



To: Bond Oversight Committee Members

**From: Brett Yancey, Chief Operations Officer
Tom Lindly, Director of Technology & Transportation**

Date: June 27, 2016

Re: Quarterly Written Report & Update

Thank you again for serving on the Springfield School District's Bond Oversight Committee. As you are aware, progress is happening throughout the District and your community's investment is hard at work.

As per the original charge to the Bond Oversight Committee, a written report is due in March and September during the implementation of the General Obligation Bond Measure. Face-to-face meetings occur in December and June, always beginning with a tour of some of the completed projects.

Attached to this cover member is a comprehensive report as required. You'll notice that the report is organized in two primary sections; construction-related projects and technology-related projects. The construction updates are on pages 2-6 and the technology updates can be found on pages 6-12.

As you review the report please feel free to email clarifying questions or requests for additional information. We will ensure that these questions are directed to the appropriate person for clarification.

Again, thank you for your service.

-Brett & Tom

Hamlin Middle School

The progress on Hamlin Middle School continues, however most of the work has been focused on developing the construction documents for the bidding process. To date, the early site work was completed (May 2016) and the location of the replacement school is ready for the successful General Contractor to begin their work. The bidding documents were published in mid May 2016 and the bid opening was conducted on Tuesday, June 21, 2016. The School Board is scheduled to take action on Monday, June 27th, with work to begin in early July.

The most significant decision for Hamlin is the anticipated delay in the school's opening. While the original 12-month build-out process was attainable, the District extended the build-out of the project to 16 ½ months. Lengthening this process by 4 ½ months should allow for a much more competitive bidding process.

Financially Hamlin's budget is currently estimated to be 9% expended. These costs are primarily associated with the design fees, as well as the permit process and required fees associated. Once a contractor is selected and a work plan is finalized, the financial draw down on the budget will be more aggressive and defined.

Classroom Additions

With the exception of Maple Elementary School, all classroom additions have been in full operation for approximately 6 months. The total budget expended on Mt. Vernon, Riverbend, Ridgeview and Yolanda is approximately \$168,000 under the original budget. This portion of the Bond measure is complete.

Maple Elementary School: On May 11, 2015 the School Board awarded Baldwin Contracting Company the contract of additional building space. This bid provides for construction of a one-story addition, including 5-classrooms and related toilet rooms, to the existing Maple Elementary School. Unfortunately this project has experienced significant difficulties, including approximately 24 pages in "punch-list" items. The District has been in consultation from an attorney, working toward resolution. In May 2016 the School District removed the General Contractor from the job site and has ceased with payments (as specified in the contract). Currently the district is soliciting quotes for repairing the remaining work and looking for an opening in September 2016.

Capital Improvement Projects – Year 1

The following table represents the minor capital improvement projects that were completed during the 2015 summer (and fall) with General Obligation Bond proceeds.

SCHOOL/SITE	PROJECT DESCRIPTION	ORIGINAL BUDGET	ACTUAL BUDGET	DIFFERENCE +/-
Thurston High School	Bleacher installation and cover	\$500,000	\$692,928	(\$192,928)
Thurston High School	Gymnasium Siding Replacement	\$500,000	\$393,166	\$106,834
Page Elementary School	Parking Lot Replacement	\$400,000	\$1,116,254	(\$716,254)
Briggs Middle School	ADA Restroom Installation	\$100,000	\$95,734	\$4,266
Guy Lee Elementary School	Electrical Service Replacement	\$100,000	\$50,907	\$49,093
Guy Lee Elementary School	Hallway Lighting Replacement	\$50,000	\$24,368	\$25,632
Page Elementary School	ADA Restroom Upgrade	\$65,000	\$89,382	(\$24,382)
District Warehouse	Fire Suppression System	\$0	\$62,990	(\$62,990)
Thurston High School	Fencing and Concrete Installation	\$0	\$32,700	(\$32,700)
Walterville Elementary School	Parking Lot and Hard Play Surface Repair	\$20,000	\$160,835	(\$140,835)
Springfield High School	Library Carpet Replacement	\$50,000	\$35,171	\$14,829
Douglas Gardens Elementary School	Siding Replacement and Exterior Painting	\$50,000	\$84,716	(\$34,716)
Douglas Gardens Elementary School	ADA Door Installation	\$15,000	\$13,453	\$1,547
Yolanda Elementary School	ADA Door Installation	\$15,000	\$10,751	\$4,249
All Sites	Interior Door Lock Replacement	\$250,000	\$145,412	\$104,588
All Sites	Exterior Perimeter Gates	\$200,000	\$176,856	\$23,144
Thurston High School	Upgraded and repaired irrigation system;	\$36,667	\$571	\$36,096
Mohawk Elementary School	Installed irrigation to front lawn			
Springfield High	Slurry and seal all lots	\$450,000	\$292,491	\$157,509

School/Silke Field				
Guy Lee Elementary	Repair needed areas			
Riverbend Elementary School	Slurry Seal & Repair			
Two Rivers-Dos Rios Elementary School	Slurry Seal & Repair			
Ridgeview Elementary School	Storm water repair	\$30,000	\$8,149	\$21,851
Mt. Vernon Elementary School	Carpet Replacement (Spring Break 2016)	\$150,000	\$133,866	\$16,134
Riverbend Elementary School	Carpet Replacement (Spring Break 2016)	\$150,000	\$133,138	\$16,862
TOTAL		\$3,131,667	\$3,753,839	(\$622,172)

As stated in the above information, the actual expenditures exceeded the District's original budget by approximately \$622,000. While not uncommon in projects of this nature, the District must operate within budget parameters. Similar to how the District has managed bond projects, recommendations for operating within parameters will be presented to the School Board.

Capital Improvement Projects – Year 2

The following table represents the minor capital improvement projects that are scheduled for completion during the 2016 summer General Obligation Bond proceeds. This table represents approximately \$2.8 million in improvements that will be accomplished in our school community.

SCHOOL/SITE	PROJECT DESCRIPTION	ORIGINAL BUDGET	BUDGET TO DATE	DIFFERENCE +/-
Thurston High School	Boiler Replacement	\$800,000	\$790,524	\$9,477
Guy Lee Elementary School	Boiler Replacement	\$600,000	\$365,157	\$234,843
Thurston Middle School	Gymnasium Floor Replacement	\$175,000	\$141,799	\$33,201
Walterville, Agnes Stewart MS, Thurston MS	CPTED, Secure school entrance	\$125,000	\$81,595	\$43,405
Briggs Middle School	HVAC Digital Controls and Air Conditioning	\$500,000	\$662,406	(\$162,406)
Mt. Vernon Elementary School	Siding Replacement and Repair	\$150,000	?	
Centennial Elementary School	ADA Restroom Installation	\$65,000	\$67,562	(\$2,562)
Yolanda Elementary School	Replace Parking Lot and Bus Access	\$0	?	
Yolanda Elementary School	Interior Walls	\$135,000	\$67,598	\$67,402
Various Sites	Irrigation Upgrades	\$71,763	\$14,487	\$22,179

As you review the construction portion of this report, if you have questions or need further information please contact Brett Yancey. We welcome your feedback regarding information that would be valuable for future reports or additional detail that would be helpful.

Technology Bond Update

The report that you are receiving today is the quarterly report which includes a financial update.

It is important to note in the sections titled “Work Completed Since the Previous Report”, I only include work that is completely finished, not work that is currently underway. For example, under “Core Network Equipment”, we list Thurston High School as complete. There are network updates happening at Mt Vernon and Briggs that are not yet complete that are identified under “Next Steps / Work in Progress”. As a result, the amount spent is not always in alignment with what you might expect based upon the work completed. In several cases, we have ordered the equipment, encumbered the funds, and have not yet completed the work. For this report, work completed since last report includes March through June, 2016.

The technology portion of the bond is broken into 12 projects, each project with its own budget and timeline. Some of the projects were scheduled to start immediately while others were not scheduled to begin until the 2017-18 school year.

Core Network Equipment (Time Frame: 2015-2018)

Project Scope - This project provides for the upgrade of the core network infrastructure which includes the computing center (located at the EMC Building) as well as all of the district schools including A3. These upgrades (in most cases wholesale replacements) set the stage for increased use of computers in the schools with expanded Internet bandwidth, building-wide wireless connectivity, quality of service (support for unified communications), and power over Ethernet PoE).

Work Completed Since the Previous Report

Completed the core network equipment installation at Mt Vernon, Briggs, and Thurston Middle School.

Next Steps / Work in Progress

Network equipment upgrades at Riverbend, Ridgeview, and Walterville. We are estimating the 2016-17 Erate reimbursement to support the network upgrades at nearly \$300,000.

Total Core Network Equipment Work Completed to Date

Page, Guy Lee, Gateways, Thurston High School, Douglas Gardens, Yolanda, Mt Vernon, Briggs, and THS.

Project Budget – We continue to monitor the budget in this area and feel that we are on track to complete the work at or below initial project estimates.
Central Server Infrastructure & Storage (Time Frame: 2015-2018)

Project Scope – Provide up to date high capacity server and storage equipment to support computing within the district.

Work Completed Since the Previous Report

Procurement and installation of a new blade server.
Completed installation of the new SAN
Installation and migration to the new email servers.
Completed installation of high speed switching devices.
Completed installation of the new tape backup unit.

Next Steps / Work in Progress

Migration of systems to new blade server.
Installation of additional blades.
Procurement and installation of 2 additional replacement servers.

Total Core Central Server Equipment Work Completed to Date

Two new servers to support district email
Mass storage device for shared data storage
High speed switches to support access to mass storage device
Tape backup unit
Storage disk array for data backup
Replacement blade server

Project Budget – We continue to monitor the budget in this area and feel that we are on track to complete the work at or below initial project estimates.

Enterprise Wireless Network (Time Frame: 2015-2016)

Project Scope – This project provides for high speed wireless access in all learning spaces at all district schools, including A3). In the majority of our schools, this work will be completed at the same time that we are upgrading the core network equipment.

Work Completed Since the Previous Report

Completed wireless upgrades at Mt Vernon
Outstanding wireless access point installation at Thurston High

Next Steps / Work in Progress

Access point installations at Briggs, TMS, Riverbend, Ridgeview, and Walterville.

Total Enterprise Wireless Equipment Work Completed to Date

Page, Guy Lee, Gateways, Douglas Gardens, Yolanda, Mt Vernon, Thurston High

Project Budget – We continue to monitor the budget in this area and taking into consideration future Erate reimbursements we feel that we are on track to complete the work at or below initial project estimates.

Unified Communications (Time Frame: 2016-2020)

Work in this area not scheduled to begin until 2016-17

Project Scope – Work in this area will allow the district to deploy a common districtwide IP based communications system. This system will provide traditional telephone services as well as voicemail, voice to text, etc. The goal is to integrate the IP based telephone systems with other IP based systems within the district such as bell systems, intercom, video, and alarm systems.

Work Completed Since the Previous Report

Completed a request for quote for the new VoIP telephone system and sent to vendors. We are currently evaluating the responses and will be bringing a resolution to the June 27th Board Meeting.

Next Steps / Work in Progress

Determine the selected vendor and get Board approval.

Begin the installation of a central call manager system.

Determine interface points with new intercom system and addition required network switches.

Classroom Equipment (Time Frame: 2015 - 2020)

Project Scope – The scope of this work is to provide ceiling or wall mounted projectors, quality projection screens, and sound systems in every classroom in the district). In addition to the projection systems, the project will provide document cameras for those classrooms that do not have one.

Work Completed Since the Previous Report

Awarded contract to Reynolds Electric for wiring and installation services.

Next Steps / Work in Progress

New installations are scheduled to start the last week of June 2016.

All regular classroom installations are scheduled for completion September 1st which includes Douglas Gardens, Guy Lee, Centennial, Thurston High, and Yolanda.

Total Classroom Equipment Work Completed to Date

Ridgeview, Riverbend, Briggs, Mt Vernon, ASMS, Thurston Middle, Walterville, Two Rivers, Gateways, Springfield High, Page

Project Budget – We continue to monitor the budget in this area and feel that we are on track to complete the work at or below initial project estimates.

Library Computer Devices (Time Frame: 2015-2017)

Project Scope – This project is designed to provide up to date equipment for each of the school libraries. In preparation for this work, we have met with each of the schools to understand what technology they need based upon their vision of what the library will be at their school. From these meetings, we have developed a prioritized list of libraries.

Work Completed Since the Previous Report

No new work has been completed on this project.

Next Steps / Work in Progress

We continue to look at the student to staff ratios to determine library device placements at additional schools.

Total Library Computer Devices Deployed to Date

We have deployed 100 library devices.

Project Budget – We continue to monitor the budget in this area and feel that we are on track to complete the work at or below initial project estimates.

Computer Lab Devices (Time Frame: 2015 – 2018)

Project Scope – The goal for this project is to insure that the various technology labs across the district have computers that meet instructional program needs.

Work Completed Since the Previous Report

Ordered additional equipment for labs listed below.

Next Steps / Work in Progress

Springfield High School metals and auto shop
Two business labs at Thurston High

Total Lab Devices Deployed to Date

We have deployed a total of 212 computer lab devices.

Project Budget – We continue to monitor the budget in this area and feel that we are on track to complete the work at or below initial project estimates.

Testing Computer Devices (Time Frame: 2015-2018)

Project Scope – This project is designed to provide equipment that meets the needs for Oregon standardized testing.

Work Completed Since the Previous Report

We have added 3 Chromebook carts for SBAC testing.

Next Steps / Work in Progress

The testing year went without incident so we are waiting to see where additional carts will be needed for next year

Total Testing Devices Deployed to Date

We have deployed a total of 288 testing devices.

Project Budget – We continue to monitor the budget in this area and feel that we are on track to complete the work at or below initial project estimates.

Staff Computer Devices (Time Frame: 2015–2020)

Project Scope – This project was designed to provide a one-time refresh for computers used by school-based district staff.

Work Completed Since the Previous Report

No additional staff machines installed. The next push for these machines will be during the summer.

Next Steps / Work in Progress

During this summer we will be replacing 115 teacher computers and an additional 50 school office computers. We are currently replacing staff computers that from 6-7 years old.

Total Staff Devices Deployed to Date

We have replaced a total of 224 staff devices.

Project Budget – We continue to monitor the budget in this area and feel that we are on track to complete the work at or below initial project estimates.

Student Computer Devices (Time Frame: 2015-2020)

Project Scope – This project is designed to create a 2:1 student to computer ratio, of up-to-date computer devices in all schools in the district.

Work Completed Since the Previous Report

We have installed computer devices at Ridgeview, Springfield High, Riverbend, Two Rivers, and Walterville.

Next Steps / Work in Progress

As you may recall student computers are being deployed in response to proposals initiated by the schools. We are currently working to provide computers in response to a number of proposals. We are looking to install 983 computers over the summer.

Total Student Devices Deployed to Date

We have deployed a total of 1235 student devices.

Project Budget – We continue to monitor the budget in this area and feel that we are on track to complete the work at or below initial project estimates.

eReaders (Time Frame: 2017-2020)

Work in this area is not scheduled to begin until 2017-18

Project Scope: This project, while somewhat undefined, acknowledges the fact that eBooks and Internet based instructional materials are gaining popularity and will likely require funding in the near future. The purchases in this area will be devices capable of browsing the Internet and serving as electronic books or textbooks.

Work Completed Since the Previous Report

No work has been completed on this project.

Total eReaders Deployed to Date

No eReaders have been deployed

Professional Technical Technology (Time Frame: 2015-2016)

Project Scope – Provide equipment in support of the CTE programs at the comprehensive high schools that are representative of equipment used in the industry and vocational education programs.

Work Completed Since the Previous Report

Completed retro-fit of horizontal milling machine at THS.

Next Steps / Work in Progress

Work with schools to determine how to spend the remaining balance of around \$17,000.

Total Professional Technical Devices Deployed to Date

THS - Wide belt sander, laser cutter, three CNC router tables, three metal lathes, Iron Worker metal sheer, and Mojo 3-D printer.

SHS – Wide belt sander, two brake lathes, eight kilns, and six metal lathes.

Current Total Tech Spending & Remaining Budget Available											
Project	Project Name	Project Budget	Budgeted Revenue Rec'd	Total Project Budget	Expenditures Yr 1 - Jan-Dec 2015	Expenditures through 5-23-16	Encumbrances through 5-23-16	Technology Inventory	Total Spend	Budget Balance Remaining	
510	Core Network Equipment	\$1,572,216	\$233,477	\$1,805,693	\$484,148	\$485,898	\$310,657	\$0	\$1,280,704	\$524,989	
515	Central Server Upgrades	\$653,068		\$653,068	\$138,067	\$39,632	\$67,986	\$0	\$245,685	\$407,383	
520	Enterprise Wireless Network	\$205,627	\$103,936	\$309,563	\$72,165	\$168,149	\$77,575	\$35,781	\$353,670	(\$44,107)	
525	Unified Communications	\$923,200		\$923,200	\$0	\$0	\$0	\$0	\$0	\$923,200	
530	Classroom Equipment	\$2,523,484	\$5,000	\$2,528,484	\$1,035,902	\$213,106	\$69,897	\$352,746	\$1,671,650	\$856,834	
535	Library Computer/Devices	\$227,513		\$227,513	\$23,762	\$0	\$0	\$0	\$23,762	\$203,751	
540	Computer Lab Devices	\$633,600		\$633,600	\$148,493	\$0	\$0	\$0	\$148,493	\$485,107	
545	Testing Lab Computer Devices	\$257,742		\$257,742	\$47,743	\$43,339	\$0	\$0	\$91,082	\$166,660	
550	Staff Computer Devices	\$1,352,760		\$1,352,760	\$222,930	\$97,724	\$0	\$76,910	\$397,564	\$955,196	
555	Student Computer Devices	\$4,125,790		\$4,125,790	\$326,763	\$249,843	\$188,649	\$198,227	\$963,482	\$3,162,308	
560	eReaders	\$825,000		\$825,000	\$0	\$0	\$0	\$0	\$0	\$825,000	
565	Professional/Technical	\$300,000		\$300,000	\$109,629	\$171,712	\$1,299	\$0	\$282,640	\$17,360	
		\$13,600,000	\$342,413	\$13,942,413	\$2,609,603	\$1,469,402	\$716,062	\$663,664	\$5,458,732	\$8,483,681	
971-000	Wages / benefits - Technology	\$0		\$0	\$118,971	\$207,710	\$19,962		\$346,643	(\$346,643)	

We welcome your feedback regarding information that would be valuable for future reports or additional detail that would be helpful.