



# Fremont Unified School District Bond Measure E Projects Update

Investing in our students, schools and community



## New beginnings at Irvington High School physics students tour new building two weeks before summer break

On May 27, less than two weeks before the last day of school, a wave of excitement flowed through the halls of the new classroom building as approximately 50 physics students and Girls-in-STEM members, accompanied by teachers Henry Fung and Allyson McAuley, toured what most certainly is being viewed by students as Irvington’s “architectural” crown jewel.

Last December, the students visited the construction site in order to receive an on-site physics lesson on the crane lift used to raise the walls of the building, and to talk with professionals in the field about the types of careers in which science and mathematics knowledge would be invaluable.



Irvington High School Physics students and Girls-in-STEM Club members tour the new classroom building prior to graduation or summer break.

*“How many of the seniors here are sorry they can’t stay next year and take classes in this new building?”*

Fast forward five months and only the finishing touches remain before the building will be ready for occupancy in the fall. While all the students have been viewing the progress from beyond the safety of the construction fence or through the live cam installed on site, it is still a thrilling surprise to see this

beautiful building up close and personal.

Fung arranged for this visit as one third of the students on the tour are seniors and will be embarking on the next phase of their academic journey and might not be able to attend the September 1, 2016, Ribbon Cutting.

Following a presentation in a second floor science lab, McAuley, who is co-advisor with Fung of the Girls-in-STEM Club, jokingly

asked, “How many of the seniors here are sorry they can’t stay next year, and take classes in this new building?”

Amid laughter, at least a dozen seniors raised their hands.

While Irvington High’s true crown jewels are the students, the polish and gleam of the new \$11.8 million building funded through Measure “E” cannot be denied.

Students, teachers and custodial crew were wowed by the new building. Built

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### (a few) Measure “E” Milestones



**Vote YES**  
June 3!  
Measure E passes: 61.18% “yes” vote!  
June 2014

**SEVENTY MILES!**  
High Priority Technology Infrastructure Cabling Projects for Ardenwood, Brookvale, Vallejo Mill Elementary Schools and Kennedy High School are completed - **2 weeks ahead of schedule!**  
April 2015



New Classrooms Building Ribbon Cutting  
Azevada Elementary School  
September 29, 2015



New Classrooms & Science Labs Buildings  
Ribbon Cutting - Mattos Elementary School  
September 30, 2015

## students tour new building

—continued from page 1

with green materials, it is comprised of eight general classrooms and four science laboratory classrooms. The second floor is the most dramatic, with classrooms featuring large view windows to provide the best natural lighting. Each classroom is equipped with superior acoustics and insulated walls to reduce sound intrusion and reverberation, and mechanical systems that filter and circulate the air in order to provide the optimal healthy learning environment. The two-story building is built with the Project Frog system utilizing building components that are built off site, then delivered and assembled on site.

“We wanted to provide a superior alternative to portables that could respond quickly to a district’s needs,” said Nikki Lowy, Project Frog. “The components create attractive and healthy learning environments that can replace, expand or build new without compromising quality. The buildings are energy efficient, planet friendly, bright, airy and comfortable.”

Construction Managers Nick McGrew and Thomas Valdez, CCM/STV Construction Management, provided an overview of the building’s construction utilizing a time-lapse video of the project, and Project Frog’s Nikki Lowy and Marijke Smit highlighted the building features.

“Keep in mind that as you think about careers,” said Valdez, “that this

project alone has at least five different engineers working on it.”

Students asked very good questions about the design and construction phases, green building features, building methods, costs, and future projects.



Above: As they exit the science lab, students’ smiles are as bright as the natural light filling the classroom. Left: Editor-in-Chief of the school paper and Girls-in-STEM Club member Shayna Kapadia interviews Marijke Smit and Nikki Lowy.



“Will other buildings like this be constructed throughout the district,” asked Leonard Johns, a senior in McCauley’s advisory period.

“Yes,” said McGrew. “After we finish here,” Thomas [Valdez] and I will be moving to Patterson Elementary School where another Project Frog building will be constructed.”

In addition to Patterson, Brookvale Elementary and American High School will also break ground on new two-story buildings using the Project Frog system this fall. Azevada and Mattos Elementary schools celebrated ribbon cuttings on one-story buildings last September.

Superintendent Jim Morris was able to catch the tail end of the tour and speak with students as they returned to their next period.

“I am very happy that the students who have had an opportunity to incorporate this construction project into their classroom learning were able to see the building nearly complete—especially the seniors.”

He added, “It is especially gratifying to see the pleasure the graduating seniors derive in knowing students following them will enjoy this new learning environment.”

*Note: At Warm Springs Elementary, the two-story building currently under construction is by JLM Modulars, and will also be ready for the first day of school this fall.*

## (a few) Measure “E” Milestones



Series B Projects Approved!

November 2015



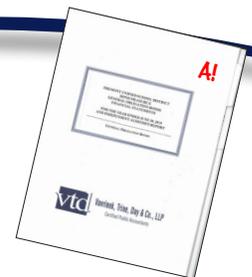
Irvington High School Physics Class Held at Construction Site

December 2015



CBOC Vice Chair Bryan Gephardt Presents 1st Annual Report to the Board of Education

December 2015



First Measure E Financial & Performance Audits Performed

January 2016

## Meeting the increased demands of 21st Century Learning twenty campuses begin IT projects this summer

As the 2015-16 academic year winds down, the Fremont Unified School District Measure “E” Bond Team is gearing up for a busy summer with many modernization and new construction projects compressed into a tiny window of opportunity. The goal is to minimize the impacts on teaching and learning. Twelve schools are scheduled to receive new flooring this summer, and flooring work at other sites will take place over winter break, or the following summer.

Technology Infrastructure (IT) upgrades are scheduled to begin this summer or early fall at twenty sites: Blacow, Cabrillo, Chadbourne, Durham, Forest Park, Green, Grimmer, Hirsch, Irvington High, Maloney, Millard, Mission San Jose High, Niles, Oliveira, Parkmont, Patterson, Robertson High, Warwick, Washington High, and Weibel.

“Technology is a priority district-wide, with projects for every school included in the FUSD Long Range Facility Plan (LRFP),” said Facilities Director Therese Gain. “One of the primary focuses of the Measure “E” Bond is the updating of technology and aging classrooms, math, science, and computer labs for 21st Century learning.”

Kennedy High School and Ardenwood, Brookvale, and Vallejo Mill, were deemed High Priority in the Series A Implementation Plan,

and have already received technology upgrades—just in time for the new online Common Core State Standards assessments required by the state in Spring 2015.

“It was critical that FUSD have the infrastructure needed in place at all schools in order for students to take the new tests,” said FUSD Chief Technology Officer Joseph Siam. “While all schools need upgrades to meet the increased demands of today’s way of delivering instruction, the four high priority project sites lacked the capacity to even administer the online assessments.”

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*“Some of the Measure “E” work will be visible to the eye, such as the beautiful new classroom buildings or flooring. However, the unseen work—like the technology cabling—is just as critical and will provide our teachers and students the 21st Century tools needed to learn and thrive.”*

—Dr. James Morris,  
FUSD Superintendent

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The remaining Measure “E” IT Upgrades are being phased in, and will be the first step in preparing for the district’s implementation of an upgrade to its Fiber Optic Wide Area Network (WAN) bandwidth.



*Photo taken at Chadbourne Elementary illustrates the need for technology infrastructure upgrades throughout the district*

During Summer 2016, the Measure “E” IT Upgrades planned for the twenty campuses will include installing new data cabling backbone and infrastructure for desktop Internet and video; and standardizing data drops and/or wireless networking and access points to cover the entire school campus

Aaron Kael, Measure “E” Bond Deputy Project Director, said the work will be broken down into three phases and that it is important to understand that the new network will not be live for the first day of school. Under Phase I, most of the cabling will be complete, however, the active components will not be installed until Phase II, which will occur during the fall and or winter of 2016. Once these are in, the new campus-wide network

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### (a few) Measure “E” Milestones



Horner and Walters Site Construction Committees begin design input phase for middle school conversions

January 2016



Warm Springs Elementary Groundbreaking for New 12-Classroom Building

January 2016



The Middle School Instructional Task Force Holds Community Open Forum

April 2016

## technology infrastructure

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will be installed and the old system will be removed. It is anticipated that there will most likely be a moderate increase in speed.

“However,” Kael stressed, “The maximum speed will not be realized until after the Phase III completion.”

Phase III will occur during mid to late 2017, when the district will complete their Wide Area Network. Once this is complete, users will see a more pronounced increase in speed.

“We are also taking a phased approach to bidding the work,” said Kael. “We are bundling the schools into bid packages and strategically releasing them in order to secure the best value for the district. Although this means that some projects will not begin until the fall, the work will shift

to nights and weekends in order to not disrupt the classroom.”

Other work taking place this summer include the finishing touches on the new classroom buildings at Irvington High and Warm Springs Elementary and site work anticipated to begin at Brookvale, Patterson, and American High in anticipation of the construction of new classroom buildings to meet the increased enrollment growth.

“Some of the Measure “E” work will be visible to the eye,” said Dr. James Morris, FUSD Superintendent, “such as the beautiful new classroom buildings or flooring. However, the unseen work—like the technology cabling—is just as critical and will provide our teachers and students the 21st Century tools needed to learn and thrive.”

## Measure “E” Citizens’ Bond Oversight Committee represents taxpayers; safeguards community investment

Under Proposition 39, approved by California voters on November 7, 2000, school districts and community college districts are permitted to issue general obligation bonds with the approval of 55% of the voters. However, to safeguard taxpayer investment, each district that passes a successful Proposition 39 bond is required to create a Citizens Bond Oversight Committee (CBOC). Fremont Unified School District is lucky to have an outstanding group of individuals providing fiscal oversight.

“Each one of them goes above and beyond, and is committed to fulfilling their role with the utmost due diligence,” said Dr. James Morris, FUSD Superintendent.

To learn more about the Citizens’ Bond Oversight Committee and its members, please see the Measure “E” page on the district website, where you can find member bios and photos. If you would like a CBOC Member to speak at a club or event, you may contact the CBOC recording secretary at 510-979-7710 or by email at [cboc.measure.e@fremont.k12.ca.us](mailto:cboc.measure.e@fremont.k12.ca.us)

### Citizens’ Bond Oversight Committee

*Anu Natarajan, Chair, Parent Representative*

*Bryan Gebhardt, Vice Chair, Parent Representative/PTA*

*Sally Morgan, Secretary, Senior Organization Representative*

*Danna Bergstrom, Publicity Chair,*

*Business Organization Representative*

*Sheng-Ming Shan, Parliamentarian, Other*

*Dave Peper, Member, Taxpayers’*

*Organization Representative*

*Dax Choksi, Member, Other*

*Maria (Soraya) Torres, Alternate, Parent*

*Representative*

*Jeff Bowen, Alternate, Parent*

*Representative/PTA Member*

*Kathryn McDonald, Alternate, Business*

*Organization Representative*

*Ashok Desai, Alternate, Senior*

*Organization Representative*

*Eric Tsai, Alternate, Taxpayers’*

*Organization Representative*

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Therese Gain, Facilities Director

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Vanir Construction Management

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### CONGRATULATIONS

to Fremont Unified School District’s  
2016 Teacher of the Year

**KAREN RAUDSEPI!**

To see photographs, learn more about Ms. Raudsep and the other excellent finalists, please visit the district website at:

[www.fremont.k12.ca.us](http://www.fremont.k12.ca.us)



Fremont Unified School District

**SAVE THE DATES!**

**Measure “E”**

*Ribbon Cuttings*

**Irvington High School**

Thursday, September 1, 2016, 3:30 p.m.

41800 Blacow Road

**Warm Springs Elementary School**

Wednesday, September 7, 2016, 2:00 p.m.

47370 Warm Springs Blvd

Approved by Fremont Voters in 2014, Measure “E” is a \$650 million school facilities bond that is addressing critical needs in all schools throughout the district.

**Thank you, Fremont Voters!**



**& CONGRATULATIONS to the FUSD Class of 2016 Graduates!**