

# **ROCHESTER JOINT SCHOOLS CONSTRUCTION BOARD**



**Rochester Schools Modernization Program**

## **ANNUAL REPORT FY 2015-2016**

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## **Introduction**

The Rochester City School District has a demonstrated, twenty-year commitment to providing regular maintenance to its schools. This commitment, however, has been hampered by limits in borrowing and capacity to take on more debt service. While the buildings have been maintained, they are in need of updates to bring the learning environment into the 21<sup>st</sup> century and provide students with facilities that are comparable to neighboring suburban districts.

The RCSD occupies fifty school buildings (37 Elementary and 13 secondary). Nearly half are more than 75 years old. Given the number and overall age of the buildings in the inventory, there is a constant demand for building repair and upgrading. The RCSD does not have any buildings that have dangerous conditions; however, given the nature and use of the buildings it still must maintain a constant emphasis on long-term building maintenance.

In addition to maintenance it is also important that the instructional demands of the District's school programs are met. These demands include maintaining low class size, providing Pre-K classrooms, creating labs for computers and other technologies, expanding Special Education rooms, and providing space for school-based health centers and Student and Family Support Centers. All of these measures help to improve the overall delivery of a quality instructional program and a quality learning environment.

The Rochester Schools Modernization Program (the "RSMP") was created by New York State Legislation in 2007 in order to provide the City of Rochester (the "City") and the Rochester City School District (the "RCSD") with increased flexibility to meet the needs of its school children by providing alternative financing mechanisms for multi-phase, multi-year projects, collectively known as the RSMP.

Phase I authorized \$325 million with \$239 million in estimated "hard" construction expenses and \$86 million in design, management, financing, and other "soft" incidental program expenses. Phase II authorized \$435 million with \$297 million in estimated "hard" construction expenses and \$137 million in design, management, technology implementation, financing, and other "soft" incidental program expenses. With Phases III and IV the Rochester Schools Modernization Program is expected to span two decades, total approximately \$1.3 billion, and be the largest public works project in Rochester's history.

The Legislation also created the Rochester Joint Schools Construction Board (the "RJSCB") and designated the RJSCB as agent for the City and the District to undertake the RSMP projects on their behalf. The City's Finance Director is currently the Treasurer of the RJSCB.

The RJSCB Chair meets with District's Senior Leadership team, including the Superintendent, on a monthly basis. In addition, the District has appointed their Director of Operations as a member of the RJSCB.

The powers granted to the RJSCB enable a more efficient approach to the reconstruction and rehabilitation of the District's educational facilities. The Legislation was sponsored by members of Rochester's local delegation and approved unanimously in both houses of the New York State Legislature.

In 2010 the RJSCB hired a Program Manager, Gilbane Building Company ("Gilbane") along with their partner Savin Engineers P.C. ("Savin"), to implement Phase 1 of the RSMP. The first task of the Gilbane/Savin team was to establish a Master Plan for the project using the criteria set forth by the District.

Beginning in the summer of 2010, Gilbane/Savin, and SWBR Architects, created the Master Plan for the RSMP. The Master Plan identified twelve school projects and a technology project (“District Wide Technology”) to be included in Phase 1 of the RSMP. The Master Plan was subsequently approved by the Board of Education and the State Education Department in 2011.

The Master Plan represents conceptual ideas on how the District’s overall strategy can be implemented. The specific project designs are accomplished by those individual architects hired for each project. The Master Plan provides the District with flexibility to meet changing needs. This was evidenced by the District’s decision during Phase 1 to add full building air conditioning to five projects, add the renovation of the Franklin Auditorium, and add a synthetic turf field at East High School. In order to accomplish these additional scope items, funding was transferred from one of the original projects listed in the Master Plan, the Jefferson High School Project.

Also in 2011, the RJSCB officially selected the County of Monroe Industrial Development Agency (“COMIDA”) as the source to provide the Bond funds necessary to carry out the project. The Bonds will be paid by State Aid reimbursements up to a certain percentage, the balance of which is the local share.

In 2012, a Project Labor Agreement (“PLA”) was negotiated with the Rochester Building and Construction Trades Council for use during the RSMP. The stipulations of the PLA provide economic savings to the project and support the RJSCB’s goal to ensure a diverse workforce for the project.

Construction began on schedule in the summer of 2012. Enrico Fermi School 17, Helen Barrett Montgomery School 50, Charlotte High School and Franklin High School were the first projects to break ground in July 2012 followed by The World of Inquiry School 58 in October 2012.

The second group of projects broke ground in 2013 including: Henry Hudson School 28, John Williams School 5, East High School, and Edison Technology Campus.

As of May 2016, Phase 1 is now in the final stages of completion. The final two projects are under construction and on schedule. James P.B. Duffy School 12 will be completed this summer and the students will return home for the start of the 2016-2017 academic year. James Monroe High School will transition from its Phase 1 project directly into a Phase 2 project which is scheduled for completion in the summer of 2017.

Overall, the Phase 1 program has been a tremendous success on many levels. All of the individual project scopes have been completed within the \$325 million stipulated in the Legislation and within the local share amount authorized by the Board of Education. The RJSCB has been responsive to the District’s requests for changes throughout the program which included several major decisions such as: the addition of full building air conditioning to five of the buildings in Phase 1, the renovation of the 1,800 seat Auditorium at Franklin High School including air conditioning, and the installation of the District’s first artificial turf football field located at East High School. All of the Phase 1 projects were coordinated with surrounding City improvement efforts, neighborhood group concerns, and recommendations from school administration, staff, and parent groups, resulting in 21<sup>st</sup> century teaching/learning environments for the students and overall improvement to the surrounding community.

In addition, the RJSCB has been successful in meeting its diversity goals for both business utilization and workforce participation having attained over \$83 million in minority, women, small and disadvantaged business contracts, which make up over 29% of the overall construction dollars, and achieving over 550,000 hours worked by minority and women workforce which comprises over 30% of the total hours worked for the entire program.

In December 2014, the Governor of the State of New York signed the Legislation for Phase 2 of the RSMP. Phase 2 authorizes up to 26 projects, including 25 buildings plus a District Wide Technology project, with a total value of \$435 million. Following a nation-wide RFP selection process, in December of 2015 the RJSCB hired the firm Savin Engineers P.C. (“Savin”) as the Program Manager for Phase 2 of the RSMP. Savin, an MBE firm, will now take the lead role on the project after having been a part of the Program Management team in Phase 1 working under the Gilbane Building Company (“Gilbane”). Gilbane will work as a partner under Savin for Phase 2. Planning for Phase 2 is currently underway, the details of which are included later in this Report.

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## **Executive Summary**

Formed in the fall of 2008, the RJSCB is comprised of three members appointed by the Rochester City School District Superintendent and three appointed by the Mayor of the City of Rochester. The seventh member is jointly appointed by both the Superintendent and the Mayor. The RJSCB's Independent Compliance Officer ("ICO") is a non-voting member hired by the Board.

Following two orientation sessions in late fall 2008, the RJSCB initiated its official proceedings in January 2009. The RJSCB began by completing a number of foundational tasks required to become fully functional. Among those initial accomplishments were: Adoption of RJSCB Bylaws, election of Officers, and the establishment of a committee system. In August of 2009, following an extensive Request for Proposals and interview process, the RJSCB identified its general counsel.

In January of 2010 a Cooperative Agreement between the City School District, the City, and the RJSCB established the relationship and the roles and responsibilities of each party as it relates to the RSMP. The Cooperative Agreement confirms that the City shall not be obligated, directly or indirectly, to provide funding for the projects, to provide payment for debt service on any bond or notes, or any other obligations including, specifically, any local share obligation related to the project. An updated Cooperative Agreement is currently being developed for Phase 2.

In the summer of 2010 the RJSCB hired a Program Manager, Gilbane Building Company ("Gilbane") along with their partner Savin Engineers P.C. ("Savin"), to implement the RSMP. The first task of the Gilbane/Savin team was to establish a Master Plan for the project using the criteria set forth by the District.

Also in 2010, the RJSCB established policies covering ethics, responsibilities, procurement, and communications. In addition, the RJSCB selected its Financial Advisor and its Bond Underwriter for the project, selected a firm to provide an energy efficiency study, and identified its Independent Compliance Officer ("ICO") following an extensive RFP and interview process.

Working with the Independent Compliance Officer and the Program Manager the RJSCB established a Preliminary Diversity Plan for the project which established the Minority and Women Business Utilization goals and Work Force Participation (EEO) goals for the project. (The goals and current RSMP participation are discussed later in the MBE/WBE/SBE/DBE Business Utilization and EEO Compliance section of this report)

The RJSCB engaged the services of a firm to assist the Board with SEQRA documentation for the RSMP. The Board acted as the lead agent for the assessment. In March of 2011, the RJSCB determined that the Phase 1 projects will not result in significant adverse environmental impacts. The Negative Declaration was distributed by the RJSCB to all interested and involved parties.

Beginning in the summer of 2010, Gilbane/Savin, along with a team of other firms, created the Master Plan for the RSMP. In addition to repairs to the physical components of each facility such as the mechanical systems, the building infrastructure, and the classrooms, the Master Plan becomes the "road map" for implementing the District's educational plans for the future. The Master Plan ultimately identified twelve school projects and a technology project ("District Wide Technology") to be included in Phase 1 of the RSMP. The RJSCB conducted seven public meetings in September, October, and December 2010 for the purpose of seeking

public comment and incorporating said comments into the draft Master Plan. The Master Plan was subsequently approved by the Board of Education and the State Education Department in 2011.

In the spring of 2011, the RJSCB selected the Architects for the first group of six school projects (Phase 1a). Those school projects include: School 17, School 28, School 50, School 58, Charlotte High School, and Franklin High School. (See Exhibit A - Table of Professional Service Firms)

The RJSCB hired a Technology Consultant to develop the District Wide Technology project, to act as the single point of contact for all technology related components that are a part of the RSMP, and to provide seamless technology integration in all schools, while also adhering to technology standards as set forth by the District. (See Exhibit A - Table of Professional Service Firms)

The RJSCB also engaged a food services consultant for the RSMP to ensure a site-based food service delivery system that compliments the operations of the District's food service department and central kitchen. (See Exhibit A - Table of Professional Service Firms)

In the summer of 2011, the RJSCB hired Construction Managers for the 1a projects, to help plan the logistics and to implement the construction. (See Exhibit A - Table of Professional Service Firms)

In the fall of 2011, the next group of Architects was selected by the RJSCB to plan and design the second group of projects (Phase 1b). Those school projects include: School 5, School 12, Monroe High School, East High School, and Edison Technology Campus. Construction Managers were later selected in 2012 to implement the construction of these projects. (See Exhibit A - Table of Professional Service Firms)

The first four projects were bid in the spring of 2012 and began construction in July 2012. School 17, School 50, Franklin High School, and Charlotte High School were completed in the summer of 2013. School 58, a two year project, was also bid in 2012. Construction started in the fall of 2012 and was completed in December of 2014.

The second group of projects were bid in 2013 and began construction in the summer of 2013. Those projects included: School 5, School 28, East High School, and Edison Technology Campus. These projects were all completed in the summer of 2014. Jefferson High School was bid in 2014 and completed in summer 2014.

The final two projects, now called the 1c projects (School 12 and Monroe High School) are scheduled for completion in summer 2016.

The RJSCB is committed to ensuring that the projects in Phase I support the educational objectives for students by assuring that building stakeholders have an active voice in the design process. The RJSCB is also committed to ensuring that neighborhood stakeholders have a voice in the design process. The Building Advisory Committees ("BAC") have been established for each school project through the cooperation of the Program Manager and the building Principals. The BACs include participation from District parents, students, City of Rochester representatives, and neighborhood stakeholders unique to each project.

Immediately following the selection of Savin as the Program Manager for Phase 2 a tremendous effort to complete the Master Plan for Phase 2 was put forth in order to avoid a gap between Phase 1 and Phase 2. The RJSCB had previously engaged the services of the Phase 1 Master Plan Architect, SWBR Architects, to work with the Program Manager and the District. The RSMP team worked closely with the District to determine the



infrastructure needs of each building and the how to fit the District's "model program" into each facility. The District's desire to eliminate transportable classrooms, basement classrooms, and substandard teaching/learning spaces remains as a core principle for Phase 2. Through the Master Plan the District also continues its strategy to "right-size" the current seating capacity throughout the District at each grade level as compared to the five and ten year enrollment projections.

A series of public meetings were held throughout the months of January, February, and March 2016 where the Master Plan was discussed leading up to the Board of Education approving the Phase Master Plan on March 24, 2016.

In parallel to the planning work taking place on the Master Plan, the RJSCB engaged a SEQRA consultant, a Financial Advisor and a Bond Underwriter to support those efforts. The financial plan, based on the projects selected by the Board of Education in the Master Plan, was completed and approved by the Board of Education in April 2016. The financial plan is contingent upon the District receiving relief on the Maximum Cost Allowance ("MCA") for several of the projects identified in Phase 2.

The MCA formula limits State aid for all school building projects through a process prescribed by New York State Law Section 3602. The formula to calculate aid allowances was originally issued by the SED Office of Facilities Planning and is updated occasionally to reflect regional cost factors. One of the biggest Phase 1 lessons is that traditional Maximum Cost Allowance requirements established by SED are inefficient when applied to whole-school renovation projects. Although the law does not set a time limit on the use of MCA for a project, in recent years SED has limited districts to five-year cycle. Under this rule, if the Commissioner of Education approves a project that utilizes a District's full Maximum Cost Allowance, he or she will not approve another project for that school until five years have passed.

Many of Rochester's aging schools require "gut-level" renovation. That means new mechanical, electrical, and plumbing systems to meet current standards, plus replacement of wood structural components with modern materials, along with the technology and cosmetic changes that make old buildings look like new. Under standard MCA limits, projects of this magnitude must be completed in multiple phases. This is far more costly and less efficient than a single phase of construction

The special legislation that was introduced in April 2016, with the support of local elected officials in both the Assembly and the Senate, will give the District the financial aid that it needs to allow for the Phase 2 projects to be done in one phase of construction rather than having to do partial projects, wait five years for the MCA to reset, and then come back to complete the project.

Without this relief the District will be forced to renovate fewer schools, each project will carry higher costs and take years longer to complete. Moreover, the disruption to students will be far greater. Four projects slated for Phase 2 are currently displaced school communities—Children's School No. 15, John Walton Spencer School No. 16, Abraham Lincoln School No. 22, and Monroe High School— these schools will be stranded in "swing space" at least one year longer than currently scheduled. Other school communities will be forced to relocate twice before their facilities can be fully renovated.



Based on the experiences of Phase 1 and the enormous benefits MCA relief could bring to Phase 2, leaders from the District began discussing the matter with State Education Department officials in 2014. Over the past year, those discussions have included the State Division of Budget.

The special legislation is consistent with the goals of the authorizing legislation for the Facilities Modernization Plan. It will not just benefit the four schools currently in swing space or the additional schools slated for renovation in Phase 2, it will benefit the entire Rochester community through more construction jobs, more families and staff members benefiting from modernized schools, and more efficient use of taxpayer dollars.

The special legislation was approved by the New York State Senate on June 6, 2016 followed by the New York State Assembly on June 16, 2016. We are currently awaiting the Governor signing the Bill into Law.

The RJSCB has also completed and approved its Diversity Plan for Phase 2. This updated plan increases the business utilization goal by 6% and the workforce participation goal by 3% over the Phase 1 plan. It also includes the implementation of a new initiative called the Business Opportunities Program (“BOP”). The BOP will be comprised of a series of training programs that are supported by mentor/protégé relationships to help minority, women, small, and disadvantaged businesses participate in the RSMP. The objective is to provide education and hands-on training to underserved and underprivileged business entrepreneurs in order to build capacity in the City of Rochester and the surrounding area.

The BOP will consist of a series of training classes and presentations along with the opportunity to participate in a Mentor/Protégé relationship with Prime Contractors and Construction Managers (“CM”). There will also be networking events that include CMs, General Contractors and other primes to support minority, women, small, and disadvantaged businesses relationship building efforts.

The BOP was recently introduced to the public at a kick-off event hosted by the Phase II Program Manager. The presentation, held at the Central Library of Rochester and Monroe County, was marketed with an aggressive outreach initiative using various media resources. Over 51 firms attended the event, along with representatives from the RJSCB, the City, community organizations, state agencies, public authorities, and several private sector companies. The Program Manager provided information to attendees about current and future contracting opportunities, the Mentor-Protégé training program, and the proposed training schedule.

The BOP will also help to address financing and cash flow needs through a Revolving Loan Program (RLP) to help minority, women, small, and disadvantaged contractors address the challenges that small businesses have in funding initial expenses, payroll, or mobilization costs relating to RSMP contracts.

The Master Plan, the corresponding Financial Plan, and the Diversity Plan have been sent to SED and to the New York State Comptroller for review and approval. In parallel, the first project in Phase 2, Monroe High School, is nearing design completion. It is anticipated that the State approvals of the Master Plan components will coincide with the approval of the Monroe High School project, leading up to the bidding, award, and start of construction by the end of summer 2016. These plans are based on the Governor’s timely approval of the special legislation for MCA relief.

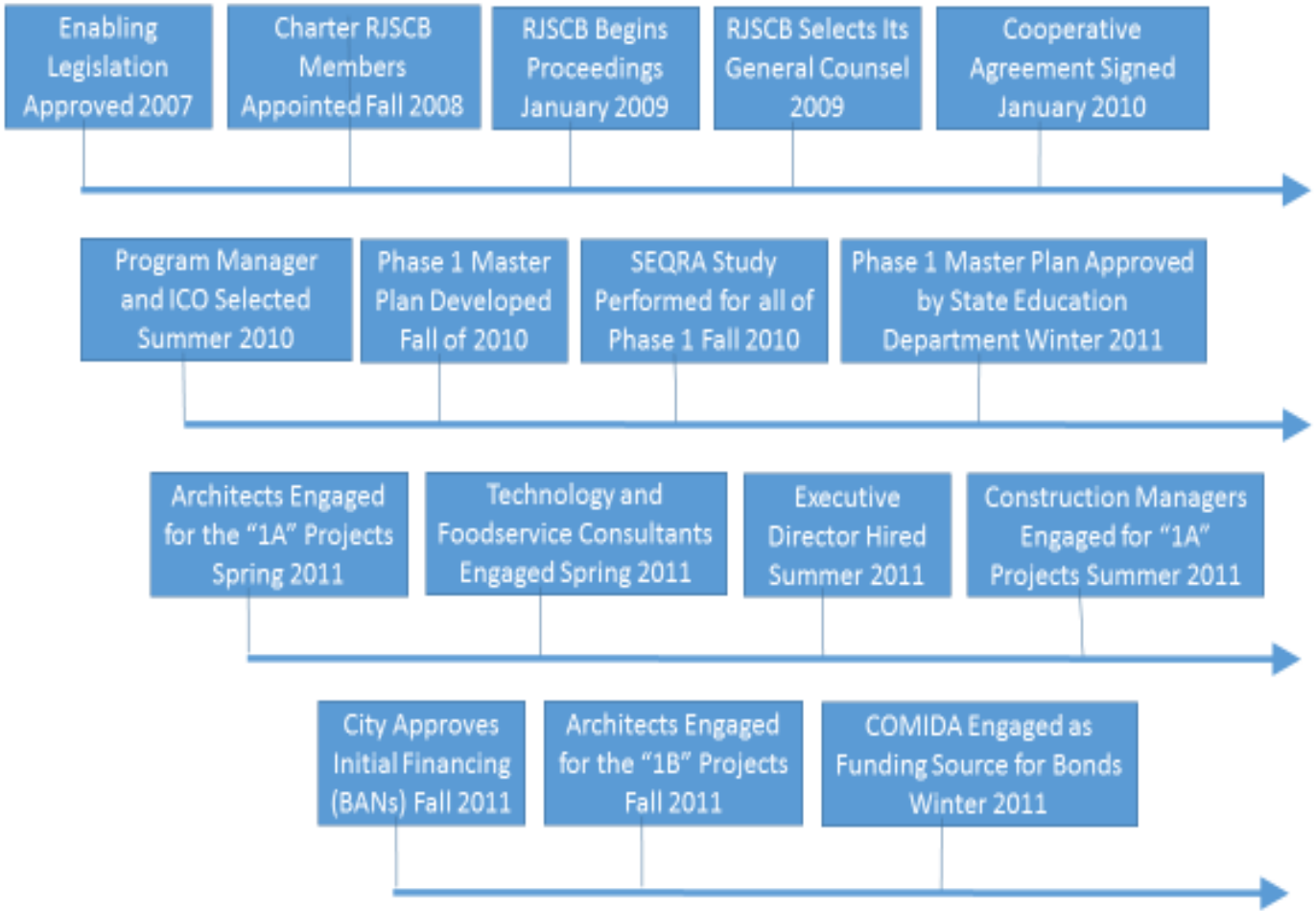
In order to fund the initial planning and design work necessary for Phase 2 to begin on time, the District provided \$2.7 million in May 2015. Those funds will take the program through May 2016. Through a Municipal Agreement, the City has committed to providing the program with Bond Anticipation Notes (BAN) financing in

August 2016. The District is prepared to commit an additional \$7.3 million in seed money which will support the program until the City BAN is in place. The City BAN will fund the continued design, planning, and initial construction of Monroe High School until the first Bond sale takes place, which is currently scheduled for February 2017. These plans are based on the Governor's timely approval of the special legislation for MCA relief.

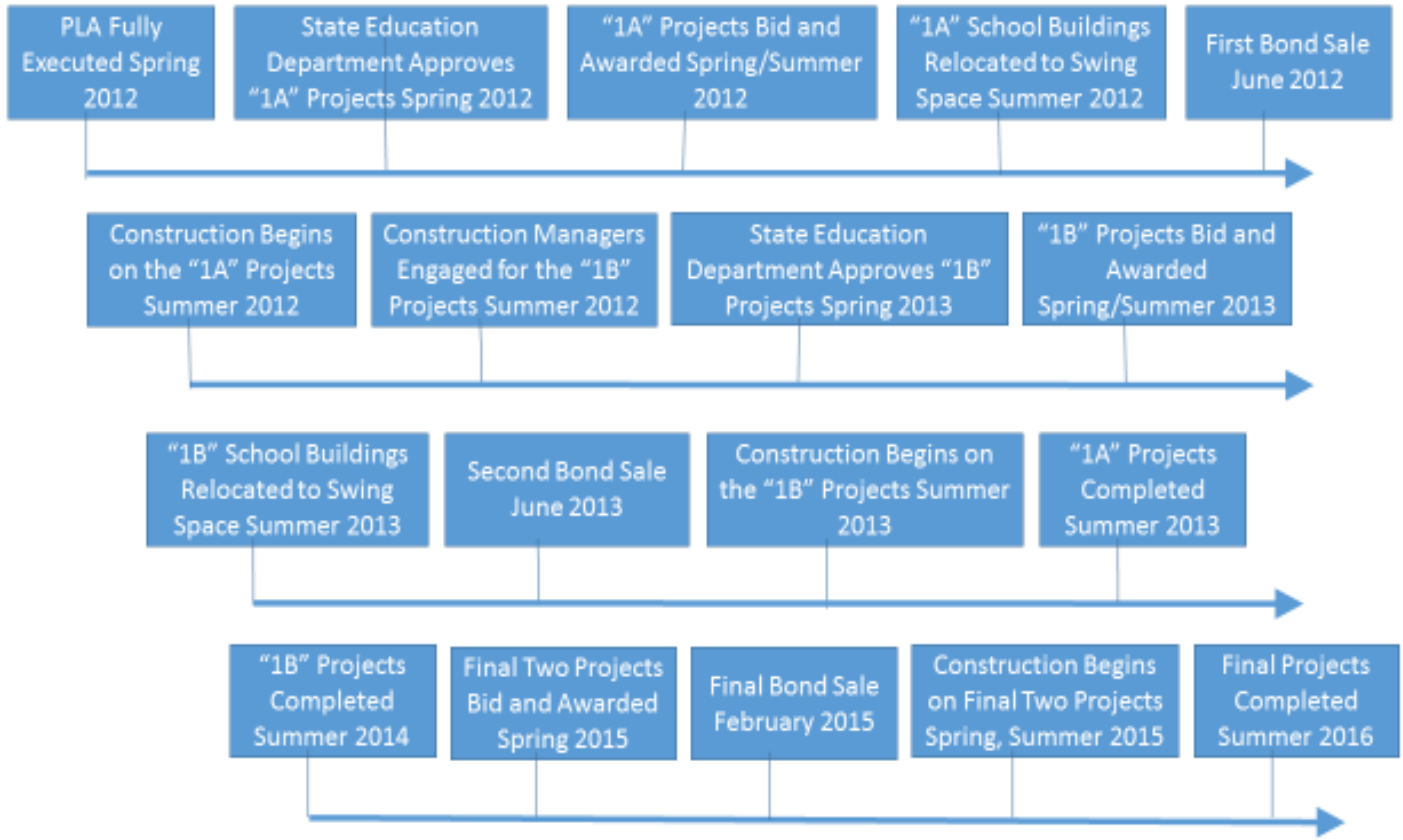
Throughout the remainder of 2016, the RSJCB will engage the services of the other design consultants and professional services firms necessary to implement the Phase 2 program including but not limited to: Legal Services, Independent Compliance Officer, Architects, Construction Managers, Inspection and Testing Services, Commissioning Consultants, Food Service Consultants, and Contractors.

The Building Advisory Committee ("BAC") process was widely praised as a success in Phase 1 and will therefore be utilized again in Phase 2. The process of establishing a BAC for each school project through the cooperation of the Architect, the Program Manager and the building Principals has already begun. The BACs will again include participation from District parents, students, City of Rochester representatives, and neighborhood stakeholders unique to each project.

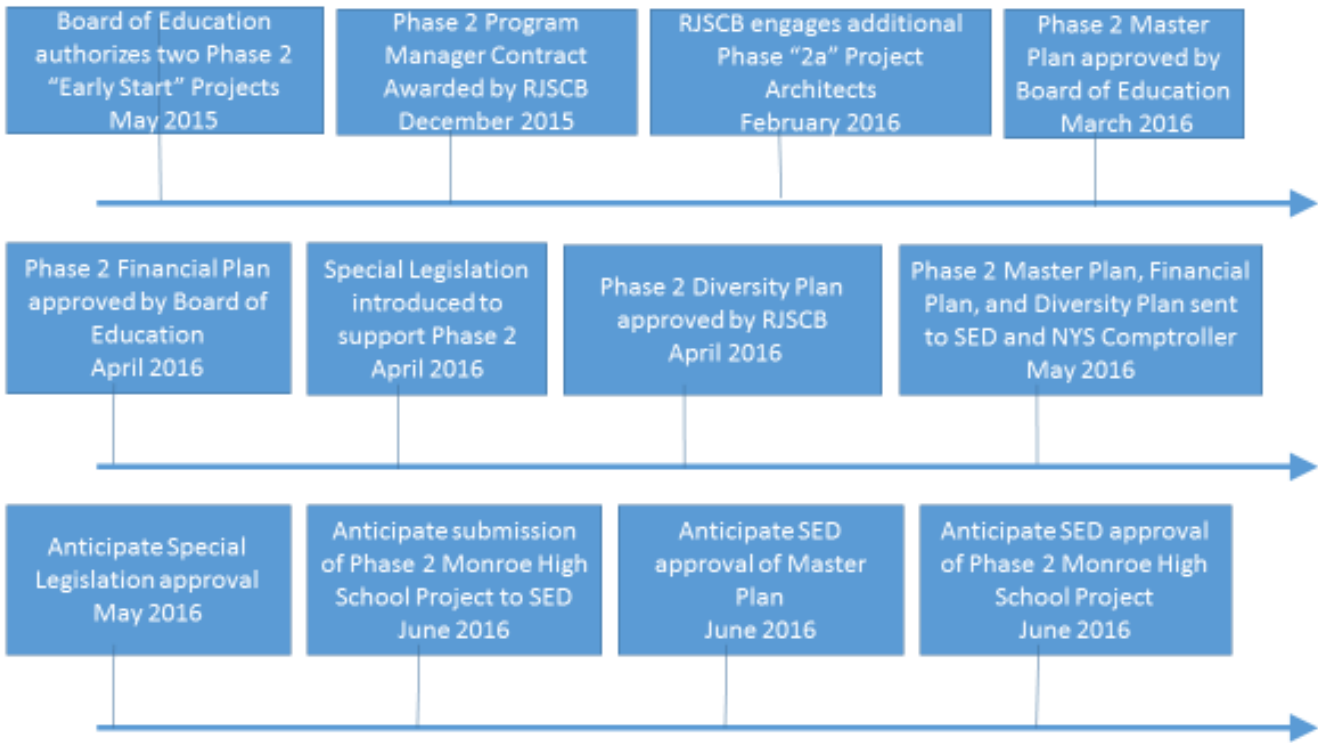
**Phase 1 Project Timeline (2007 through 2011)**



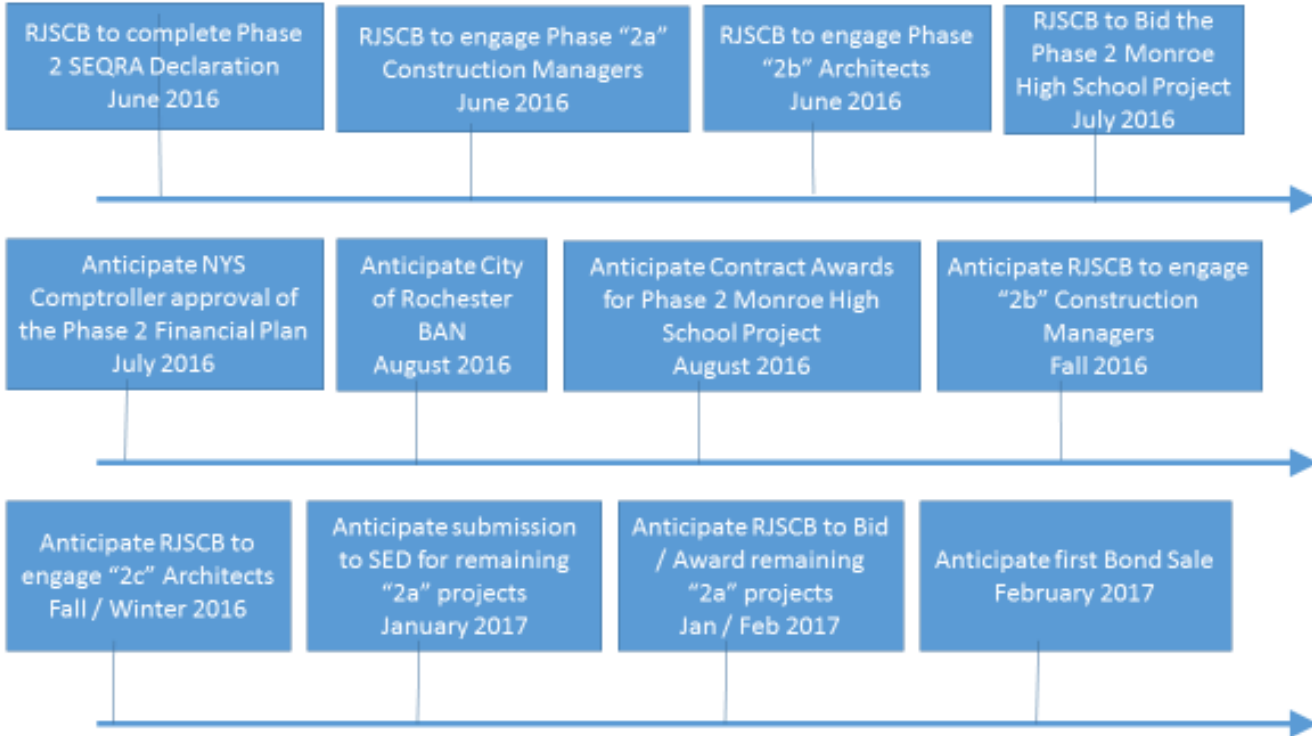
**Phase 1 Project Timeline (2012 through 2015)**



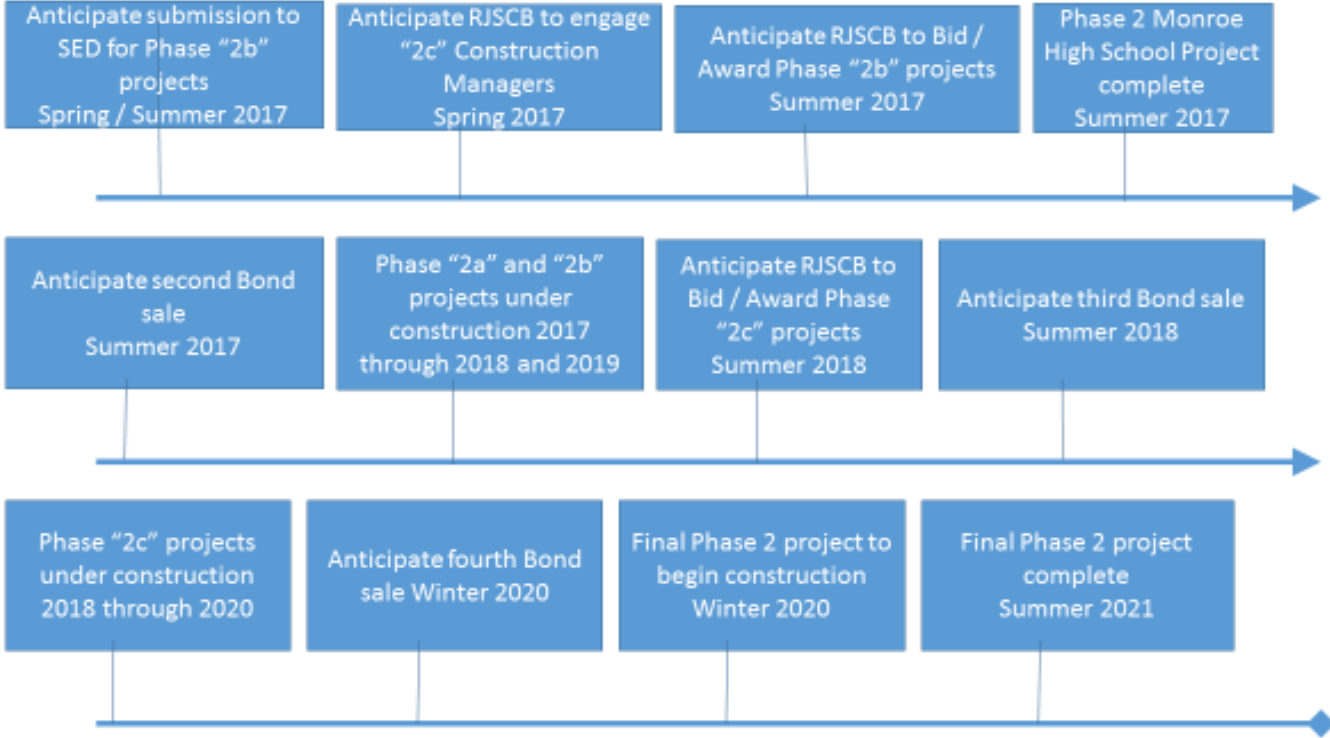
## **Phase 2 Project Timeline (2015 through 2021)**



**Phase 2 Project Timeline (2015 through 2021)**  
**(Continued)**



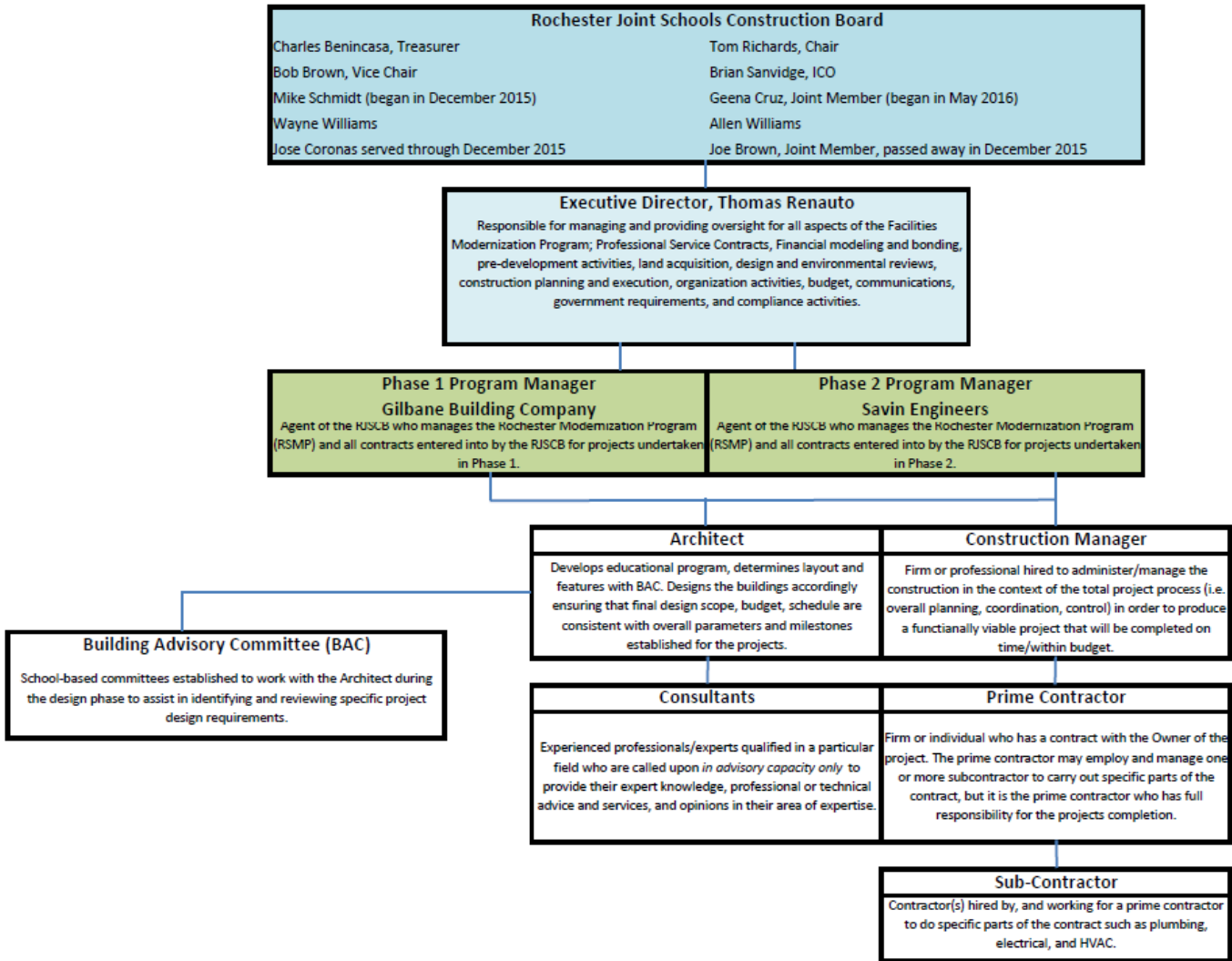
**Phase 2 Project Timeline (2015 through 2021)**  
**(Continued)**





# Rochester Schools Modernization Organizational Chart

Organizational Chart



**Individual Project Architect and Construction Manager Assignments**  
**Phase 1**

<u>School Project</u>	<u>Architect</u>	<u>Construction Manager</u>
School 5	Young + Wright Architectural	The Pike Company
School 12	SEI Design Group	The Pike Company
School 17	SWBR Architects	The Pike Company
School 28	LaBella Associates	LeChase Construction
School 50	Clark Patterson Lee	The Pike Company
School 58	JCJ Architecture	LeChase Construction
Charlotte High School	CJS Architects	Campus Construction Group
Franklin Educational Campus	Young + Wright Architectural	Campus Construction Group
East High School	Cannon Desgin	LPCiminelli , Inc.
Edison Technology Campus	LaBella Associates	LPCiminelli, Inc.
Monroe High School	CJS Architects	Campus Construction Group
Jefferson High School	SEI Design Group	N/A

**Individual Project Architect and Construction Manager Assignments**  
**Phase 2 (to date)**

<b><u>School Project</u></b>	<b><u>Architect</u></b>	<b><u>Construction Manager</u></b>
Monroe High School	CJS Architects	Campus Construction Group
East	Cannon Design	TBD
School 7	SEI Design Group	TBD
School 16	SWBR Architects	TBD

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## **Major Achievements, 2015-2016**

### **Phase 1a and 1b Projects**

The Program Manager continues to work with the District to prepare final cost reports for all 1a and 1b projects. In advance of filing the final cost reports, the District has filed Early Aid Start Request Forms with SED in order to begin receiving aid for those projects which have been completed, but have not filed a final cost report. As a result, the District has been receiving New York State aid for Phase 1 projects dating back to 2013.

### **Phase 1C Projects**

The remaining Phase 1 projects (James P.B. Duffy School 12 and Monroe High School) were approved by SED in 2013. Work at School 12 began in the fall of 2014 with an early Abatement and Demolition package. The second part of the construction package was bid in early spring 2015 and contractors mobilized to begin the work. Monroe High School was bid in spring 2015 and began construction in the summer of 2015. Both projects are scheduled to be completed in the summer of 2016.

### **Air Conditioning**

In the fall of 2012 the District directed the RJSCB to add full building air conditioning to as many projects in Phase 1 as possible. This initiative supports the District's educational plan for a longer school day and a longer school year. The Program Manager was engaged to investigate feasibility, the overall program budget of \$325 million, the individual project MCAs, and the individual project schedules. The study resulted in five of the District's buildings in Phase 1 receiving full building air conditioning\*. These buildings include: School 5, School 28, School 50, School 58, and Monroe High School. In addition, the Franklin Auditorium project also included air conditioning.

In order to maintain the overall \$325 million budget, funds for the additional air conditioning were moved from the Phase 1 project at Jefferson High School to the projects listed above.

As a part of Phase 2, the Program Manager and individual project Architects will evaluate the feasibility and cost of adding air conditioning to each project in order to allow the District to make strategic decisions regarding the implementation.

\*(three of the Phase 1 buildings already have air conditioning (School 12, East, and Edison Technology) and at three buildings (School 17, Charlotte High School, and Franklin High School) it was determined that either cost or schedule impact were prohibitive)

### **Building Inventory and Move Management**

The Move Management firm hired by the RJSCB to inventory and catalog the furniture and equipment at each Phase 1 school building did an excellent job coordinating the inventory process and moving the schools into temporary "swing space" in 2012, 2013, 2014, and again in 2015 including the largest move in Phase 1, Monroe High School. This move relocated approximately 1,100 students into temporary swing space in preparation for construction beginning in the summer of 2015. In February 2015, School 58 moved out of swing space back into their home building. This mid-year move allowed for the first ever 12<sup>th</sup> grade class at School 58 to graduate from their home school and was a celebration of the building's 100<sup>th</sup> anniversary.

At the start of Phase 2, the first building to be relocated into temporary swing space will be Virgil I. Grissom School 7. These students will occupy Jefferson High School following the move of School 12 back to their renovated building in the summer of 2016. By moving the students from School 7 out in 2016, it will allow for construction to start in early 2017, six months sooner than would typically be possible.

### **Project Labor Agreement (“PLA”)**

In January 2012 the PLA negotiations between the RJSCB and the Rochester Building Trades Council concluded with all parties in agreement. The stipulations of the PLA provide economic savings to the project and support the RJSCB’s goal to ensure a diverse workforce for the project. Each of the contractors hired by the RJSCB will be required to abide by the labor rules set forth in the PLA.

The RJSCB completed a PLA Study for Phase 2 in April 2016 and is preparing to begin negotiations with the Rochester Building Trades Council.

### **Financial Audit**

The RJSCB engaged an independent audit firm to conduct a financial audit and opine on the RJSCB’s financial statements for the fiscal year ended June 30, 2015. The audit resulted in a clean opinion by the outside auditors with no material weaknesses or significant deficiencies.

### **SEQRA Update**

The RJSCB completed an update to the original SEQRA Report which had been based on the original Master Plan. This was done in order to reconcile the design changes that had taken place to the Phase 1b projects since the original SEQRA Report was completed. The original Negative Declaration was reaffirmed. A final update to the original SEQRA Report was completed for the Phase 1c projects also resulting in affirmation of the original Negative Declaration.

The RJSCB is in the final stages of completing the SEQRA Study for the Phase 2 projects.

### **Commissioning Agents**

The RJSCB has hired Commissioning Agents for each of the projects in Phase 1 of the RSMP. Except for the Jefferson Project and the East High School projects which did not require Commissioning services.

The RJSCB will issue an RFP for Commissioning Agent Services for the Phase 2 projects.

### **Project Bids and other Contract Awards**

In 2016, the RJSCB intends to procure Furniture, Fixtures, & Equipment (“FF&E”) for the Phase 2 project at Monroe High School. This will allow the RJSCB to take advantage of bid pricing received in 2015 which is still in effect until December 2016.

The RJSCB has engaged the services of a Moving Company to perform the physical moves during the summer 2016, associated with the School 12 move back to their home school and the School 7 relocation into swing space at Jefferson.

### **Other Requests for Proposals and Bids**

In order to implement the projects included in the Phase 2 Master Plan, starting in 2016 and as necessary throughout the duration of the program, the RJSCB will engage all of the professional service firms and construction contractors necessary to carry out the work of Phase 2. This includes but is not limited to: Legal Services, Independent Compliance Officer, Architects, Construction Managers, Commissioning Consultants, Food Service Consultants, Contractors, Special Inspections and Testing, Environmental Inspections and Testing, Moving Services, etc.

### **MBE/WBE/SBE/DBE Business Utilization and EEO Compliance**

The Diversity Goals established in the Diversity Plan for Business Enterprise Utilization and Work Force (EEO) compliance are among the RJSCB's primary initiatives to build capacity for the City of Rochester and its residents. All of the RJSCB's partners including professional services and contractors must join in meeting the goals. The RJSCB has recently updated the Diversity Plan for Phase 2.

In Phase 1, the goal for Business Utilization has been a combined 27% for M/W/S/DBE. The project has achieved 29.13% to date. The goals for Minority and Women workforce participation (EEO) are 20% and 6.9% respectively. To date the project has achieved 22.93% and 7.33% for EEO participation. (See Exhibit G – MBE/WBE/SBE/DBE Professional Services and Minority and Women Workforce Summary Report)

In January 2014, the RJSCB hired a new Independent Compliance Officer for the remainder of the Phase 1 project. This firm has implemented the RJSCB's action plan for improvement based on recommendations provided by a third party auditing firm. (See **Equal Opportunity** Section of this Report)

In Phase 2, the goal for Business Utilization has been increased to a combined total of 33% for M/W/S/DBE. The goals for Minority and Women workforce participation (EEO) have also been increased to 22% and 8% respectively.

### **Financing**

In February 2015 the final bonds were sold to finance the remainder of the Phase 1 program.

In order for Phase 2 planning and design work to get started quickly, the District has provided the RJSCB with the initial seed money necessary to begin working. A City of Rochester Bond Anticipation Note is expected to be issued in the summer of 2016 which will reimburse the District for the money spent and will also fund the project until the first Phase 2 Bonds are sold. The first of four Series of Phase 2 Bonds is anticipated for February of 2017 followed by another later in 2017, one in 2018, and the final in 2020. These plans are based on the Governor's timely approval of the special legislation for MCA relief.

### **Master Plan and Phase 2 Update**

Legislation for Phase 2 of the Modernization Program was signed into law by the Governor of the State of New York in December 2014. The Legislation authorizes up to 26 projects including 25 buildings plus a District Wide Technology Project with a maximum cost of \$435 million.

In April 2015, the RJSCB issued a Request for Proposals for Phase 2 Program Management Services. Following a nation-wide search and an extensive review and interview process the finalist was selected in October 2015, followed by a fully executed contract in December 2015. Starting in January 2016, the Phase 2 Program Manager worked diligently with the Master Plan Architect in support of the District's effort to complete the Phase 2 Master Plan by March 2016. Additional professional service firms such as the financial advisor, the bond underwriter, and SEQRA consultant, hired in early 2016 also provided supporting documentation to the Phase 2 Master Plan.

The Phase 2 Master Plan was completed on schedule and approved by the Board of Education at the end of March 2016. This was followed in April 2016 with the completion of the Phase 2 Financial Plan which was also approved by the Board of Education. The RJSCB, on behalf of the Superintendent, has submitted the Phase 2 Master Plan to the New York State Comptroller and the State Education Department for review and approval. Architects, Construction Managers and others are being engaged in early 2016 in order to maintain the projected

overall program schedule for Phase 2. These plans are based on the Governor's timely approval of the special legislation for MCA relief.

As a part of Phase 2, in May of 2015, the District authorized and directed the RJSCB to begin planning work on three "Early Start" Phase 2 projects: East High School, Monroe High School and School 15 (Monroe High School and School 15 share the same campus). Starting design work at these projects in parallel of the Phase 2 Master Plan was critical in order to 1) support the District's new program strategy and delivery model at East High School and 2) to connect the Phase 1 and Phase 2 projects on the Monroe High School / School 15 campus. The students at Monroe High School and School 15 were relocated into swing space in the summer of 2015. The Phase 2 project will require those students to remain in swing space in 2016. By coordinating the Phase 2 construction schedule to align with the completion of the Phase 1 work it will allow the Monroe students to return to their home school on schedule in the summer of 2017.



## **PROGRAM HIGHLIGHTS**

1. 99% of Prime construction contracts have been awarded to Greater Rochester Firms.
2. 94% of Construction and Professional Service contracts have been awarded to Greater Rochester Firms.
3. Of the \$265 million paid to date, 94% stays within the local economy = \$249 million
4. The M/W/S/DBE Business Utilization overall goal of 27% is currently being exceeded with 29.13%. Roughly \$83.6 million has been subcontracted to M/W/S/DBE firms to date. All dollar amounts are based on the Compliance Report dated April 2016.
5. Workforce Participation goals of 20% minority and 6.9% women are currently being exceeded with 22.94% and 7.33% respectively. All work hours are based on the Compliance Report dated April 2016.
6. Energy savings due to tightened building envelopes and more efficient mechanical and electrical equipment estimated at \$500,000 per year.
7. Upgrading the food service facilities at ten (10) of the Phase 1 projects allows for much healthier food choices.
8. Upgrading and expanding the athletic facilities at six (6) of the Phase 1 projects allowing for improved physical education and sports programs. This includes the District's first artificial turf field at East High School.
9. Redesigning and upgrading 670 classrooms and specialized teaching spaces allowing for better indoor air quality, daylighting, and the latest teaching technology.
10. Providing full building air conditioning in five (5) of the Phase 1 projects allowing for potentially year round school and community use.
11. Standardized front-end specifications for the RSMP.
12. Completed eleven (11) full building summer moves of furniture, staff, and provisions for over 8,000 students to and from swing space. Partial internal moves affecting another 3,000 students were also completed. Total building area affected is over 2 million sq. ft.
13. Developed and implemented furniture standards for the District and competitively bid and provided over \$3 million of new furniture and equipment. New standards and competitive bid procurement has resulted in over \$500,000 in savings over state contract pricing.

## **Going Forward, 2016-2017**

### **Phase 1c Construction Schedule and Swing Space moves**

In the summer of 2016, School 12, which was moved into temporary swing space at Jefferson High School in 2014, will move back home when the project is completed in the summer of 2016.

The Phase 1 project at Monroe High School will continue through end of the summer 2016. Students will remain in temporary swing space during the Phase 2 project that will immediately follow Phase 1.

### **Phase 2**

The RJSCB will continue to work with and support the District on the implementation of the Phase 2 Master Plan. The RJSCB will engage professional service firms as necessary to carry out tasks associated with the Phase 2 projects per the schedule established in the Phase 2 Master Plan.

It is anticipated that the City will issue Bond Anticipation Notes (BANs) in July/August 2016 to provide initial funding for the Phase 2 program. The City's BAN will be repaid when the first Bonds are sold in February 2017 to finance Phase 2.

The RJSCB and the Program Manager will work to expedite the review and approval of the Master Plan for Phase 2 by the New York State Comptroller and the State Education Department.

Design on the Phase 2 "Early Start" projects (East High School, Monroe High School, and School 15) continues. Architects for the remaining "2a" projects, School 16 and School 7, have been engaged and are starting the program verification process. Construction Managers for the "2a" projects as well as the Architects for the "2b" projects, School Without Walls, Freddie Thomas, School 1, and Edison Technology will be engaged in early summer 2016.

These plans are based on the Governor's timely approval of the special legislation for MCA relief. If the special legislation is not approved or the approval is delayed it will cause a delay to the start of Phase 2 which will have a tremendous impact on families, students, communities and neighborhoods, local businesses and local workforce.

## **Equal Opportunity**

As required by the enabling legislation, following an extensive RFP and interview process, the RJSCB identified an Independent Compliance Officer (“ICO”) in August of 2010. The ICO is a member of the Board by legislation.

Working with the ICO and the Program Manager the RJSCB established a Preliminary Diversity Plan for the project which established the Minority and Women Business Utilization goals and Work Force Participation (EEO) goals for the project. (The goals and current RSMP participation are discussed later in the MBE/WBE/SBE/DBE Business Utilization and EEO Compliance section of this report)

All firms and individuals seeking to participate in the Rochester Schools Modernization Program should be prepared to acknowledge their understanding and support of this social policy and will be expected to demonstrate efforts to solicit the participation of such individuals as partners, associates, and/or employees. In this regard, the RJSCB expects program participants to undertake or continue existing programs to ensure that minority group members and women are afforded equal employment opportunities without discrimination.

The ICO is responsible for all compliance issues related to the project. The ICO will identify and confirm a subcontractor’s certification(s), track the Prime contractor’s compliance for both Business Utilization and Workforce Participation, collect reporting data and provide performance reports to the Board on a monthly basis, provide support to M/W/S/DBEs, verify payments to subcontractors, and provide program outreach among other things.

In November of 2013, following an RFP and interview process, the RJSCB engaged a third party consultant to review the project records kept by the Independent Compliance Officer. The consultant, Northeast Preconstruction Ventures Inc. (“NPV”), immediately engaged and began an audit of the ICO records for Phase 1 of the RSMP.

The audit concentrated on the completeness and accuracy of records kept and maintained by the ICO, the effectiveness of the ICO’s internal controls, and the subsequent diversity reporting by the ICO to the RJSCB. Their work revealed several material weaknesses in the ICO’s controls and contains numerous recommendations for eliminating the risk and reoccurrence of these deficiencies.

The RJSCB is committed to the successful implementation of the Diversity Plan through improved performance of the ICO in a manner consistent with the independence of the ICO required by the Legislation.

On January 13, 2014 the RJSCB hired a new ICO for the remainder of Phase 1. Changes to the process of data collection, reporting, record keeping, and other deficiencies identified in the audit report began immediately with the new ICO. In June 2014 the RJSCB engaged the new ICO review all prior reporting for accuracy. Those reports are expected to be completed and available in July 2015.

The new ICO has been implementing the recommendations from NPV that can improve the Diversity Plan implementation and be made without changes in the Legislation.

The Board's action plan for improvement included the implementation of new procedures by the ICO.

## BT's Current ICO Procedures



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- We perform several procedures, as outlined below, which serve to mitigate the inconsistencies and errors found in L&R's reporting.
- When a low bidder is determined on a new project, our staff examines the bid to ensure that all required documentation is provided, and the PC is educated on the compliance obligations. This includes:
  - Ensure the documentation includes the EBE Utilization Plan ("DP-1"), EBE Assurance Statement, Promise of Non-Discrimination Checklist and Good Faith Efforts Checklist.
  - Verify if the EBE subs listed on the DP-1 have been contacted by the prime in regards to the proposed work scope.
  - Verify that the EBE subs are certified for both the work scope and respective EBE goal proposed by the prime. We also ensure that if a sub will act as a supplier or broker, the PC understands the correct credit that they will receive.
  - Ensure that we have an understanding of each sub's role, and that each sub is performing a commercially useful function. If there are any issues with the proposed goals or quality of the documentation received, we contact the PC.
  - Offer assistance to any PC who is having difficulty finding EBE subs in order to meet their goals.
  - Assist contractors by providing them electronic templates for the compliance forms, to ensure that the forms are completed in a neat and legible manner.
  - We will issue a recommendation letter for firms which are determined to have made a good faith effort in meeting all of the business participation goals.
  - Once a firm has been awarded, we will request copies of the Letter of Intent to Perform ("DP-2") and executed sub-contracts for each EBE sub, in order to verify that the PC is starting to fulfill their intent to utilize the sub.

## BT's Current ICO Procedures



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- We also perform ongoing monitoring procedures to verify that the contractors are in compliance with the business participation and workforce participation goals.
  - On a monthly basis, we collect copies of DDP-3s, DDP-3As, certified payroll, proof of payment to EBE subs (and corresponding invoices) and proof of payment towards the RCIC fund. We use the certified payroll to validate the hours reported on the DDP-3 and the proof of payment (with the corresponding invoices) to sub-contracts is used to validate the fulfillment of the sub-contract.
  - Perform independent verification procedures, which include sending letters to EBE subs to confirm the balance they were paid by a PC as of a specified date, and sending letters to employees to validate their address and hours work.
  - Review DDP-3As for changes to the use of EBE subs, to ensure that if any new sub-contracts are initiated, the sub is certified for both the work scope and respective EBE goal proposed by the PC, and that they will be serving a commercially useful function.
  - Utilize the man-power reports and cost reports provided by Gilbane and payment applications to determine the list of PCs and subs who were active in a given month. Using this information, we build a monthly checklist of documents that are required. Our checklist database allows us to track problems with compliance documents as well as follow up items. Any issues with compliance documents or indications of compliance issues are immediately investigated.
  - Provide all PCs with access to a digital library on GoFileRoom, to ensure that they have an efficient means of providing us with the compliance documents for their firm and their subs on a timely basis. Our system also allows us to easily review documents, share documents amongst interested parties and store documents long term.
  - Review our reporting of credit for each PC, and ensure that the EBE credit only includes firms that are certified, and that are performing a role that is eligible for credit. We have ensured that signed and notarized copies of the RSMP's SBE Certification Form is stored electronically on GoFileRoom for all SBE firms that are claiming eligibility for credit.

## **Program Management Oversight**

In August 2013, Bergmann Associates (“Bergmann”) was retained by the RJSCB to evaluate the performance of the Program Manager (“PM”) during Phase 1 of the RSMP. The goal was to bring issues to light that would benefit from additional consideration as this project moves into succeeding phases.

In consultation with RJSCB representatives, Bergmann identified 34 PM scope/tasks included in the contract for examination and their impact on Program success. Based on the overall results, PM scope/tasks exhibiting a significant level of consistency in terms of “need to improve” were identified.

The RJSCB is committed to the successful implementation of Phase 1 through improved performance of the Program Manager.

Among those improvements are:

- Independent Document Review services were provided by the Program Manager, in lieu of a 3<sup>rd</sup> party hired by the Architects, for the final two projects (School 12 and Monroe). This resulted in a better system for recording and tracking corrections to the documents prior to bid.
- A more defined role for the Construction Managers for the 1B and 1C projects.
- More timely engagement of the Commissioning Agents (during the design phase) and close contract administration by the Program Manager.
- The District has assigned a senior level facilities manager as the central point of contact which has resulted in improved communications and timelier decisions/direction.
- A Program Procedures Manual has been developed. As a “working document” this manual is updated regularly as new procedures are developed or old ones are modified.
- A set of standard project specifications has been developed. The specifications are updated for each project with the latest project information.
- Punchlist walkthroughs are now attended by the District’s facilities group as they occur rather than post occupancy. This will improve the timeliness of issues being identified and addressed prior to the start of school.
- As necessary, the Program Manager will take over the scheduling function for individual projects.

## **RJSCB Meetings**

The Board conducts its business meetings generally on the first Monday of the month at 4:30 p.m. Meetings are held at the Program offices located at 1776 North Clinton Avenue, Rochester NY 14621. For scheduling, agendas, minutes and other details, visit the Board's website at [www.rcsdk12.org/page/706](http://www.rcsdk12.org/page/706).

Monthly RJSCB business meetings as well as all Committee meeting are open to the public. The Board's M/WBE and Services Procurement Committee and the Finance Committee meet each month generally on the Thursday prior to the monthly business meeting. Those meetings take place at 7:30am and 9:00am respectively. Please check the website [www.rcsdk12.org/page/706](http://www.rcsdk12.org/page/706) for a complete meeting schedule.

**Exhibit A**  
**Phase 1**

Table of Professional Service Firms, Vendors, and Contractors

<b>Vendors</b>	<b>Description of Services</b>	<b>Firm Location</b>
<b>Program Wide</b>		
Clark Patterson Lee	SEQRA Consulting Service	Rochester Based
Bergmann Associates	Program Assessment	Rochester Based
Bergmann Associates	Program Assessment	Rochester Based
NPV Inc.	Third Party Review Services	Rochester Based
Kaizen Foodservice	Food Service Consulting	Out of Area
Millennium Strategies	District-wide Technology	Out of Area
SWBR Architects	Architectural Master Planning	Rochester Based
Wendel Energy Services	Energy Consultant	Buffalo Based
Harter Secrest	Monthly Project Work	Rochester Based
<b>PHASE 1A Architects and CMs</b>		
CJS Architects	Architect Services - Charlotte	Rochester Based
Clark Patterson Lee	Architect Services - School 50	Rochester Based
JCJ Architecture	Architect Services - School 58	Out of Area
LaBella Associates, P.C.	Architect Services - School 28	Rochester Based
SWBR Architects	Architect Services - School 17	Rochester Based
Young + Wright Architects	Architect Services - Franklin + Aud	Buffalo Based
LeChase Construction	CM Services (28 and 58)	Rochester Based
The Pike Company	CM Services (17 and 50)	Rochester Based
Campus Construction	CM Servs (Charlotte & Franklin)	Rochester Based
<b>Other Professional Services</b>		
Seeler Engineering	PLA Study	Rochester Based
LaBella Associates	Comm. Agent (17, 58, Monroe)	Rochester Based
Hunt Engineers	Comm. Agent (28, 50, Edison)	Rochester Based
Erdman Anthony	Comm Agent (5, 12, Char, Frank)	Rochester Based
Landon & Rian	ICO (Stage 2)	Rochester Based
Freed Maxick	Audit	Rochester Based
Baker Tilly	ICO (balance of Phase 1)	Out of Area
OSO Inc	Env. Monitoring (1A)	Rochester Based
OSO Inc	Env. Monitoring (1B)	Rochester Based
Lawley Services	Ins. & Bond Review	Rochester Based
Main-Ford General Supply	Kitchen Equipment (1a)	Rochester Based
Main-Ford General Supply	Kitchen Equipment (1b)	Rochester Based
Charlotte Appliance	Small Appliances	Rochester Based
Appliance Associates of Buffalo	Small Appliances (1b)	Buffalo Based



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Buffalo Hotel Supply	Serving line @ Franklin Swing Space	Buffalo Based
zSpace Inc	STEM Lab Workstations	Out of Area
School Specialty	FF&E (17/50/Char)	Rochester Based
Facilities Equip & Services	FF&E (17/50/Char)	Rochester Based
FM Resources	FF&E (17/50/Char)	Rochester Based
Hertz Furniture	FF&E (17/50/Char)	Out of Area
ProMaxima	Fitness Equipment	Out of Area
School Specialty	FF&E (5, 28, 58, Edison)	Rochester Based
Facilities Equip & Services	FF&E (5, 28, 58, Edison)	Rochester Based
FM Resources / Office	FF&E (5, 28, 58, Edison)	Rochester Based
Hertz Furniture	FF&E (5, 28, 58, Edison)	Out of Area
Uline	mobile organizer school 58	Out of Area
Crowd control warehouse	58 security barriers	Out of Area
Meadows Office Furn	FF&E	Rochester Based
JSJ/Sedgwick Business Int.	FF&E	Rochester Based
Quality Office / Krueger	FF&E	Rochester Based
Hertz Furniture	AV Carts	Out of Area
School Specialty	Butcher Block Tables	Rochester Based
Professional Furn & Eq.	Mezzanine Seating	Out of Area
School Specialty	wooden lockers	Rochester Based
Accent Woodworks	IT cabinets	Rochester Based
FES	School 58 Bleachers	Rochester Based
SJB Services	Special Inspections / Testing (1A)	Rochester Based
SJB Services	Special Inspections / Testing (1B)	Rochester Based
JT Securities	Security Services (17/50/58)	Rochester Based
AP Safety and Security	Security Services (5/28/Edison)	Rochester Based
AP Safety and Security	Security Services (School 12) Monroe extension	Rochester Based
Lafayette Storage & Moving	Moving Services	Rochester Based
FM Office Express	Moving Services	Rochester Based
Corrigan Moving	Moving Services	Rochester Based
MDI	Moving Services	Rochester Based
CCP	Pre-Apprenticeship Program	Out of Area
Corrigan Moving	Moving Services 1B	Rochester Based
Clark Moving	Moving Services 1B	Rochester Based
FM Office Express / Merkle	Moving Services 1B	Rochester Based
FM Office Express / Merkle	Moving Services 1c	Rochester Based
Pacific Scientific Transport	Chemical Moves (Monroe)	Out of Area
Nickerson Corp	School 12 FF&E	Rochester Based
FM Resources	School 12 FF&E	Rochester Based
FES	School 12 FF&E	Rochester Based
Hertz Furniture	School 12 FF&E	Out of Area

WB Mason	School 12 FF&E	Out of Area
FES	Additional FF&E School 12	Rochester Based
Clark Moving	School 12 move	Rochester Based
Vargas Associates	Move Manager	Rochester Based

**PHASE 1B Architects and CMs**

CJS Architects	Architect Services - Monroe	Rochester Based
Young & Wright Architects	Architect Services - School 5	Buffalo Based
LaBella Associates	Architect Services - Edison	Rochester Based
SEI Design Group	Architect Services - School 12	Rochester Based
Cannon Design	Architect Services - East	Buffalo Based
SEI Design Group	Architect Services - Jefferson	Rochester Based
Pike	CM Services - School 5 and 12	Rochester Based
Campus	CM Services - Monroe	Rochester Based
LPCiminelli	CM Services - East and Edison	Buffalo Based

**Construction Contracts**

Hewitt Young Electric	DWT 1a	Rochester Based
TEQ	Interactive White Boards	Out of Area
Ronco	Network Electronics	Rochester Based
ICS Telecom	Handsets	Rochester Based
Hewitt Young Electric	DWT 1b	Rochester Based
Ronco	Interactive White Boards	Rochester Based
Dyntek	Network Electronics	Out of Area
Frontrunner Networks	Handsets	Rochester Based
Dyntek	Network Electronics	Out of Area
Frontrunner Networks	DWT - School 12 handsets	Rochester Based
TEQ	Interactive White Boards	Out of Area
Day Automation	School 12 Building Controls	Rochester Based
Day Automation	Monroe Building Controls	Rochester Based
Day Automation	Monroe Access Controls	Rochester Based
Day Automation	East (summer) Building Controls	Rochester Based
Day Automation	East (summer) Access Controls	Rochester Based
Day Automation	East (summer) additional Access Controls	Rochester Based
Manning Squires Hennig	School 58 GC	Rochester Based
Leo J. Roth	School 58 - Mech	Rochester Based
Eastcoast Electric	School 58	Rochester Based
M. A. Ferraulo	School 58 - Plum	Rochester Based
Manning Squires Hennig	School 28	Rochester Based
Bell Mechanical	School 28 - Mech	Rochester Based
Nairy Mechanical	School 28 - Plumb	Rochester Based
Kaplan Schmidt	School 28	Rochester Based
Manning Squires Hennig	School 50	Rochester Based
B&B Mechanical	School 50 - Mech	Rochester Based

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Eastcost Electric	School 50	Rochester Based
Thurston Dudek	School 50 - Plumb	Rochester Based
Manning Squires Hennig	School 17	Rochester Based
Testa Construction	School 17 - Clinic GC	Rochester Based
M. A. Ferraulio	School 17 - Mech	Rochester Based
Eastcoast Electric	School 17	Rochester Based
M. A. Ferraulio	School 17 - Plumb	Rochester Based
The Pike Company	Charlotte	Rochester Based
M. A. Ferraulio	Charlotte - Mech	Rochester Based
Concord Electric	Charlotte	Rochester Based
Thurston Dudek	Charlotte - Plumb	Rochester Based
The Pike Company	East	Rochester Based
DiFiore Construction	East Field	Rochester Based
Steve General	East - Summer Project	Rochester Based
LeChase Construction	School 5	Rochester Based
Bell Mechanical	School 5 - Mech	Rochester Based
Kaplan Schmidt	School 5	Rochester Based
Thurston Dudek	School 5 - Plumb	Rochester Based
Steve General	School 5 - Roofing	Rochester Based
The Pike Company	Edison	Rochester Based
Landry Mechanical	Edison	Rochester Based
MA Ferraulio	Edison-plumb	Rochester Based
Hewitt Young	Edison	Rochester Based
Steve General	Franklin Aud	Rochester Based
Kaplan Schmidt	Franklin Aud	Rochester Based
MA Ferraulio	Franklin Aud	Rochester Based
Steve General	Franklin Aud Roof	Rochester Based
Mark Cerrone Inc.	School 12 (abatment/demo)	Buffalo Based
LeChase Construction	School 12	Rochester Based
Landry Mechanical	School 12	Rochester Based
Hewitt Young	School 12	Rochester Based
MA Ferraulio	School 12	Rochester Based
Steve General	Jefferson	Rochester Based
MA Ferraulio	Jefferson	Rochester Based
Manning Squires Hennig	Monroe	Rochester Based
MA Ferraulio	Monroe - Mech	Rochester Based
Thurston-Dudek	Monroe - Plum	Rochester Based
Eastcoast Electric	Monroe	Rochester Based
Cucchiara	Franklin	Rochester Based
Leo J. Roth	Franklin - Mech	Rochester Based
Kaplan Schmidt	Franklin	Rochester Based
Thurston Dudek	Franklin	Rochester Based

**Exhibit A (continued)**  
**Phase 2**

Table of Professional Service Firms, Vendors, and Contractors

<b>Vendor</b>	<b>Description of Services</b>	<b>Firm Location</b>
CJS	Architect Monroe High School	Rochester Based
Clark Patterson Lee	SEQRA Consulting Service	Rochester Based
Seeler Engineering	PLA Study	Rochester Based
Cannon Design	Architect East	Buffalo Based
SEI Desgin	Architect School 7	Rochester Based
SWBR	Architect School 16	Rochester Based
Campus	CM - Monroe	Rochester Based
Clark Moving & Storage	Moving Services - School 7	Rochester Based

**Exhibit B**  
**Project Summaries**

**“Phase 1A” Schools**

**ENRICO FERMI SCHOOL 17**

Located in the northwest area of Rochester, Enrico Fermi School No. 17 was a Pre K – 6 school with a current enrollment of 561 students. Constructed in 1967, the building was a three-story construction and contains approximately 77,111 square feet of building space. Additionally, the school utilized four transportable classroom units that totaled approximately 4,584 square feet. The building sits on a 5.40 acre site, has 32 parking spaces, playground space, an athletic field and basketball court. The buses load/unloaded on the service drive located on site to the North of the school building. A 3.76 acre city park sits adjacent to the school to the east.

The school contained 37 general classrooms, most of which met today’s standard. Common spaces include a cafeteria, gymnasium and library. The stage located in the cafeteria allowed the lunchroom to double as an auditorium/performing arts venue. School No. 17 housed a universal Pre K program, a Montessori Pre K/Kindergarten, the Unity Health Orchard Street Community Health & Family Center and a dental clinic run by the Eastman Dental Center’s Department of Community Dentistry. It offered a bilingual program for native Spanish speakers in Kindergarten through grade 6; had the District’s only elementary school string orchestra, taught by personnel from the Eastman School of Music; and had a primary and intermediate vocal chorus.

The scope of work for this facility was driven by its conversion to a 3-strand (3 classrooms per grade level) K – 8 building. Approximately \$2.3 million in infrastructure work was identified to repair and replace deficient and outdated systems in the school’s physical plant. Exterior rehabilitation work included some window replacement, replacing the doors, and rehabilitation and repairs to the existing precast concrete wall system.

The final design incorporated some new classrooms and a large building addition for a new cafeteria and gymnasium on the east side of the facility bounded by Saxton Street. A new vestibule was been added between the existing main facility and a cluster of kindergarten rooms to create a new main entrance. Due the limited amount of land available, the design included land-use modifications to adjust for the impact of the building addition to recreational areas, play fields, green space, pedestrian circulation and parking. A landscaped buffer was maintained between the new addition and Saxton Street. Adjacent parkland access from the school site was been improved. A dedicated service and loading area was been added on the Saxton Street side. The existing bus loop extending from Orchard Street to Saxton Street (north of school) was upgraded with new fencing, curb cuts, roadway and improved drainage. All fencing, curb cuts and landscaping were designed to complement adjacent properties and provide adequate buffers.

The School 17 project was completed in the summer of 2013 and re-opened for school programs at the start of the 2013-2014 school year.

## **HELEN BARRETT MONTGOMERY SCHOOL 50**

Located in the northeast area of Rochester, Helen Barrett Montgomery School No. 50 was a K – 6 school with a current enrollment of 530 students. A single-story building, School No. 50 contained approximately 55,832 square feet of building area. Constructed in 1956, the building sits on a 6.54 acre site. It had 55 parking spaces, playground space, an athletic field and a baseball diamond. The buses unloaded in a loop off the north face of the school along Rau Street.

The school contained 25 general classrooms, most of which met today's standard. Special programs offered included the Major Achievement Program (MAP) for grades 4-6, Learning English through Academic Program (LEAP) for grades K-3, and English for Speakers of Other Languages (ESOL) for all grades. Common spaces included a cafeteria, gymnasium, library, and a computer lab as well as mobile computer laptop stations. The existing school building did not have a stage or defined auditorium.

The scope of work for this facility was driven by its conversion to a 3-strand (3 classrooms per grade level) K–8 building. Proposed building rehabilitation work included alterations to reconfigure approximately 15,000 square feet of existing building area and renovation of approximately 31,000 square feet of existing building area. Approximately \$2.4 million in infrastructure work was identified to repair and replace deficient and outdated systems in the school's physical plant. Interior rehabilitation work included removal and replacement of interior finishes, doors, HVAC, plumbing and electrical systems and asbestos abatement.

A total of 53,331 square feet of additions to add needed classroom spaces, a large gymnasium addition, and a new kitchen were required to meet the model program needs of a K–8 school. Following construction, the closing of Lehaco St. was requested and approved to provide for additional field area to make up for some of the field space being taken by the building additions. Additional parking along Reliance St. was constructed to address the parking deficiency as the projected parking demand exceeded the currently available on-site parking. The exterior of the existing school facing Seneca Avenue and Rau Street remained largely unchanged. The exterior façade of the existing school building along Reliance Street was slightly changed by the classroom addition.

Full building air conditioning was requested by the District and added to this project during construction.

The School 50 project was completed in the summer of 2013 and re-opened for school programs at the start of the 2013-2014 school year.

## **WORLD OF INQUIRY SCHOOL 58**

Located in the south area of Rochester, World of Inquiry School No. 58 was a K – 8 school. The school’s current enrollment was 476 students. A two-story building with a basement, School No. 58 contained approximately 106,510 square feet of building area. It is an Expeditionary Learning school, using inquiry-based learning that is interactive, experiential, and exploratory. The District’s initiative was to “grow” this school to become the first K – 12 school in the district. It had been “growing” this school by adding an additional grade level each year.

Constructed in 1915, the school contained 23 general classrooms, most of which are smaller than today’s standard. Common spaces included a cafeteria, two single teaching station gymnasiums and a library. A stage located in the upper gymnasium allowed this space to function as an auditorium. The building sits on a 2.72 acre site, has 59 parking spaces, playground space and a basketball court. The buses unloaded at the south face of the school on University Avenue.

The proposed scope of work for this facility centered on its “growth” to a K – 12 facility: 2- strands/classrooms per grade level at grades K - 6 and 3-strands/3classrooms per grade level at grades 7-12. Proposed building work included alterations to reconfigure approximately 50,000 square feet of existing building area, renovation of approximately 50,000 square feet of building area; and several additions totaling approximately 60,000 square feet to meet the educational program and space needs of a grades K – 12 school. The additions included a combination of spaces including classrooms, a gym addition, mechanical room additions, and administrative space.

Approximately \$1.6 million in infrastructure work was identified to repair and replace deficient and outdated systems in the school’s physical plant. Interior rehabilitation work included removal and replacement of interior finishes, doors, HVAC, plumbing and electrical systems and asbestos abatement. Exterior rehabilitation work included complete window and exterior door replacement, replacement of the roof, and rehabilitation and repairs to the existing brick masonry, stone and precast. Parking demand was addressed by ancillary parking to be developed off-site.

Full building air conditioning was requested by the District and added to this project just as the project went out to bid. As a result, the mechanical, electrical, and plumbing bid was delayed by 6 months. The project team redesigned the entire mechanical system and revised the bid documents to incorporate the new work.

The School 58 project began construction in early fall of 2012. The project was completed in December 2014. The School moved back into their home building over February break 2015. The first senior class ever at School 58 graduated from their home school last summer. In addition, the building celebrated its 100<sup>th</sup> anniversary.

## **CHARLOTTE HIGH SCHOOL**

Located in the northwest area of Rochester, Charlotte High School was a grade 7 through 12 school with a current enrollment of 1092 students. Constructed in 1931, the building contained five-stories and a basement, and contained 216,670 square feet of space. The building sits on a 26.97 acre site. It has 160 parking spaces, a track, football field, two baseball/softball fields and five tennis courts. The buses unloaded off the east face of the school in the bus loop off Lake Avenue.

The school contained 53 general classrooms, most of which met today's standard. Common spaces include a cafeteria, a two teaching station gymnasium, a second gymnasium, a natatorium, auditorium and library. The scope of work proposed for this building included alterations and reconstruction to approximately 125,000 square feet of existing building space and site work. The building will serve grades 9 through 12 as the home for two high schools including a Young Men's Leadership Academy and an existing coed high school.

Approximately \$6.4 million in infrastructure work was been identified to repair and replace deficient and outdated systems in the school's physical plant. Interior rehabilitation work included the removal and replacement of interior finishes, doors, HVAC, plumbing and electrical systems, and asbestos abatement. Exterior rehabilitation work included replacement of roof areas, exterior door replacement, and masonry rehabilitation. Additionally, reconstruction and/or replacement of existing site elements included asphalt and concrete pavement and sidewalks, fencing, and site lighting.

The Charlotte High School project was completed in the summer of 2013 and re-opened for school programs at the start of the 2013-2014 school year.



## FRANKLIN EDUCATIONAL CAMPUS

Located in the northeast area of Rochester, Franklin Educational Campus housed the District's pre-k through grade 6 Montessori school, and three secondary school programs. Constructed in 1928, the building contained four-stories and a basement totaling 443,510 square feet of building area. The building sits on a 22.93 acre site, has an all-weather track, football and soccer fields, four baseball/softball fields and seven tennis courts. The buses unloaded in the bus loop off the south face of the school at Norton Street.

For the 2010 - 2011 school year, the Franklin Campus was home to three new high schools: Integrated Arts & Technology High School, a grades 7 – 12 expeditionary learning/outward bound secondary school; Early College International High School, a grades 9 – 12 International Studies School; and Vanguard Collegiate High School, a grades 9 – 12 high school. All schools offered cutting-edge technology. Early College International High Schools also offered dual language opportunities including Mandarin Chinese and model United Nations programs. The facility contained 89 general classrooms, most of which met or exceeded today's standard. Common spaces included a cafeteria, a two teaching station gymnasium, auditorium and library.

The proposed scope of work for the Franklin Education campus included alterations and an addition package that provided two new accessible entrances to the building. This included a new accessible entrance at the rear of the building, which is being used primarily for sporting events. This entrance also houses a new accessible elevator which carries students from grade level to the gymnasium, pool, and a new loading dock and receiving area. Interior alterations included full renovation of the existing kitchen and servery, included new finishes, equipment, and a new accessible toilet room. Also, included was the replacement of the existing service elevator, which had outlived its useful life, with a new accessible lobby and elevator; and renovations to the main lobby at the building's south entrance. Mechanical work included upgrades to the existing kitchen HVAC and ventilation systems; associated work required for the building addition and service elevator replacement. Site work included the removal and replacement of concrete walks and ramps, removal and replacement of site fencing and guardrails; removal and replacement of asphalt paving, and the installation of a new asphalt parking lot with bus loop.

The main Franklin Educational Campus project was completed in the summer of 2013.

Following the design and start of construction of the main Franklin project, the District requested that the Franklin Auditorium be renovated. This scope of work included the addition of air conditioning to the space, refurbishment or replacement of all finishes, lighting / lighting systems, curtains, rigging, sound systems, electrical, and seating as well as exterior roof replacement and masonry repairs.

The work on the Franklin Auditorium was bid separately from the main project. The project began construction in the fall of 2013 and was completed July 2014.

**Exhibit B**  
**Project Summaries**

**“Phase 1B” Schools**

**JOHN WILLIAMS SCHOOL 5**

Located in the northeast zone, School No. 5 was a Pre K – 6 school with an enrollment of approximately 550 students. It was the northwest LEAP school—a school for children whose native language was other than English—for the City School District. Constructed in 1926, this three-story building with a basement contained 124,924 square feet of building space. The building contained 46 general classrooms, most of which are smaller than today’s standard. Core spaces within the building included a gymnasium with two teaching stations, cafeteria, a library media center, a fully equipped computer lab, a wireless lab, and computers in every classroom. The building did not have an auditorium, however a stage located in the gymnasium allowed the gym to function as an auditorium/performing arts venue.

The proposed scope of work for this facility centered on the conversion from a Pre K – 6 school to a 3-strand (3 classrooms per grade level) Pre K – 8 facility. The proposed scope included moderate to heavy renovations of approximately 102,000 square feet of existing space. This included renovation of the kitchen, the main office/agency partner space, and the nurse’s suite on the 1st floor; and renovation of the library and computer classroom. Reconfiguration and alteration of approximately 32,000 square feet of existing interior spaces created two special education classrooms, an art room for 7th and 8th grade students, a band/chorus classroom, dedicated classroom space or occupational therapy/physical therapy, and two science classrooms/labs for grades 7 and 8.

The building sits on a 2.94 acre site that includes the building footprint, parking a playground, athletic field, baseball diamond, and a basketball court. Previously, the buses unloaded along Verona Street. the project acquired a portion of Verona Street between Smith and Jay Streets and the intersections of Verona and Smith Street at Jay Street were modified to suit their new purpose as driveway curb cuts to the site to allow for bus access to the rear of the building. Site work included the addition of approximately 35 – 40 additional parking spaces on the southwest side of Verona Street on City of Rochester property to address the parking deficiency on site.

Approximately \$2.4 million dollars in infrastructure work was identified to repair and replace deficient and outdated systems in the school’s physical plant. This work included HVAC, plumbing and electrical upgrades; interior work, fire safety and emergency lighting, and handicapped accessibility items.

Full building air conditioning was requested by the District and added to this project during the design phase.

The School 5 project began construction in July 2013, was completed in the summer of 2014, and re-opened for school programs at the start of the 2014-2015 school year.

## **HENRY HUDSON SCHOOL 28**

Located in the northeast area of Rochester, Henry Hudson School No. 28 was a K – 6 school with an enrollment of 624 students in kindergarten through grade 6. This two-story, 101,370 square foot building was constructed in 1969. The building sits on a 5.80 acre site. It had 56 parking spaces, playground space, an athletic field, baseball diamond, and basketball court. The buses unloaded in a loop off the south face of the school along Humboldt Street. A 1.60 acre city park sits adjacent to the school to the northeast.

The school contained 32 general classrooms, most of which met today's standard except for classroom daylight. Common spaces included a cafeteria, gymnasium, a state-of-the-art computer lab as well as a mobile lab; and computers with online access in all classrooms and the library. The stage located in the cafeteria allowed the lunchroom to double as an auditorium/performing arts venue. School No. 28 offered a bilingual program and provided additional support through English for Speakers of Other Languages (ESOL) classes; offered self-contained and inclusive opportunities for students with autism and additionally offered inclusion opportunities at all grade levels for students with learning disabilities and other cognitive deficits; the Major Achievement Program (MAP), which provided students with opportunities for acceleration and enrichment; formal band instrument lessons for students in grades 4-6, and after-school learning and recreation opportunities.

The scope of work for this facility was driven by its conversion to a 3-strand (3 classrooms per grade level) K – 8 building. Building rehabilitation work included extensive abatement of asbestos fireproofing on the structural steel and alterations to reconfigure and/or renovate the entire building. Approximately \$2.3 million in infrastructure work was identified to repair and replace deficient and outdated systems in the school's physical plant. Interior rehabilitation work included removal and replacement of interior finishes, doors, HVAC, plumbing and electrical systems and the extensive asbestos abatement work. Exterior rehabilitation work included complete window and exterior door replacement and rehabilitation of the precast concrete wall system.

There were three small two-story additions needed to meet the model program needs of a K – 8 school. Site work included additional parking on the west side of the building.

Full building air conditioning was requested by the District and added to this project during the design phase.

The School 28 project began construction in July 2013, was completed in the summer of 2014, and re-opened for school programs at the start of the 2014-2015 school year. This was a one year improvement on the original schedule which had proposed a 2 year construction period.

## EAST HIGH SCHOOL

Located in the northeast area of Rochester, East High School's current enrollment when the project was completed was 1713 students in grades 7 through 12. Constructed in 1957, East is a three-story building comprised of 418,536 square feet of building area. The building sits on a 29.9 acre site, has parking, a track, football, soccer, baseball and softball fields, four tennis courts and an obstacle/ropes course. The buses unload in the bus loop off the at the north south face of the school at Main Street.

The school contained 100 general classrooms, most of which did not meet today's standard. Common spaces included a cafeteria, two teaching station gymnasium, a pool, auditorium and library. Beginning with the 2011-2012 school year, the five learning communities that were active at the school were:

- The Foundation Academy (7-8th Grades)
- The Academy of Business Management and Finance (9-12th Grades)
- The Academy of Humanities, Arts & Communication (9-12th Grades)
- The Academy of Environmental Sciences, Information Technology & Pre-Engineering (9-12th Grades)
- The Academy of Human, Health & Public Services (9-12th Grades)

Approximately \$12 million of infrastructure work was identified through the 2010 Building Condition Survey. The proposed scope of work for the Phase 1 project was driven by completing all infrastructure modernization focusing primarily on the building shell. The entire perimeter of the building including all curtain wall, punched window openings, and storefront locations was replaced, along with exterior masonry restoration and flashing repair. A modest amount of site work was included in the project for parking and sidewalk repairs and drainage. Also included were select locations within the building for asbestos abatement of existing flooring materials.

The main project at East High School began in July 2013, was completed in the summer of 2014, and re-opened for school programs at the start of the 2014-2015 school year.

Following the start of construction on the main project, the District requested that the football field refurbishment be changed and expanded to include the installation of a completely new synthetic turf field. The work on the new field was bid separately from the main project and began construction in March 2014. The project was completed in September 2014.

In the summer of 2014, the District began work on the partnership agreement with the University of Rochester to implement a new strategic vision for the school program. The partnership agreement was approved by the Board of Education in December 2014. In support of the University of Rochester's program changes at East High School the District requested that the RJSCB reallocate Phase 1 funds from other projects to fund a summer "get ready" project at East High School. This \$2 million project was separately bid from the main project and was completed in the summer of 2015.

## **EDISON TECHNOLOGY CAMPUS**

Located in the northwest area of Rochester, Edison Educational Campus was restructured for the 2010 – 2011 school year. Constructed in 1979, Edison is a five-story building with a basement consisting of 464,519 square feet of building area. The building sits on a 29.27 acre site, has 325 parking spaces, a track, football field, two baseball/softball fields and five tennis courts. The buses unload off the south face of the school in the parking lot off Colfax Street.

The school contained 149 general classrooms, most of which meet today's standard. Common spaces included a cafeteria, a two teaching station gymnasium, a natatorium, auditorium and library. At the time of the Phase 1 project, the Edison Educational Campus housed the Rochester S.T.E.M. (Science, Technology, Engineering, and Mathematics) High School for students in grades 9 – 12. Structured as three academies: the Academy of Engineering, Academy of Information Technology, and Academy of Medical Sciences; this high school provided small learning communities for its students. The Robert Brown School of Construction and Design was also housed on the Edison Campus.

Approximately \$15.8 million of infrastructure work was identified in the 2010 Building Condition Survey as being in need of repair or replacement. The proposed scope of work included alterations and reconstruction to approximately 143,810 square feet of building area. Interior rehabilitation work included structural rehabilitation of the post-tensioned concrete floor system, the removal and replacement of interior finishes, doors, HVAC, plumbing, and electrical systems, and asbestos abatement. Site work included the waterproofing of the entire perimeter foundation along with miscellaneous sidewalk and parking repairs as well as the main plaza entrance.

The Edison Technology Campus project began in the summer of 2013, was completed in the summer of 2014, and re-opened for school programs at the start of the 2014-2015 school year.

## **THOMAS JEFFERSON HIGH SCHOOL**

Located in the northwest area of Rochester, Thomas Jefferson High School has a capacity of almost 1000 students. At the time of the Phase 1 program plan, Jefferson did not have a full-time student program and only had the Rochester International Academy (RIA) Newcomer part-time program.

Constructed in 1917, Jefferson is a four-story building with a basement, totaling 255,371 square feet in building area. The building sits on a 2.75 acre site; has parking, a track, football field, seven baseball/softball fields, four basketball courts and four tennis courts. The buses unload off the west face of the school in the parking lot off Bloss Street.

The school contains 78 general classrooms, most of which meet today's standard. Common spaces included a cafeteria, two, two teaching station gymnasiums, a natatorium, auditorium and library.

Because there was not a full-time academic program planned for Jefferson, it was selected by the District as a swing space school to be used by the RSMP for housing other school programs while their schools are under construction--along with the continued use by RIA Newcomer program. As a result of functioning only as a swing space school, the proposed scope of work was limited to minor cosmetic improvements such as painting and some carpet replacement, along with removal of a few pieces of mechanical equipment.

The Jefferson project was bid in June 2014 and all work was completed prior to the start of school in September 2014. To date, the school has functioned admirably as the swing space for School 17, School 5, and School 12 and is planned to continue as swing space during Phase 2.

**Exhibit B**  
**Project Summaries**

**“Phase 1C” Schools**

**JAMES P.B. DUFFY SCHOOL 12**

Located in the south zone, School No. 12 was a kindergarten through grade 6 school with an enrollment of approximately 770 students. Constructed in 1971, this three-story building contained 95,337 square feet of building space. The building contained 40 general classrooms. Small learning environments were created through the use of a “cluster” design - open plan pods of four classrooms. The building did not have a gymnasium, auditorium, or school library. Located adjacent to a City Recreation Facility, the school shared the City’s gymnasium and locker rooms for its physical education programs and sports programs; and the public library located at this site. Having a strong visual arts program, the building featured a “cafetorium,” a stage located in the cafeteria that allows the lunchroom to function as an auditorium/performing arts venue.

Special academic programs offered included the Major Achievement Program (MAP) for grades 4 – 6, and the Spanish/English Dual Language enrichment program (HOLA) for grades K-6.

The scope of work for this facility centers on its conversion from a K – 6 facility to a 4-strand (4 classrooms per grade level) K – 8 facility. The proposed scope includes alterations and renovations of approximately 95,000 square feet of existing interior space including the construction of new partitions to create separate classrooms. Interior rehabilitation work of the existing building includes the removal and replacement of interior finishes, doors; HVAC, plumbing and electrical system upgrades, and abatement of asbestos and asbestos containing materials.

Exterior work includes complete window replacement, exterior doors, and rehabilitation of the existing brick masonry and concrete. In order to meet the model program needs of a K – 8 school, it includes an addition of approximately 8,000 square feet to include the construction of four new 3-story stair towers and two one-story classroom additions, and construction of a one-story addition to infill the overhang area on the South Avenue side of the building, and construct corridor additions at the 2nd and 3rd floors along South Avenue that connect between two of the new stair towers.

The building sits on an 8.02 acre site that includes the building footprint, parking, a playground, athletic field, two baseball diamonds, and a basketball court. The buses unload at a bus loop located off the east face of the building on South Avenue. Adjacent to the school at the west location is Highland Park. The proposed scope of work includes expanding the existing parking lot to add approximately 30 – 35 additional parking spaces. Approximately \$1.7 million dollars in infrastructure work has been identified to repair and replace deficient and outdated systems in the school’s physical plant.

The School 12 project began in the fall of 2014 with abatement and demolition. The remainder of the project bid in early spring 2015 and is currently underway. The project will be completed in the summer of 2016.



## **JAMES MONROE HIGH SCHOOL**

Located in the northwest area of Rochester, James Monroe High School was a grades 7 through 12 United Nations School with a current enrollment of 1079 students. Constructed in 1921, Monroe is a four-story building with a basement totaling 274,087 square feet of area. The building sits on an 8.32 acre site, has parking, an athletic field and three tennis courts. The buses unload off the north face of the school at Alexander Street.

The school contained 69 general classrooms, most of which meet today's standard. Common spaces include a cafeteria, 2 two-teaching station gymnasiums, a pool, auditorium and library. The program offers The Language Academy, an accelerated program designed for native Spanish speakers and English-speaking students interested in developing and excelling in Spanish; the Advancement Via Individual Determination (AVID) program, and the Bilingual Developmental Program, a full-day program for Spanish speakers who are English Language Learners and Former English Language Learners in Grades 7 and 8. The program is designed to provide instruction in Spanish and English in the content areas and ESOL services in a pull out and co-teaching model.

The proposed scope of work, which will start in Phase 1 and be completed in Phase 2, includes alterations and reconstruction to approximately 200,000 square feet of building area. Approximately \$3.9 million in infrastructure work has been identified to repair and replace deficient and outdated systems in the school's physical plant. Interior rehabilitation work includes stabilizing the floor structure, removal and replacement of interior finishes, doors, HVAC, plumbing, and electrical systems, and asbestos abatement. Exterior rehabilitation work includes roof replacement, and masonry rehabilitation.

Full building air conditioning was requested by the District and added to this project during the design phase.

The Monroe High School project was awarded in June 2015 with the start of construction in July 2015. The Phase 1 part of the project will be completed in the summer of 2016.



## **DISTRICT WIDE TECHNOLOGY (DWT) PROJECT**

Phase 1 of the RSMP includes a separate project to include technology in all of the Phase 1 schools. The first set of schools, called the Phase 1A grouping includes Franklin, School 17, School 50, Charlotte, and School 58. The scope of the DWT work for the Phase 1A Schools included instructional technology upgrades which include data, voice and video cabling, LAN Upgrades, pervasive wireless connectivity, video surveillance, interactive whiteboards with projection systems, extension of phone systems, sound field amplification and a centralized media distribution system. A similar project for the Phase 1B schools was developed and bid in 2013. Upon completion of these projects for the two groupings of the Phase 1 projects, teachers at these schools will have enhanced access to tools and resources to enhance teaching and learning.

Work associated with the District Wide Technology project coincides with the main construction project at each school. School 17, 50, and Charlotte were completed in 2013. Schools 5, 28, 58, and Edison were completed in 2014. School 12 and Monroe are the final two projects in Phase 1 started in 2015 and completing in 2016.

## **Exhibit C**

### **Swing Space Allocations 2016 and Anticipated Phase 2 Plan**

- School 12 will move back home in the summer of 2016.
- Students from Monroe High School (currently at Marshall High School) and School 15 (currently at School 6) will remain in swing space at the beginning of Phase 2.
- Students from School 16 (currently at Freddie Thomas) will remain in swing space at the beginning of Phase 2.
- Students from School 22 (currently at Franklin High School) will remain in swing space at the beginning of Phase 2.
- School 7 is scheduled to move to swing space at Jefferson High School in the summer of 2016 at the start of Phase 2.
- The project at East will likely require a portion of the students to be relocated into swing space. Possible candidate locations include: Marshall (following the Monroe students' departure back to their home school) or Charlotte High School.
- The project at Edison Technology Campus will likely require a portion of the students to be relocated into swing space. Possible candidate locations include: Marshall or Charlotte High School.
- School 10 is scheduled to move to swing space at School 44 in the summer of 2018 following the completion of the School 16 project.
- School 4 is scheduled to move to swing space at Jefferson High School following School 7.
- School 2 is scheduled to move to swing space at Marshall following either East or Edison.
- School 30/54 is scheduled to move to swing space at School 25 following the renovation of School 6 which will become the permanent home of School 25.

**Exhibit D**

**Table of Phase 1 Estimated Construction Cost and Anticipated State Aid Reimbursement**

PROGRAM SUMMARY (5/2/16)								
ITEMS	PHASE 1A PROJECTS						SUBTOTALS 1A	
	DWT-1	17	17 EPC	50	58	CHARLOTTE	FRANKLIN	
ESTIMATED TOTAL PROJECT COST	\$ 22,373,466	\$ 28,802,836	\$ 121,300	\$ 23,291,114	\$ 44,138,208	\$ 28,291,843	\$ 11,288,489	\$ 158,307,256
ESTIMATED STATE BUILDING AID	\$ 20,772,552	\$ 19,702,320	\$ 118,874	\$ 18,112,547	\$ 22,509,762	\$ 27,368,257	\$ 10,920,705	\$ 119,505,017
ESTIMATED EXCEL FUNDING	\$ 338,101	\$ 6,727,855		\$ 2,438,524	\$ 6,206,071	\$ 505,790	\$ 115,784	\$ 16,332,125

PHASE 1B PROJECTS						
ITEMS	DWT-2	5	28	EAST	EDISON	SUBTOTALS 1B
ESTIMATED TOTAL PROJECT COST	\$ 18,728,474	\$ 21,688,476	\$ 23,895,053	\$ 18,946,310	\$ 26,771,677	\$ 110,029,990
ESTIMATED STATE BUILDING AID	\$ 17,262,625	\$ 19,068,868	\$ 20,236,558	\$ 17,795,830	\$ 24,925,076	\$ 99,288,957

PHASE 1C PROJECTS (yet to bid)				
ITEMS	12	MONROE	JEFFERSON	SUBTOTALS 1C
ESTIMATED TOTAL PROJECT COST	\$ 24,552,887	\$ 30,969,745	\$ 379,651	\$ 55,902,283
ESTIMATED STATE BUILDING AID	\$ 20,818,481	\$ 29,258,572	\$ 1,497,400	\$ 51,574,453

	Additional Owner's Contingency
PROGRAM LIMIT	\$ 325,000,000
COMMITTED & ESTIMATED COST TO COMPLETE	\$ 324,239,529
UNCOMMITTED CONTINGENCY	\$ 760,471
ESTIMATED TOTAL STATE AID	\$ 286,700,552
*UNAIDED OR ABOVE MCA	\$ 37,538,977

\* amount above MCA does not represent "local share"

"local share" is the difference between the annual debt service and the annual state aid  
See Table of Debt Service vs Anticipated State Aid Reimbursement

**\* This table is updated monthly to track project costs in real time for the duration of the project.**

**Exhibit E**

**Table of Debt Service and Anticipated State Aid Reimbursement  
Phase 1  
(updated April 2016)**

**ROCHESTER JOINT SCHOOLS CONSTRUCTION BOARD  
Facilities Modernization Program [Phase I]  
COMIDA Series 2012, 2013 and 2015 Financings**

**Annual Net Debt Service vs. Annual Building Aid**

Fiscal Year	Annual Aggregate Net Debt Service (1)	Annual Aggregate Building Aid (2)	DISTRICT SHARE Annual Difference	Sources of Local Share		Net Annual Difference
				Annual Energy Savings (3)	School District Local Share Funding	
2013	0	0	-		0	
2014	5,004,182	6,710,163	1,705,981	6,883	0	1,712,864
2015	15,695,428	16,799,712	1,104,284	153,121	0	1,257,405
2016	19,831,092	16,799,712	(3,031,380)	378,410	2,652,970	0
2017	23,857,946	21,057,275	(2,800,671)	389,762	2,410,908	0
2018	23,873,196	21,057,275	(2,815,921)	401,455	2,414,466	0
2019	23,896,946	21,057,275	(2,839,671)	413,499	2,426,172	0
2020	23,916,946	21,057,275	(2,859,671)	425,904	2,433,767	0
2021	23,936,446	21,057,275	(2,879,171)	438,681	2,440,490	0
2022	23,843,446	21,057,275	(2,786,171)	451,841	2,334,329	0
2023	23,757,446	21,057,275	(2,700,171)	465,397	2,234,774	0
2024	23,770,196	21,057,275	(2,712,921)	479,359	2,233,562	0
2025	23,786,446	21,057,275	(2,729,171)	493,739	2,235,431	0
2026	23,799,696	21,057,275	(2,742,421)	508,552	2,233,869	0
2027	23,813,696	21,057,275	(2,756,421)	523,808	2,232,613	0
2028	26,246,946	21,057,275	(5,189,671)	539,522	4,650,148	0
2029	16,323,500	14,347,112	(1,976,388)	555,708	1,420,680	0
2030	5,123,500	4,257,563	(865,937)	572,379	293,558	0
2031	4,950,750	4,257,563	(693,187)	589,551	103,636	0
2032	0	-	-	607,237	0	607,237
2033	0	-	-	625,454	0	625,454
2034	0	-	-	631,786	0	631,786
2035	0	-	-	386,990	0	386,990
	0	-	-		0	0
	<b>355,427,802</b>	<b>315,859,125</b>	<b>(39,568,677)</b>	<b>10,039,041</b>	<b>34,751,374</b>	<b>3,508,873</b>

Assumed AMORTIZATION Interest Rates Summary			
	Un-Rounded NIC	Rounded NIC	
Series 2012	0.664802%	0.625%	0.625%
Series 2013	3.387610%	3.375%	3.375%
Series 2015	3.029742%	3.000%	3.000%

(1) Aggregate annual debt service, net of capitalized interest, for Series 2012, 2013 and 2015 bonds. (provided by CitiGroup)

(2) Aggregate building aid for all projects calculated at the actual interest rates summarized above, using estimated final costs provided by RJSCB.

(3) Source: Wendel Phase I Preliminary Assessment of Energy Performance Contracting (November 19, 2010).

**The local share for the project is calculated based on the debt service payments vs. state aid reimbursement**

**Exhibit E (continued)**

**Table of Debt Service and Anticipated State Aid Reimbursement  
Phase 2  
(updated April 2016)**

**ROCHESTER JOINT SCHOOLS CONSTRUCTION BOARD  
Facilities Modernization Program [Phase II]**

**Annual Net Debt Service vs. Annual Building Aid**

<b>Fiscal Year</b>	<b>Annual Aggregate Net Debt Service (1)</b>	<b>Annual Aggregate Building Aid (2)</b>	<b>DISTRICT SHARE Annual Difference</b>
2017	0	0	-
2018	4,527,942	4,419,649	(108,293)
2019	26,352,194	25,725,849	(626,345)
2020	35,448,722	34,608,332	(840,390)
2021	35,448,750	34,608,332	(838,418)
2022	37,528,750	36,638,897	(889,853)
2023	37,527,500	36,638,897	(888,603)
2024	37,529,750	36,638,897	(890,853)
2025	37,527,750	36,638,897	(888,853)
2026	37,529,000	36,638,897	(890,103)
2027	37,525,500	36,638,897	(886,603)
2028	37,529,500	36,638,897	(890,603)
2029	37,527,500	36,638,897	(888,603)
2030	37,526,500	36,638,897	(887,603)
2031	37,528,000	36,638,897	(889,103)
2032	37,528,250	36,638,897	(889,353)
2033	32,998,500	32,219,248	(779,252)
2034	11,176,250	10,913,048	(263,202)
2035	2,078,250	2,030,565	(47,685)
2036	2,079,000	2,030,565	(48,435)
	<b>562,915,608</b>	<b>549,583,455</b>	<b>(13,332,153)</b>

<b>Assumed AMORTIZATION Interest Rates Summary</b>			
	<b>Un-Rounded NIC</b>	<b>Rounded NIC</b>	
<b>Phase II-A</b>	3.622000%	3.625%	
<b>Phase II-B</b>	3.604751%	3.625%	
<b>Phase II-C</b>	3.689789%	3.625%	
<b>Phase II-D</b>	3.788108%	3.750%	

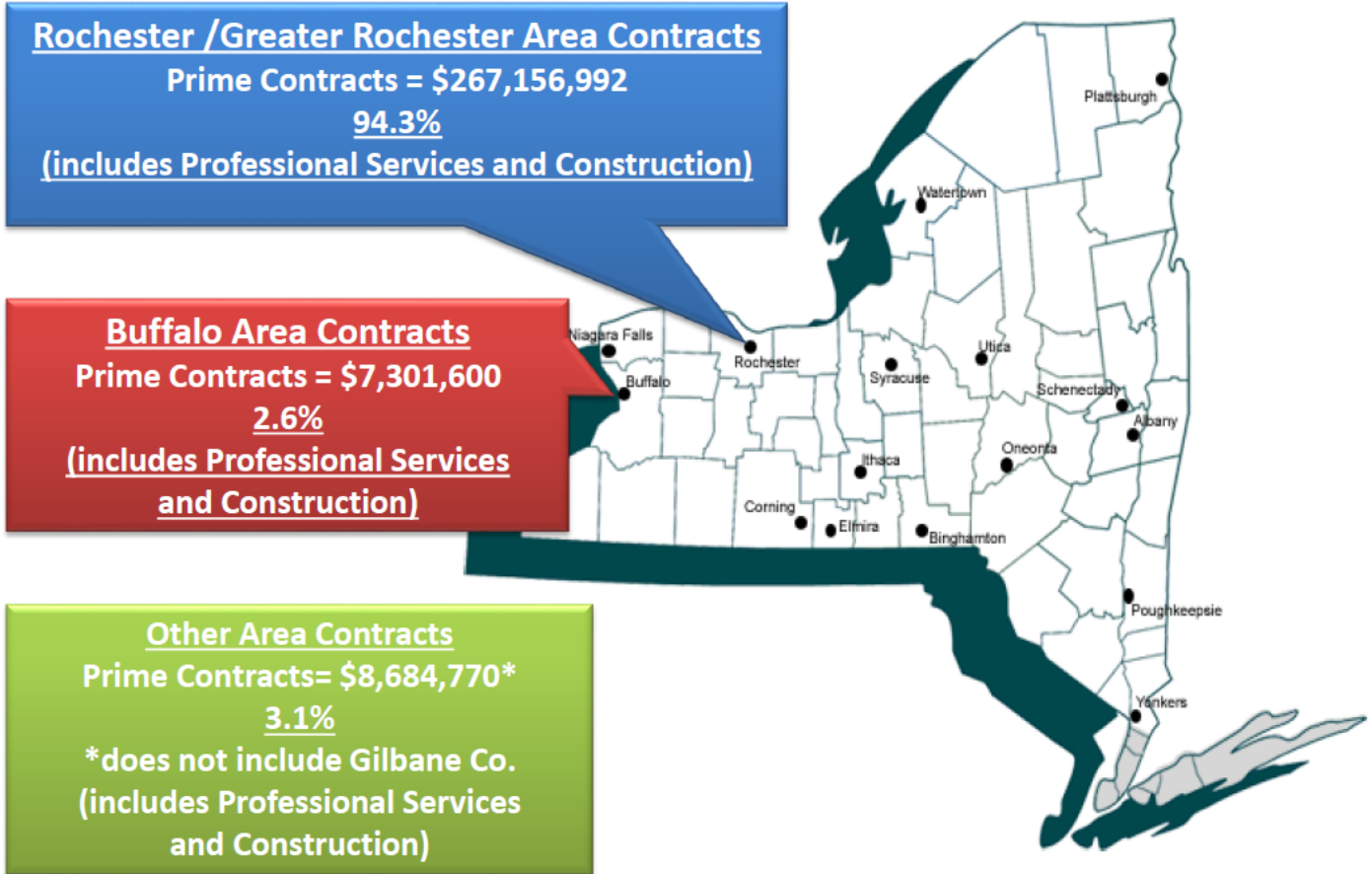
(1) Aggregate annual debt service, including capitalized interest, for Phase II-A, Phase II-B, Phase II-C, and Phase II-D bonds. (provided by CitiGroup)

(2) Aggregate building aid including aid for capitalized interest for all projects calculated at the actual interest rates summarized above, using estimated final costs provided by RSJCB.

**The local share for the project is calculated based on the debt service payments vs. state aid reimbursement**

**Exhibit F**

Phase 1 - Contracts by Region (through May 2016)



Values do not include Financial Advisors, Underwriters, Costs of Issuance (Bonds) or RJCSB operational costs

**Exhibit G**

MBE/WBE/SBE/DBE Business Utilization  
And  
Minority and Women Workforce Summary Report  
(through April 2016)

**BUSINESS UTILIZATION**

**Program Goals 15% MBE, 5% WBE, 5% SBE, 2% DBE**

MBE contracted dollar amount is \$45,031,439

MBE % of Contract Amount is 15.68%

WBE contracted dollar amount is \$21,481,202

WBE % of Contract amount is 7.48%

SBE contracted dollar amount is \$10,726,850

SBE % of Contract amount is 3.74%

DBE contracted dollar amount is \$6,387,534

DBE % of Contract amount is 2.23%

**Total Eligible Business Enterprise (EBE) Contract Values = \$83,627,025**

Total Program Goal of MBE, WBE, SBE, DBE = 27%

**Actual Achievement Total MBE, WBE, SBE, DBE = 29.13%**

**Exhibit G (continued)**

**WORKFORCE PARTICIPATION**

**Program Goals M = 20% W = 6.9%**

Total Hours Worked by All Workers to Date: 1,866,587

Total Hours Worked by All Minorities to Date: 427,933

% of Total Hours Worked by Minorities = 22.93%

Total Hours Worked by Caucasian Women to Date: 135,539\*

% of Total Hours Worked by Women = 7.33%

\* The Women category includes Caucasian women only. Minority women are counted in the Minority category

Total Program Goal of Minority and Women Workforce = 26.9%

**Actual Achievement Total of Minority and Women Workforce = 30.26%**

**The hours worked by minorities and women during Phase 1 translates into nearly \$13 million in actual wages and benefits (verified through certified payroll)**



**Exhibit H**

Table of MBE/WBE/SBE/DBE Subcontractor Firms

	<b>Firm</b>	<b>MBE</b>	<b>WBE</b>	<b>SBE</b>	<b>DBE</b>
<b>1</b>	106 Enterprises			SBE	
<b>2</b>	5 Star Restoration			SBE	
<b>3</b>	AC Insulation			SBE	
<b>4</b>	Access Elevator & Lift Inc.			SBE	
<b>5</b>	Adonis Construction	MBE			
<b>6</b>	Air Systems Balancing			SBE	
<b>7</b>	Akwasne Construction	MBE			DBE
<b>8</b>	A-M Electrical, Inc	MBE			
<b>9</b>	AP Safety and Security Corp.		WBE		
<b>10</b>	Apex Enterprises LLC	MBE			
<b>11</b>	Apollo steel	MBE			
<b>12</b>	AR Pierrepont Co				DBE
<b>13</b>	Archie Donoughe			SBE	
<b>14</b>	Architectura PC		WBE		
<b>15</b>	ArchStetics Architecture	MBE		SBE	
<b>16</b>	ASA Contractors			SBE	
<b>17</b>	Atlantic Glass	MBE			
<b>18</b>	Bethany Technologies		WBE		
<b>19</b>	Bolton Surveying			SBE	
<b>20</b>	Boulter Industrial			SBE	
<b>21</b>	Brooks Brothers Painting of Rochester Inc.				DBE
<b>22</b>	BSV Metal Finishers	MBE			DBE
<b>23</b>	Building Energy Solutions		WBE		
<b>24</b>	C Downing Enterprises	MBE			
<b>25</b>	Cannon & Noto Enterprise	MBE		SBE	
<b>26</b>	Carney Electric	MBE			
<b>27</b>	Casarsa Construction Supply			SBE	
<b>28</b>	Chait Studios			SBE	
<b>29</b>	CHC Construction	MBE			
<b>30</b>	Chenango Contracting, Inc	MBE			
<b>31</b>	CID Coatings	MBE		SBE	
<b>32</b>	City Electric Company Inc.		WBE		DBE
<b>33</b>	Clark Moving & Storage		WBE		
<b>34</b>	Coldwater Insulation		WBE	SBE	
<b>35</b>	Compliance & Administrative Services of NY	MBE			
<b>36</b>	Comprehensive Employee Management	MBE			
<b>37</b>	Construction Cost Services, Inc.	MBE			

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38	Convergent Technologies		WBE		
39	Cooper Sign Company	MBE			
40	Cornerstone Training Institute			SBE	
41	Crosby Brownlee		WBE		
42	Cummings Construction	MBE			
43	Dataflow Reprographics, Inc		WBE		
44	DDT Construction			SBE	
45	Deborah Jean		WBE		
46	Decca Paving				DBE
47	DeClerck Flooring Inc.			SBE	
48	Design Services, Inc				DBE
49	Downey- Goodlein		WBE		
50	Drapery Industries			SBE	
51	Drews Boiler Removal			SBE	
52	Dwyer Architectural		WBE		
53	Edge-Global Technology Solutions			SBE	
54	Elmer W. Davis			SBE	
55	Environmental Design & Research P.C.		WBE	SBE	
56	Firestop Solutions Inc.			SBE	
57	Firestop Technologies			SBE	
58	Fisher Associates		WBE		
59	Flower City Monitors Service	MBE			
60	FM Resources	MBE			
61	Foundation Design			SBE	
62	Foxwise USA	MBE			
63	G & J Contracting	MBE			DBE
64	Garden Grove			SBE	
65	Genesee Restoration		WBE		
66	Gholkar's Incorporated	MBE			
67	GP Land & Carpet Corp	MBE			
68	Grayco Corp			SBE	
69	Gym Equipment & Specialties. of NY Inc.			SBE	
70	Heather Demoras Design		WBE		
71	Herline Technologies		WBE		
72	Herman HVAC Products			SBE	
73	Home Guard Enviromental	MBE		SBE	
74	I.C. Construction Services	MBE			
75	IC Painting	MBE			
76	Indoor Air Technologies		WBE		
77	Installrite Systems			SBE	
78	Interior Moving Service			SBE	
79	Invictus Electrical, LLC			SBE	
80	J&N Computer Services, Inc.		WBE		

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81	Jackson Welding		WBE		
82	Jaclyn Building Services		WBE	SBE	
83	Jai II, Inc	MBE			
84	JC Insulation			SBE	
85	JC Smith		WBE		DBE
86	Jemco Water Treatment			SBE	
87	Jensen / BRV Engineering			SBE	
88	JHP Industrial Supply Co.	MBE		SBE	DBE
89	Jim White Metal Product			SBE	
90	John N Sanchez Corporation	MBE			
91	Journee Construction	MBE		SBE	DBE
92	Joy Kuebler Landscape Architect		WBE		
93	Keeler Construction		WBE		
94	Kenel J Antoine Architect & Associates	MBE			
95	Killian Inc.		WBE		DBE
96	Kisan Engineering				DBE
97	Klug Crane & Rigging			SBE	
98	Kraftwerks		WBE		
99	Krieg Construction		WBE		
100	Kris Kimmel Drafting			SBE	
101	KSP Painting			SBE	
102	Lakeview Construction			SBE	
103	Larsen Engineering	MBE			
104	LDK Engineering		WBE		
105	Lighthouse Energy, LLC.		WBE		
106	Lupini	MBE			
107	Lysander Construction, LLC		WBE		
108	M.A. Architects			SBE	
109	M.H. General Contracting	MBE			
110	Mark Cerrone Inc.		WBE		
111	Martens Janitorial			SBE	
112	Massive Testing & Balancing			SBE	
113	ME Holvey Consulting, LLC.			SBE	
114	Mechanical Testing Inc.		WBE		
115	Merkel Donohue/FM Office Express	MBE			
116	MGM Insulation	MBE			DBE
117	Mid-City Signs			SBE	
118	Millennium Strategies			SBE	
119	Minority Material Haulers		WBE		
120	MJ Dreher Trucking Inc.				DBE
121	MS Unlimited		WBE		DBE
122	NAIRY Mechanical			SBE	
123	Northeast Interior Systems Inc.			SBE	

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124	NPV, Inc		WBE		
125	OCM Construction	MBE	WBE		DBE
126	OSO, Inc	MBE			DBE
127	Pathfinder Engineers And Architects		WBE		
128	Pavilion Drainage	MBE			
129	PDS Construction		WBE		
130	Pipitone Enterprises LLC		WBE		
131	Popli Design Group	MBE			DBE
132	Precision Concrete			SBE	
133	ProCarpet		WBE		
134	Ram-Tech Engineers	MBE			
135	RAVI Engineering	MBE	WBE		DBE
136	Razak Associates	MBE			
137	Redhawk Equipment			SBE	
138	Re-Entry Data		WBE		
139	RF Peck Co.			SBE	
140	Riccelli Enterprises		WBE		
141	Roche & Co			SBE	
142	Rochester Davis Fetch	MBE			
143	Rochester Rigging & Erectors				DBE
144	Rogers Enterprises	MBE		SBE	DBE
145	Roth Consulting		WBE		
146	S&W Contracting	MBE			
147	Safety Zone Ventures				DBE
148	Savin Engineers	MBE			
149	Scott Construction	MBE		SBE	
150	Scott's Unlimited	MBE		SBE	
151	Shades of Color	MBE	WBE		
152	Sheen and Shine				DBE
153	Sienna Envir. Tech		WBE		DBE
154	Sigma PSI			SBE	
155	Singleton Construction	MBE			
156	SLR Contracting & Service Company	MBE			
157	Spectrum Windows & Walls		WBE		
158	Steel Tech Fabricator Inc.	MBE		SBE	
159	Steve General Contractors	MBE			
160	Structural Remediation Services Inc		WBE	SBE	DBE
161	Supreme Quality Painting	MBE			
162	Susquehanna Sheet Metal Erection Service Inc.		WBE	SBE	
163	Syracuse Scenery & Stage Equip.		WBE		
164	Syrstone		WBE		
165	Takeform Architectural Graphics			SBE	
166	Tasteful Connections, Inc.		WBE		

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<b>167</b>	The Kimmel Company Inc	MBE		SBE	
<b>168</b>	Toscano Clements Taylor		WBE		
<b>169</b>	Unified Electric	MBE		SBE	
<b>170</b>	Upstate Interiors	MBE		SBE	DBE
<b>171</b>	Upstate Specialty Coatings, LLC			SBE	
<b>172</b>	US Ceiling	MBE	WBE		
<b>173</b>	Uzo 1 International, Ltd.	MBE		SBE	
<b>174</b>	Vargas Associates		WBE		DBE
<b>175</b>	Victory Lifts			SBE	
<b>176</b>	Watts Architecture & Engineering	MBE			
<b>177</b>	Wayside Contractors		WBE	SBE	
<b>178</b>	We're Forms		WBE		
<b>179</b>	Western NY Floor Co			SBE	
<b>180</b>	Weswood Specialties Inc.			SBE	
<b>181</b>	Williams Doors & Hardware		WBE		
<b>182</b>	WYCO Mechanical, LLC		WBE		