operating revenue and expenses generally result from providing services in connection with the proprietary fund's principal ongoing operations. The principal operating revenue of the campus operations is rental income. Operating expenses include the cost of operating and maintaining the campus and depreciation. All revenue and expenses not meeting this definition are reported as non-operating revenue and expenses.

#### **Budgets and Appropriations**

Annual budgets are adopted on a basis consistent with GAAP. MassTech's annual budgets are initially developed through an internal process that includes the submission of operational and programmatic projections from senior managers. Internal budget projections are then reviewed and modified as appropriate by MassTech's executive management. The annual budget is presented to the Board-level Finance and Audit Committee (the "Committee") and other appropriate programmatic committees for further review, comment, and modifications. The Committee then presents the annual operating budget to MassTech's Executive Committee of the Board for final approval and adoption. During the year, MassTech's executive management meets with the Committee to review actual-to-budget variances and identify any adjustments that may be required. The budget approved by the Board is used for the purposes of management accountability. The budget passed by the Board is not, however, considered a legally adopted budget and, therefore, is not presented as required supplemental information to the financial statements.

#### Cash and Cash Equivalents

Cash and cash equivalents consist substantially of interest-bearing deposits with financial institutions and investments with maturities of three months or less when acquired. MassTech maintains funds that are restricted as to use either by contractual agreement or State funding intent.

#### Cash and Cash Equivalents - Committed for Program Awards

Such amounts represent cash and cash equivalents held by MassTech to be expended for certain programmatic purposes based upon specific awards approved by the Chief Executive Officer, the Board, or appropriate committee in accordance with the particular program's legislative intent.

(A Component Unit of the Commonwealth of Massachusetts)

Notes to Financial Statements Year Ended June 30, 2017

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES...continued

#### Investments

MassTech's investments are reported at fair value using quoted market price or the best available estimate thereof. Fair value is defined by GASB Statement No. 72, *Fair Value Measurement and Application*, defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. MassTech categorizes its fair value measurements within the fair value GAAP hierarchy.

The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. All investment income, including changes in the fair value of investments, is reported as revenue in the accompanying statements of revenues, expenses and changes in net position. None of MassTech's investments in 2017 and 2016 qualified to be reported under this hierarchy in accordance with GASB Statement No. 72, *Fair Value Measurement and Application*, but instead qualify as cash equivalents under GASB Statement No. 79, *Certain External Investment Pools and Pool Participants*, as MassTech participates in a qualifying external investment pool that measures for financial reporting purposes all of its investments at amortized cost as described in Note 2.

#### Accounts Receivable

Accounts Receivable represents the amounts owed to MassTech from the Commonwealth of Massachusetts and from other sources of income and reimbursements. Balances that management has deemed uncertain with regard to collectability have been reserved. No reserves were deemed necessary at June 30, 2017.

#### Capital Assets

Capital assets in the proprietary fund and government-wide governmental activities with a value of greater than \$5,000 at the date acquired are recorded at cost, or in instances of donation, at fair value at the date of donation. The estimated useful life of the asset categories are as follows:

| Buildings                     | 40 years    |
|-------------------------------|-------------|
| Improvements                  | 5 - 7 years |
| Equipment                     | 3 years     |
| Furniture and fixtures        | 7 years     |
| Fiber network - outside plant | 20 years    |
| Conduit                       | 20 years    |
| Indefeasible rights of use    | 25 years    |
| Point of interconnections     | 10 years    |
| Other network equipment       | 5 years     |

Depreciation is recorded using the straight-line method over the estimated useful lives of the assets.

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Notes to Financial Statements Year Ended June 30, 2017

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES...continued

#### Deferred Inflows of Resources

In addition to liabilities, the governmental balance sheet will sometimes report a separate section for deferred inflows of resources. This separate financial statement element represents an acquisition of net position that applies to future periods and so will not be recognized as an inflow of resources (revenue) until that time. MassTech reports its governmental fund unavailable revenues in this category. These amounts are deferred and recognized as an inflow of resources in the period that the amounts become available.

#### Net Position

- Net investment in capital assets Net investment in capital assets represent net position consisting of capital assets, net of accumulated depreciation. At June 30, 2017, the government-wide statement of net position reports approximately \$71.3 million of net investments in capital assets.
- Restricted Restricted net position represents net position that is not available as it's legally restricted by enabling legislation or by outside parties for use for a specific purpose. Specifically, the Organization's restricted net position is restricted for use in the Innovation Institute, MeHI, MBI, other legislatively approved mandates, and for other purposes related to the operations of the campus and for programmatic development. At June 30, 2017, the government-wide statement of net position reports approximately \$29.4 million of restricted net position.
- Unrestricted Unrestricted net position represents net position that is not subject to legal restrictions imposed by enabling legislation or by outside parties for use for a specific purpose. Unrestricted net position may be designated for specific purposes by action of management or the Board or may otherwise be limited by contractual agreements with outside parties. As of June 30, 2017, the government-wide statement of net position reports approximately \$13.4 million of unrestricted net position.

#### Fund Balance

The governmental fund financial statements present fund balances based on classifications that are based primarily on the extent to which MassTech is bound to honor constraints on the specific purposes for which amounts in the respective governmental funds can be spent. The classifications used in the governmental fund financial statements are as follows:

 Non-spendable – This classification includes amounts not in a spendable form, or funds legally or contractually required to be maintained intact. MassTech has classified its prepaid expenses as non-spendable.

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Notes to Financial Statements Year Ended June 30, 2017

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES...continued

#### Fund Balance...continued

- Committed This classification includes amounts that can only be used for specific purposes pursuant to constraints imposed by formal action of MassTech's highest required level of decision-making authority. Committed fund balance also incorporates contractual obligations to the extent that existing resources in the fund have been specifically committed for use in satisfying those contractual requirements.
- Restricted This classification includes amounts for which constraints have been placed on the use of the resources either (a) externally imposed by grantors, contributors, or laws or regulations of other governments, or (b) imposed by law through constitutional provisions or enabling legislation. MassTech has classified legislatively appropriated funds for MBI, MEHI, and Innovation Institute and related investment earnings as restricted. In additional MassTech also classifies other funds from the Commonwealth or third parties that have specified purposes as restricted.

#### Net Position and Fund Flow Assumption

MassTech generally uses amounts committed for the intended purposes first. If restricted resources are available for use for a certain purpose, the Organization would use those restricted resources next, and then unrestricted resources as needed.

#### Income Taxes

MassTech has been determined to be a component unit of the Commonwealth. Accordingly, income earned by MassTech is not included within the definition of income as defined in Section 61 of the Internal Revenue Code. Therefore, MassTech is not required to file federal and state income tax returns.

#### Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenditures during the reporting period. Actual results could differ from those estimates.

#### Recently Issued Accounting Pronouncements

In December 2015, GASB issued GASB Statement No. 79, *Certain External Investment Pools and Pool Participants*, which addresses accounting and financial reporting for certain external investment pools and pool participants. Specifically, it establishes criteria for an external investment pool to qualify for making the election to measure all of its investments at amortized cost for financial reporting purposes. The provisions of this standard are effective for reporting periods beginning after June 15, 2016 and have been reflected in the measurement of MassTech's investments that qualify for classification as cash equivalents outlined in Note 2.

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Notes to Financial Statements Year Ended June 30, 2017

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES...continued

#### Recently Issued Accounting Pronouncements...continued

In November 2016 GASB issued GASB Statement No. 83, *Certain Asset Retirement Obligations*, which addresses accounting and financial reporting for certain asset retirement obligations (AROs). An ARO is a legally enforceable liability associated with the retirement of a tangible capital asset. A government that has legal obligations to perform future asset retirement activities related to its tangible capital assets should recognize a liability based on the guidance in this Statement. The requirements of this Statement are effective for reporting periods beginning after June 15, 2018. Earlier application is permitted. MassTech is currently evaluating the impact this pronouncement will have on the financial statements.

In March 2017, GASB issued GASB Statement No. 85, *Omnibus 2017*, which addresses practice issues that have been identified during implementation and application of certain GASB Statements. This Statement addresses a variety of topics including issues related to blending component units, goodwill, fair value measurement and application, and recognition of on-behalf payment for pensions and other postemployment benefits. The provisions of this standard are effective for reporting periods beginning after June 15, 2017. Early adoption is permitted. MassTech is currently evaluating the impact this pronouncement will have on the financial statements.

In June 2017, GASB issued GASB Statement No. 87, *Leases*. The objective of this Statement is to better meet the information needs of financial statement users by improving accounting and financial reporting for leases by governments. This Statement increases the usefulness of governments' financial statements by requiring recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this Statement, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources, thereby enhancing the relevance and consistency of information about governments' leasing activities. The provisions of this standard are effective for reporting periods beginning after December 15, 2019. Early adoption is permitted. MassTech is currently evaluating the impact this pronouncement will have on the financial statements.

#### 2. CASH AND CASH EQUIVALENTS

The Board of MassTech is empowered under Chapter 40J of the MGL to invest corporate assets pending their programmatic use pursuant to the prudent investor rule under Massachusetts law, subject to the fiduciary standards contained in Chapter 32 of the MGL. During fiscal year 2017, these assets were fully allocated to short-term investments/money market accounts which qualify as cash equivalents.

<u>Custodial Credit Risk – Deposits:</u> Custodial credit risk for deposits exists when, in the event of a failure of a depository financial institution, MassTech's deposits may not be recovered. MassTech does not have a formal policy for custodial credit risk.

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Notes to Financial Statements Year Ended June 30, 2017

#### 2. CASH AND CASH EQUIVALENTS...continued

At June 30, 2017, bank deposits were \$613,165 which excludes the amount held in the Massachusetts Municipal Depository Trust ("MMDT" or the "Trust"). Of that amount \$250,000 was not exposed to custodial credit risk as uninsured and uncollateralized because it was insured by the FDIC. The remaining balance of \$363,165 was exposed to such risk.

The Organization invests some of its funds in the MMDT, an investment pool for political subdivisions of the Commonwealth designed as a legal means to invest temporarily available cash. The state treasurer serves as the trustee of MMDT, and has sole authority pertaining to rules, regulations, and operations of the Trust.

Investment options the MMDT offers are a cash portfolio which offers participation in a diversified portfolio of high-quality money-market instruments that seek the highest possible level of current income consistent with preservation of capital and liquidity and Short-Term Bond Portfolio which offers participation in a diversified portfolio of investment-grade, short-term, fixed-income securities that seeks to generate performance exceeding the Barclays 1-5 Year Government/Credit Bond Index, presenting a fixed-income alternative with a longer time horizon than the cash portfolio. A participant's holdings in the Trust are not subject to creditors of the Commonwealth, nor will the Trust itself be affected by the financial difficulties of any participant. Amounts held at MMDT are uninsured and uncollateralized. MassTech's investment balance as of June 30, 2017 at MMDT was solely in the cash portfolio. The cash portfolio is not registered with the Securities and Exchange Commission as an investment company, but maintains a policy to operate in a manner as a qualifying external investment pool as defined by GASB.

GASB Statement No. 79, *Certain External Investment Pools and Pool Participants*, which amends Statement No. 31, *Accounting and Financial Reporting for Certain Investments and for External Investment Pools*, establishes accounting and financial reporting standards for state and local governments that participate in a qualifying external investment pool that measures for financial reporting purposes all of its investments at amortized cost. At June 30, 2017 MassTech's deposits with MMDT totaled \$51,809,014. A copy of the financial statements of MMDT can be obtained from the Office of the State Treasurer, 1 Ashburton Place, Boston, MA 02110

The following summarizes the cash and cash equivalents of the MassTech and identifies certain types of investment risk as defined by GASB Statement No. 40, *Deposit and Investment Risk Disclosures*, at June 30:

|  | 2017                   |
|--|------------------------|
| Cash balance<br>Massachusetts Municipal Depository Trust ("MMDT") - Cash Portfolio | \$                     |
|  | <u>\$   51,919,833</u> |

<u>Interest Rate Risk:</u> Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. MassTech manages its exposure to interest rate risk by investing solely in cash portfolios within MMDT.

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Notes to Financial Statements Year Ended June 30, 2017

#### 2. CASH AND CASH EQUIVALENTS...continued

<u>Credit Risk:</u> Credit risk is the risk that the Organization's investments will be negatively impacted due to a default of their investments. MassTech manages its exposure to credit risk by investing solely in cash portfolios within MMDT.

<u>Concentration of Credit Risk:</u> Concentration of credit risk is assumed to arise when the amount of investments that the Organization has with any one issuer exceeds five percent of the total value of the investments. MassTech manages its exposure to the concentration of credit risk by investing solely in cash portfolios within MMDT.

#### 3. CAPITAL ASSETS

Capital assets of MassTech at June 30, 2017 are summarized as follows:

|   | Governmental<br><u>Activities</u>   | Business-<br>Type<br>Activities  | Total  |
|---|---|--|--|
| Buildings<br>Improvements<br>Equipment<br>Furniture and fixtures<br>Fiber network - outside plant<br>Conduit<br>Poles<br>Indefeasible right of use<br>Points of interconnection<br>Community anchor institutions<br>Other equipment<br>Spares MB123                                     | \$ 91,803<br>500,058<br>780,541<br>504,175<br>54,974,809<br>6,150,120<br>177,568<br>4,243,317<br>13,278,406<br>6,370,251<br>765,879<br><u>1,073,725</u><br>88,910,652 | 1,297,849<br>87,191<br>171,464<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                             | $\begin{array}{c cccc} & 20,475,121 \\ & 1,797,907 \\ & 867,732 \\ & 675,639 \\ & 54,974,809 \\ & 6,150,120 \\ & 177,568 \\ & 4,243,317 \\ & 13,278,406 \\ & 6,370,251 \\ & 765,879 \\ & 1,073,725 \\ & 110,850,474 \end{array}$ |
| Less - accumulated depreciation:<br>Buildings<br>Improvements<br>Equipment<br>Furniture and fixtures<br>Fiber network - outside plant<br>Conduit<br>Poles<br>Indefeasible right of use<br>Points of interconnection<br>Community anchor institutions<br>Other equipment<br>Spares MB123 | (37,007<br>(404,332<br>(660,255<br>(341,987<br>(9,915,438<br>(1,074,032<br>(30,627<br>(680,432<br>(4,913,596<br>(4,381,650<br>(690,924<br>(644,235)<br>(23,774,515    | ) (834,446)<br>) (86,459)<br>) (152,769)<br>) -<br>) -<br>) -<br>) -<br>) -<br>) -<br>) -<br>) -<br>) -<br>) | (14,709,936)<br>(1,238,778)<br>(746,714)<br>(494,756)<br>(9,915,438)<br>(1,074,032)<br>(30,627)<br>(680,432)<br>(4,913,596)<br>(4,381,650)<br>(690,924)<br>(644,235)<br>(39,521,118)   |
| Capital assets - net  | <u>\$ 65,136,137</u>  | <u>\$    6,193,219</u>   | <u>\$ 71,329,356</u>   |

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Notes to Financial Statements Year Ended June 30, 2017

#### 3. CAPITAL ASSETS...continued

Total depreciation expense for the year ended June 30, 2017, was \$7,134,950. Of that amount, \$6,526,007 (comprising approximately \$41,971, \$227,335, \$6,253,137 and \$3,564 in the Innovation Institute, MeHI, MBI, and IEI, respectively) is reported in the governmental activities and \$608,944 is reported in the business-type activities.

| Governmental Activities   | Balance<br>July 1, 2016   | Additions  | Transfers/<br>Disposals/<br>Adjustments  | Balance<br>June 30, 2017   |
|---|---|--|--|--|
| Buildings<br>Improvements<br>Equipment<br>Furniture and fixtures<br>Fiber network - outside plant<br>Conduit<br>Poles<br>Indefeasible rights of use<br>Points of interconnection<br>Community anchor institution<br>Other equipment<br>Spares MB123<br>Construction-in-process        | \$ 91,803<br>615,462<br>1,028,596<br>532,170<br>54,920,138<br>6,150,120<br>177,568<br>4,243,317<br>13,278,406<br>6,362,509<br>765,879<br>1,073,725<br><u>174,883</u>                | \$ -<br>31,110<br>-<br>54,671<br>-<br>-<br>7,742<br>-<br>-<br>7,742<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | \$   | \$ 91,803<br>500,058<br>780,541<br>504,175<br>54,974,809<br>6,150,120<br>177,568<br>4,243,317<br>13,278,406<br>6,370,251<br>765,879<br>1,073,725                               |
| Less - accumulated depreciation:<br>Building<br>Improvement<br>Equipment<br>Furniture and fixtures<br>Fiber network - outside plant<br>Conduit<br>Poles<br>Indefeasible rights of use<br>Points of interconnection<br>Community anchor institution<br>Other equipment<br>Spares MB123 | <u>(34,353)</u><br>(471,226)<br>(744,496)<br>(300,986)<br>(7,166,246)<br>(766,526)<br>(21,749)<br>(510,699)<br>(3,585,456)<br>(3,102,097)<br>(537,748)<br>(429,490)<br>(17,671,072) | $\begin{array}{r} (81,360) \\ (2,654) \\ (48,510) \\ (194,924) \\ (68,996) \\ (2,749,192) \\ (307,506) \\ (8,878) \\ (169,733) \\ (1,328,140) \\ (1,279,553) \\ (153,176) \\ (214,745) \\ (6,526,007) \end{array}$ | (422,564)<br>-<br>115,404<br>279,165<br>27,995<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | (37,007)<br>(404,332)<br>(660,255)<br>(341,987)<br>(9,915,438)<br>(1,074,032)<br>(30,627)<br>(680,432)<br>(4,913,596)<br>(4,381,650)<br>(690,924)<br>(644,235)<br>(23,774,515) |
| Property and equipment - net  | <u>\$ 71,743,504</u>  | <u>\$ (6,607,367)</u>  | <u>\$ -</u>  | <u>\$65,136,137</u>  |

(A Component Unit of the Commonwealth of Massachusetts)

Notes to Financial Statements Year Ended June 30, 2017

#### 3. CAPITAL ASSETS...continued

| Business -Type Activities  | Balance<br>July 1, 2016   | <br>Additions  | Transfers/<br>Disposals/<br>Adjustments                    | Balance<br>June 30,2017  |
|--|---|--|--|--|
| Buildings<br>Improvements<br>Equipment<br>Furniture and fixtures                                   | \$ 20,383,318<br>1,496,499<br>1,038,298<br><u>318,221</u><br>23,236,336 | \$<br>95,554<br>963<br>96,517                              | \$ -<br>(294,204)<br>(952,070)<br>(146,757)<br>(1,393,031) | \$ 20,383,318<br>1,297,849<br>87,191<br><u>171,464</u><br>21,939,822 |
| Less - accumulated depreciation:<br>Building<br>Improvement<br>Equipment<br>Furniture and fixtures | (14,165,535)<br>(1,031,264)<br>(1,038,298)<br>(295,593)<br>(16,530,690) | <br>(507,394)<br>(97,386)<br>(231)<br>(3,933)<br>(608,944) | 294,204<br>952,070<br>146,757<br>1,393,031                 | (14,672,929)<br>(834,446)<br>(86,459)<br>(152,769)<br>(15,746,603)   |
| Property and equipment - net   | <u>\$ 6,705,646</u>   | \$<br>(512,427)  | <u>\$ -</u>  | <u>\$ 6,193,219</u>  |

#### 4. DEFINED CONTRIBUTION PLANS

MassTech has adopted a simplified employee pension plan and a matching contribution 401(a) plan, which are administered by Vanguard and TIAA-CREF, respectively.

Employees of MassTech do not participate in social security. Under the simplified pension plan, MassTech makes a monthly contribution equal to 15% of each employee's eligible wages (as defined by the plan) to their retirement account. For the year ended June 30, 2017 pension expense was \$981,440.

Under the 401(a) plan, MassTech matches 50% of employees' contributions into their defined contribution plan with a maximum MassTech contribution of 3% of the employee's salary. In accordance with the plan, these contributions will "vest" at a rate of 25% for every full year an employee has been employed at MassTech. For the year ended June 30, 2017, MassTech's total contributions were \$153,044 of which \$120,208 was vested. These contributions were based on employee contributions of \$494,038.

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Notes to Financial Statements Year Ended June 30, 2017

#### 5. LEASES

MassTech leases its Integrated Circuit Fabrication Facility ("ICFF") to an unrelated party in accordance with an operating lease (the "Lease") which will expire in April 2023 based upon an extension executed during fiscal year 2012. The Lease requires monthly base rent, as defined, payable in advance. Estimated future minimum lease payments to be received by MassTech are as follows:

| Fiscal Years | Amount              | Amount |  |
|--------------|---------------------|--------|--|
| 2018         | \$ 641,000          |        |  |
| 2019         | 640,000             |        |  |
| 2020         | 637,000             |        |  |
| 2021         | 637,000             |        |  |
| 2022         | 632,500             |        |  |
| Thereafter   | 481,500             |        |  |
|              | <u>\$ 3,669,000</u> |        |  |

MassTech continues to incur certain operating costs related to the ICFF. Under the terms of the Lease, the lessee has agreed to reimburse MassTech for these costs. For the year ended June 30, 2017, these reimbursements are included in operating lease revenue and amounted to \$59,414.

In accordance with the Lease, the lessee deposited \$125,000 with MassTech. These funds are included in other liabilities in the accompanying statement of net position for the proprietary fund at June 30, 2017.

MassTech's management monitors the financial stability of its lessee and believes that future minimum Lease payments will be received in accordance with the terms of the Lease.

MassTech leases office space at Two Center Plaza in Boston from an unrelated third party through an operating lease which will expire in September 2019. The Boston lease requires monthly rent payments and the estimated rent payments to be paid by MassTech are as follows:

| Fiscal Years         |           | Amount                       |  |
|----------------------|-----------|------------------------------|--|
| 2018<br>2019<br>2020 | \$        | 325,851<br>334,840<br>84,272 |  |
|                      | <u>\$</u> | 744,963                      |  |

In accordance with the Boston Lease, MassTech deposited \$51,687 with Lessor. These funds are included in prepaid and other assets in the accompanying statement of net position at June 30, 2017.

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Notes to Financial Statements Year Ended June 30, 2017

#### 6. RISK MANAGEMENT

MassTech is exposed to various risks of loss related to general property and casualty losses. Accordingly, MassTech's property and equipment are covered by commercial package insurance policies.

MassTech also carries umbrella coverage for general, employee benefits, automobile, and employee liability up to \$10,000,000 in excess of its base coverage, as defined.

Officers' and directors' insurance provides coverage of \$15,000,000 per claim in the aggregate.

MassTech carries a crime policy that provides coverage of \$5,000,000 for employee theft and forgery and \$3,000,000 for computer fraud and funds transfer coverage.

#### 7. INTERFUND ACTIVITY

MassTech reports interfund activity between the governmental and business-type activities which primarily consist of accounts receivable and accounts payable transactions between the funds. The balance of the activity presented in the table agrees with the sum of internal balances presented in the governmental and proprietary fund financial statements.

Internal balances between funds at June 30, 2017, consisted of the following:

| Receivable Fund   | Payable Fund | <br>Amount    |
|-------------------|--------------|---------------|
| Campus operations | General fund | \$<br>113,861 |

Interfund transfers activity was \$152, 926 at June 30, 2017.

#### 8. CONTINGENCIES

#### Design-Build Dispute

On March 21, 2014, G4S Technology LLC ("G4S"), the design-builder of the MassBroadband 123 network, submitted to MassTech a Request for Equitable Adjustment ("REA") seeking an increase in the contract price to which it had originally agreed in its design-build contract with MassTech (the "Contract"), and a time extension. After investigating the claim, MassTech rejected the request, and notified G4S that it owed MassTech liquidated damages and indemnity payments on account of G4S's failure to meet contractually mandated milestones, as well as compensation for additional costs incurred by MassTech as a result of contractual breaches by G4S, including, but not limited to, G4S's failure to perform required tasks in a manner consistent with contractual standards. On June 18, 2014, July 17, 2014, and August 15, 2014, MassTech notified G4S that it would be withholding these amounts from its contract balance payments to G4S pursuant to its set-off rights under the Contract. On July 10, 2014, the parties participated in a mediation session to discuss their respective outstanding claims which did not result in a resolution of those claims.

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Notes to Financial Statements Year Ended June 30, 2017

#### 8. **CONTINGENCIES**...continued

Thereafter, by letter dated September 10, 2014, G4S submitted an amended version of its REA to MassTech, and on September 22, 2014, G4S commenced an action in the Massachusetts Superior Court for Suffolk County, entitled G4S Technology LLC v. Massachusetts Technology Park Corporation, Civil Action No. 2014 02998 (the "G4S Action"), seeking to recover from MassTech the amount of the contract increase it sought in the amended REA, plus the contract retainage amounts withheld from G4S by MassTech in June, July and August of 2014 pursuant to its set-off rights under the Contract. On March 31, 2015, MassTech filed a response to G4S's complaint in the Action denying any liability to G4S, asserting various affirmative defenses to G4S's claims in the Action, and presenting counterclaims against G4S for, inter alia, breach of contract, fraud, and violation of M.G.L. c. 93A.

On September 15, 2015, based on evidence it obtained in discovery in the G4S Action, MassTech served G4S with a motion for summary judgment seeking dismissal of all of G4S's claims in the G4S Action on the asserted grounds that G4S intentionally breached the Contract by repeatedly failing to timely pay its subcontractors as required by the Contract, and by falsely certifying to MassTech, in connection with various requests for payment that G4S submitted to MassTech under the Contract, that G4S had paid all its subcontractors all amounts due them at the time the certifications were made. On September 17, 2015, MassTech referred the matter to the Department of Commerce Inspector General's Office as required by Section B.7 of the American Recovery and Reinvestment Act of 2009 ("Referral of False Claims to Department of Commerce Inspector General"), incorporated by reference into the federal grant award under which MassTech received some of the funds it paid to G4S under the Contract.

On March 29, 2016, the Court granted MassTech's aforesaid motion for summary judgment and dismissed G4S's \$14 million of claims against MassTech on grounds of intentional breach. Thereafter, in early 2017, the Court entered a final judgment in favor of MassTech dismissing those claims with prejudice. G4S has appealed that final judgment to the Massachusetts Supreme Judicial Court, and that appeal is pending.

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Notes to Financial Statements Year Ended June 30, 2017

#### 8. **CONTINGENCIES**...continued

#### Network Operator Dispute

In early 2014, Axia NGNetworks USA, Inc. ("Axia"), the company that has contracted with MassTech to serve as the Network Operator of the MassBroadband123 fiber optic network (the "Network"), made claims, in its discussions and correspondence with MassTech, that it should receive additional compensation from MassTech on account of a variety of factors, including but not limited to the timing of the delivery of the Network to it. After investigating those claims, MassTech determined that Axia was not entitled to any additional compensation, and in several important respects was breaching its agreement with MassTech (the "Agreement") by, inter alia, failing to meet its sales and marketing obligations under that Agreement. In mid-2014, Axia advised MassTech that it intended to pursue its claims through the dispute resolution process outlined in the Agreement, which provides for negotiation and arbitration of most claims, and in certain limited circumstances, court litigation. At the same time, MassTech advised Axia that it would pursue its claims under the Agreement through that same process. On July 10, 2014, representatives of MassTech and Axia met to discuss the parties' respective claims, but a resolution of those claims was not achieved. Thereafter, on July 18, 2014, Axia informed MassTech that pending the outcome of the parties' dispute, it would be withholding all fees and payments to or on behalf of MassTech that it was required to make under the Agreement. In response, on July 29, 2014, MassTech commenced an action in the Massachusetts Superior Court for Suffolk County, entitled Massachusetts Technology Park Corporation v. Axia NG Networks, USA, Inc., Civil Action No. 2014 02410 (the "Axia Action"), seeking to enforce the arbitration provisions in the Agreement, require Axia to continue to performing its obligations under the Agreement, prevent Axia from withholding payment of the fees and payments it was required to make to or on behalf of MassTech under the Agreement, and allow MassTech to recover its litigation costs and damages. Along with its complaint in the Axia Action, MassTech filed a motion for temporary restraining order and preliminary injunction seeking an order from the Court immediately precluding Axia from withholding payment of the fees and payments in question, and requiring it to continue to perform those and all of its other obligations under the Agreement. That motion was granted on August 1, 2014, and at that time the court issued a temporary restraining order precluding Axia from withholding payment of the fees and payments in question, and compelling it to continue to perform those and its other obligations under the Agreement. Ten days later, on August 11, 2014, the Court held a further hearing on the matter, and converted the temporary restraining order into a preliminary injunction with the same terms, which remained in effect until on March 22, 2017, Axia filed for Chapter 11 bankruptcy protection.

On March 22, 2017, Axia, which by then had changed its name to KCST USA, Inc. ("KCST"), filed a Chapter 11 bankruptcy case, entitled *In re KCST, USA, Inc.*, Case No. 17-40501 (U.S. Bankruptcy Court for the District of Massachusetts) (the "Bankruptcy Case"), in which it has now asserted its aforesaid claims against MassTech, in the amount of \$18 million (which MassTech denies), in an Adversary Proceeding. MassTech, in turn, has submitted its own Proof of Claim against KCST in the Bankruptcy Case in the amount of approximately \$31 million, to which KCST has not yet responded, and has moved to compel arbitration of both sets of claims. The Bankruptcy Court has not yet ruled on that motion. If KCST continues to pursue its claims against MassTech, either in arbitration or in the Bankruptcy Court, MassTech intends to vigorously defend against them, and pursue its counterclaims against KCST at the same time.

(A Component Unit of the Commonwealth of Massachusetts)

Notes to Financial Statements Year Ended June 30, 2017

#### 8. **CONTINGENCIES**...continued

Also, when KCST filed the Bankruptcy Case on March 22, 2017, MassTech called on a Guaranty of KCST's payment and performance obligations under the Network Operator Agreement that had been provided to MassTech six (6) years earlier, on February 25, 2011, by KCST's indirect parent company Axia NetMedia Corporation (the "Guaranty"). Instead of acknowledging its obligations under the Guaranty, Axia NetMedia, on March 22, 2017, filed a declaratory judgment action against MassTech in the U.S. District Court for the District of Massachusetts, entitled Axia NetMedia Corporation v. Massachusetts Tech. Park Corporation d/b/a Massachusetts Technology Collaborative, Case No. 4:17-cv-10482 (D. Mass.), seeking a declaratory judgment that it had no obligations under the Guaranty, based in part of the pendency of KCST's claims against MassTech under the Network Operator Agreement, and refused to perform the Guaranty.

In response, MassTech moved to compel arbitration of Axia NetMedia's claim, and requested that the District Court issue a temporary restraining order ("TRO") and preliminary injunction ("PI") compelling Axia NetMedia to perform its obligations under the Guaranty while its claims were being resolved pursuant to a "Continued Performance" provision in the Guaranty. On April 24, 2017, the District Court granted the requested TRO, and on May 18, 2017, the District Court also issued the requested PI, thereby compelling Axia NetMedia to perform its obligations under the Guaranty, which is capped at \$4 Million, during the pendency of the parties' dispute. At the same time, the District Court denied MassTech's Motion to Compel Arbitration without prejudice on grounds that it was premature. On June 14, 2017, Axia NetMedia filed a Notice of Appeal of the District Court's May 18, 2017 PI, and a subsequent Order, dated June 9, 2017, compelling it to turn over certain access codes to the Network to MassTech.

#### 9. SUBSEQUENT EVENTS

Management has evaluated subsequent events through November 8, 2017.

In the Axia Action, MassTech renewed its Motion to Compel Arbitration on June 29, 2017, and the District Court granted that motion on August 29, 2017. On July 18, 2017, MassTech filed a Demand for Arbitration of Axia NetMedia's claims, and of a substantial claim that it has against Axia NetMedia for bad faith breach of the Guaranty, with the American Arbitration Association ("AAA"). That arbitration is now pending.



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#### Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards*

#### **Independent Auditor's Report**

To the Board of Directors of Massachusetts Technology Park Corporation

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States, the financial statements of the governmental activities, business-type activities and each major fund of the Organization of the Massachusetts Technology Park Corporation (the "Organization"), a component unit of the Commonwealth of Massachusetts, as of and for the year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise Organization's basic financial statements, and have issued our report thereon dated November 8, 2017.

#### **Internal Control over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the Organization's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Organization's internal control. Accordingly, we do not express an opinion on the effectiveness of the Organization's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

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#### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the Organization's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

#### **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

RSM US LLP

Boston, Massachusetts November 8, 2017

### OFFICE OF PERFORMANCE MANAGEMENT AND OVERSIGHT Massachusetts Technology Collaborative Annual Report for 2017 Fiscal Year – Attachment 2

# Detail the number, nature and amounts of investments made and grants awarded by the agency

| ORGANIZATION  | GRANT NAME  | AWARD<br>AMOUNT | # OF<br>AWARDEES |
|---|---|-----------------|------------------|
| Multiple  | Intern Stipend Grants to<br>technology start-up<br>companies participating in<br>the MassTech Intern<br>Partnership Program   | \$711,792       | 96               |
| New England Venture<br>Capital Associations (NEVCA) | Internship Program grant for<br>portal infrastructure,<br>company and intern<br>enrollment services, and<br>event programming | \$60,000        | 1                |
| Dudley Vision Skylab, Inc.                          | Support for an entrepreneur<br>development program<br>operated in the Roxbury<br>Innovation Center                            | \$50,000        | 1                |
| UMass - Boston                                      | Support for the Global<br>Entrepreneur in Residence<br>(Global EIR) program   | \$75,000        | 1                |
| UMass - Lowell                                      | Support for the Global<br>Entrepreneur in Residence<br>(Global EIR) program   | \$10,000        | 1                |
| Valley Venture Mentors                              | Support for a start-up accelerator program  | \$100,000       | 1                |
| Entrepreneurship for All<br>(EforAll)               | Sponsorship EforAll<br>Entrepreneurship in Mid-<br>Sized Cities   | \$1,500         | 1                |
| Massachusetts Development<br>Finance Agency         | Funding for joint Holyoke<br>Innovation District-TDI Fellow<br>position   | \$90,000        | 1                |
| MassRobotics  | MassRobotics Manufacturing<br>Startup and Workforce<br>Development Award  | \$75,000        | 1                |
| Massachusetts High<br>Technology Council, Inc.      | MATTERS Tech Sector Profile<br>Support to MA High Tech<br>Council   | \$50,000        | 1                |

| ORGANIZATION                       | GRANT NAME  | AWARD       | # OF     |
|------------------------------------|---|-------------|----------|
| Warcastar Dalutashnis              | Support for the development                                   |             | AWARDEES |
| Worcester Polytechnic<br>Institute | Support for the development<br>of Practice Point facility for | \$5,000,000 | 1        |
| institute                          | Health Care Cyber-Physical                                    |             |          |
|                                    | Systems   |             |          |
| Charter Communications             | Last Mile Grant for   | \$910,000   | 1        |
|                                    | Broadband Build-out in  | 1           |          |
|                                    | Princeton   |             |          |
| Charter Communications             | Last Mile Grant for   | \$1,185,000 | 1        |
|                                    | Broadband Build-out in  |             |          |
|                                    | Egremont  |             |          |
| Charter Communications             | Last Mile Grant for   | \$1,115,000 | 1        |
|                                    | Broadband Build-out in Peru                                   |             |          |
| Charter Communications             | Last Mile Grant for   | \$680,000   | 1        |
|                                    | Broadband Build-out in  |             |          |
|                                    | Tyringham   |             |          |
| Charter Communications             | Last Mile Grant for   | \$530,000   | 1        |
|                                    | Broadband Build-out in  |             |          |
|                                    | Hancock   |             |          |
| Comcast of                         | Last Mile Grant for   | \$805,800   | 1        |
| Massachusetts/Virginia, Inc.       | Broadband Build-out in  |             |          |
| ("Comcast")                        | Montgomery  |             |          |
| Multiple                           | Broadband Planning  | \$15,000    | 3        |
|                                    | Assistance Grants   |             |          |
| Warwick, Town of                   | Last Mile Wireless Project in                                 | \$450,000   | 1        |
|                                    | Warwick   | 45.00.004   | 10       |
| Multiple                           | Utility Pole Survey services                                  | \$568,224   | 10       |
|                                    | grants to towns for   |             |          |
|                                    | broadband development   | ¢102.000    | 4        |
| Multiple                           | Electronic Health Records                                     | \$193,000   | 4        |
|                                    | Vendor Grant to develop, test<br>and implement CANS HL7       |             |          |
|                                    | interfaces  |             |          |
| MassChallenge Inc.                 | Support for the Digital Health                                | \$170,000   | 1        |
|                                    | Hub   | ÷1,0,000    | <b>–</b> |
| TechSpring                         | Support for the Digital Health                                | \$80,000    | 1        |
|                                    | Hub   |             |          |
| UMass - Lowell                     | UMass Lowell Digital Health                                   | \$5,000     | 1        |
|                                    | Hackathon Sponsorship   |             |          |