



EAST ISLIP

UNION FREE SCHOOL DISTRICT

FALL/WINTER 2018

SEPT. 2017-MAY 2018
Research and Bond Vote

A long-range planning committee, comprised of members of the Board of Education, the district's architect, district administrators and community residents, develops a list of suggested districtwide capital projects and projected cost. The proposed scope of projects is then presented to the Board for their consideration and the Board accepts the committee's recommendations. The community approved the proposed bond on May 15, 2018.

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JUNE 2018-APR. 2019
New York State Education
Department and Bidding

The district must submit a Letter of Intent to complete capital work to NYSED and then proceed with testing to ensure environmental conditions. Once the district has completed all the necessary procedures, a final scope of work is sent to NYSED for review and approval. At this time, approval can take approximately 6-9 months. After receiving approval, the district must advertise the available work and review bids from companies vying for the project. The Board will accept the proposal from the lowest responsible bidder.

2

OCTOBER 2018
Phase I Projects Begin

Phase I of the bond work begins with the renovation of the synthetic turf field and track, as well as the replacement of the bleachers. It is expected that the rest of the Phase I projects will begin in May 2019. In the coming weeks, the district will begin to put together a debriefing committee that will oversee all construction projects and meet with construction managers and architects to ensure the projects are completed on the proposed schedule.

3

2020
Phase II Projects Begin

Phase 2 of the bond is anticipated to begin in 2020 and we expect the projects to be completed in 2021. Please see the full construction schedule on page 6. Although this is our proposed schedule, it is subject to change based on many factors outside of the district's control.

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A Message from the Superintendent

The main mission of East Islip is to prepare our students to be productive and healthy members of society. Given the rapidly changing nature of our society and technology, we must keep our focus on the areas that remain constant.

We are excited to begin the work on our Capital Improvement Bond, which addresses much-needed facility enhancements. I would also like to thank our community for their support in passing the bond referendum to improve the district's infrastructure and facilities.

Through prudent budgeting, we have outfitted every classroom with Smart Boards and added to an array of technological supports, including Chromebooks and various teaching tools that aim to enhance students' learning experiences. We are also looking to update many of our classrooms to modern learning centers that promote a more synergistic learning style.

Schools used to be a place where children came to get information. Today, students have cellphones and computers that can give them just about any answer. As we look to reshape our classrooms, our focus will be on creating a space where children come together to find solutions to the challenges their generation will face and learn to collaborate. The modern school is no longer a fountain of information, but rather the place where children come to find the truth through synergistic learning.

We are very proud that we have been able to keep the district at the lowest tax levy increase in the county for the last four years while continuing to improve our facilities and learning opportunities for our children.

These are exciting times in East Islip. I look forward to serving you as we shape the next great generation of EI learners.

Sincerely,
John V. Dolan
Superintendent of Schools

DISTRICT IN SOLID FINANCIAL STANDING

The district recently borrowed a \$7.7 million Bond Anticipation Note, which is being used to finance the first phase of the Bond Project. To determine a credit rating for this obligation, Moody's Investors Service reviewed the financials of the district, as well as responses to certain questions. We are pleased to report the district received a rating of MIG 1, which is the highest rating available for short-term debt and denotes superior credit quality.

ENERGY PERFORMANCE CONTRACT UPDATE

The district's energy performance contract with Honeywell uses cost savings from reduced energy consumption to repay the cost of installing energy conservation measures, such as lighting, thermostats and solar panels. The \$13.3 million cost of the energy improvements to the district will be paid back out of the energy savings. The projection for the EPC's savings is expected to exceed the initial cost by \$8 million over the life of the project, which is 16 years. After the Board of Education approved the contract with Honeywell, district voters approved increasing New York State aid reimbursement by 10 percent, so the projected long-range savings will be over \$9 million. The EPC is considered a capital improvement but is offset by operational savings.

In a lighting and lighting controls upgrade, Honeywell installed more than 21,200 new lamps, 389 new occupancy sensors and 21 new vending machine power saver controls. The company also upgraded burner controls for six boilers across three buildings – the ECC and district office, RCK, and Timber Point. These new electronics control and map fuel/air ratio during burner startup with LCD, and save energy during startup through optimization of the fuel/air ratio.

Honeywell installed 14 new destratification fans in the high school's auxiliary gym, the middle school's main and auxiliary gyms, and at Connetquot, JFK and RCK. A new air handling unit was also installed in the high school auxiliary gym, and freezer condenser controllers at the high school, middle school, Connetquot, JFK, RCK, Timber Point, and the ECC and district office.

A building management system upgrade included replacement of existing pneumatic controls with DDC controls, replacement of all pneumatically controlled steam and hot water valves, the integration of existing DDC controls into the new system, and the installation of plug load controllers on certain electronics and appliances to optimize the amount of hours this equipment will run year-round.

Building envelope improvements were made to buildings districtwide, including installation of foam roof/wall joint insulation with fire-resistant coating, caulking window perimeter framing and tinted window film to relieve spaces of passive solar heating.

Honeywell installed 3,752 linear feet of pipe insulation on uninsulated pipes and boilers, and 213 custom insulative jackets on valves and pumps. The company also replaced approximately 60 F&T and bucket steam traps and rebuilt approximately 200 thermostatic steam traps.

Lastly, Honeywell replaced approximately 50,000 square feet of roof at Connetquot.

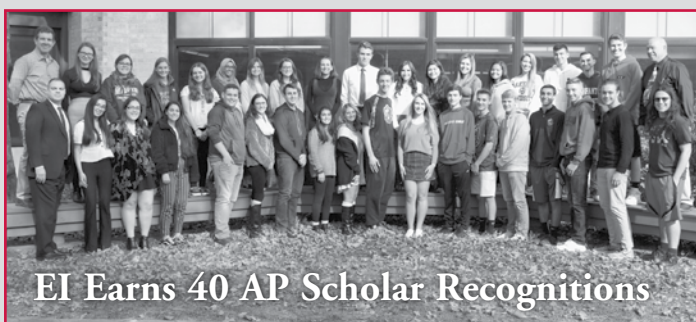
AP Capstone Proves **Challenging** and **Innovative**

“This class focuses more on skills rather than content. Every student leaves the class with enhanced abilities to present, research and create thought-provoking and profound arguments. This is a great stepping stone for college.”

-AP Seminar teacher Cliff Ruggerio

After a lengthy application process, East Islip High School was accepted as an AP Capstone school in fall 2015. Implementation of the challenging program began in fall 2016, with East Islip one of fewer than 700 schools in the United States offering the program during that year.

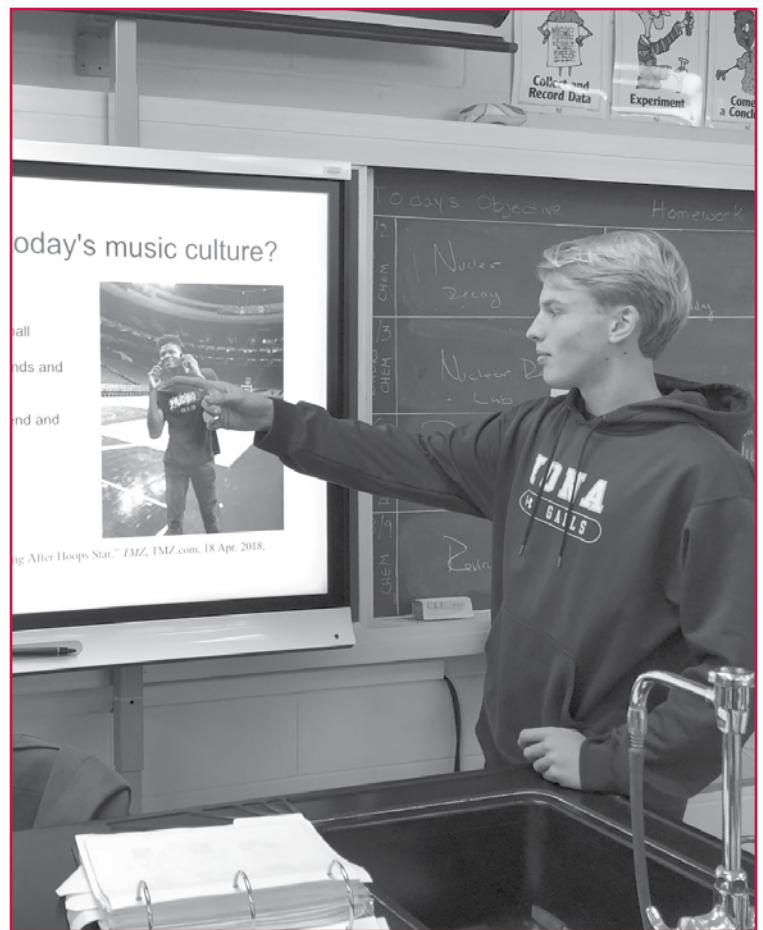
AP Capstone is an innovative diploma program that provides students with an opportunity to engage in rigorous scholarly practice of the core academic skills necessary for successful college completion. It is built on the foundation of two courses — AP Seminar and AP Research — and is designed to complement and enhance the in-depth, discipline-specific study provided through AP courses. It cultivates curious, independent and collaborative scholars and



EI Earns 40 AP Scholar Recognitions

At East Islip High School, an outstanding total of 40 current students were named AP Scholars for 2018 by the College Board. The Advanced Placement Program recognizes several different award levels for college-level student academic achievement on AP courses and exams.

Twelve students were named 2018 AP Scholars with Distinction, nine were named 2018 AP Scholars with Honor and nineteen were named 2018 AP Scholars.



prepares them to make logical, evidence-based decisions. AP Capstone provides unique research opportunities that focus on collaborative teamwork and communication skills that are increasingly valued by colleges.

Last year, EI students scored well in AP Research, with every student receiving at least a 3 or higher. Some of the research questions explored were the use of cats as therapy animals, the effectiveness of red-light cameras, and actions taken to curb vaping in high schools. Research topic possibilities for this year include sports injuries, technology addiction, and the “Star Wars” film series and religion.

Meanwhile, AP Seminar students last year researched topics including the NSA’s access to cellphones, cellphones and cognitive development, internet monitoring, fast food and obesity, illegal immigration, America’s nuclear arsenal, genetically modified foods, and vaccines and autism, with the majority of the students passing the course with either a 3 or higher. This year in AP Seminar, they are debating issues of college athletics, violent video games, the drug epidemic in America, false advertising and fake news.

“This class focuses more on skills rather than content,” said AP Seminar teacher Cliff Ruggerio. “Every student leaves the class with enhanced abilities to present, research and create thought-provoking and profound arguments. This is a great stepping stone for college. Any student taking AP Seminar will have an immediate advantage over any student not enrolled in the Capstone Seminar and Research program. I highly recommend it for any college-bound student.”

SMART BOARDS CONTINUE TO BRING EXCITING TECH TO EI CLASSROOMS

Since the beginning of the 2017-2018 school year, the installation of Smart Boards in every classroom has brought excitement to student learning. The new technology was quickly embraced by teachers, who have since utilized the boards in classroom instruction and lessons for everything from mathematics and science to literacy to music.

“Our students are engaged with writing, math and art lessons through the use of the interactive Smart Boards,” said John F. Kennedy Elementary School Principal Deborah Smith. “Easy access to videos to highlight content area has increased students’ interest and participation. It is wonderful how much the teachers have been exploring the various applications the boards have to offer.”

In elementary band classes last year, East Islip student-musicians took advantage of a new program on the Smart Board called Smart Music. Lesson books are uploaded to the program, which follows along with a cursor while playing background accompaniment.



This program also has an assessment component.

This year, fourth-grade students actively competed in their learning teams that were generated through the web-based games found on Quizlet Live. In preparation for a test on the

animal kingdom, students collaborated, using their individual Chromebooks to define vocabulary words related to their science unit and to answer multiple questions. Working together to win, the groups discussed the choices they were each given and chose the best answer that the team members received. As they answered questions correctly, they monitored their progress as each team’s score was projected on the Smart Board, demonstrating the students’ employment of 21st-century skills.

Meanwhile, fifth-graders were highly engaged as they created StoryBoards in the computer lab. Using the online digital tool StoryBoardThat.com, the students were able to create “stories” about the ancient Aztec and Mayan civilizations they were studying in social studies. Using scenes, images, graphics, colors and predesigned layouts, these future animators and video designers were able to depict their own unique stories in comic-strip style.



Bond UPDATE

The first phase of the bond referendum work is focused on several crucial projects, including secured entrance vestibule and exterior door upgrades at all schools, as well as roofing replacements and field upgrades at the high school and middle school.

The main goal of the vestibule and door projects is to secure the perimeter and create safer entrance vestibules including “mantraps.” Exterior doors will be replaced with new hardware, vestibules and lobbies will be reconfigured, and new security devices will be added. Designs for this project have been completed and await final comments and permit from the New York State Education Department. We anticipate the permits to be approved before the end of the year, with bids released in January.

The roofing replacements at the secondary schools were paired with the upgrades to the athletic fields to maximize state aid. The existing roofing system at the high school will be replaced down to the existing structural deck with a new insulated rubber roofing system with a minimum 20-year warranty. All roof drains will be replaced and storm piping cleaned. The auditorium’s metal mansard roofing system will be repaired and recoated with a 10-year-warrantied finish. The middle school roofing replacement will follow the same system.

The existing athletic field next to the middle school will be removed and replaced with a new synthetic turf system lined for multiple sports. The existing track will be replaced with a new rubberized track surface on asphalt substrate. Provisions will be made for new track and field events, including long jump, triple jump, high jump, shot put and discus throw. The synthetic turf system will boast a new subsurface drainage system, and new concrete paving and fencing will ring the perimeter of the track. The bleachers and press box will be removed and replaced. A new comfort station, playground and middle school fitness area will be provided between the new athletic field and the Early Childhood Center, while the parking lot will be extended to provide better site access to all events. A new scoreboard and track lighting will be installed, and paving will be replaced between the varsity baseball field and the new parking lot.

The New York State Education Department issued a permit for these roofing and field projects at the high school,



and the field and track portion of the permit has been awarded and construction initiated. The roofing replacement at the high school was recently bid and is under review by the district and its consultants. Middle school roofing and field upgrades were submitted and are awaiting comments. We anticipate the permits to be approved before the end of the year, with bids released in January.

Design of the second phase of the bond referendum work is underway and will feature projects such as districtwide security upgrades, interior classroom door and hardware replacement, renovation of the high school music suite, high school and middle school locker room upgrades, districtwide student toilet renovations, and upgrades to the high school athletic field, including two synthetic turf multipurpose fields (one with lighting).

East Islip Union Free School District

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PROPOSED CONSTRUCTION SCHEDULE

Phase 1 Construction - October 2018 - April 2019

Middle School New synthetic turf field and track, replace grandstand bleachers.

Phase 1 Construction - May 2019 - October 2019

Districtwide Provide secured main entrance vestibules and replace selected exterior doors, provide security system devices at doors and vestibules.

Middle School Playground, fitness trail, fencing, parking lot expansion, track lighting, scoreboard, comfort station and press box.

Phase 1 Construction - Summer 2019

High School Roofing replacement, provide metal roofing coating, replace exterior ductwork insulation.

Middle School Roofing replacement, replace exterior ductwork insulation.

Phase 2 Construction - Summer 2020

Districtwide Security system upgrades, cameras and hardware.

RCK, JFK, CES & TPE Roofing replacement including standing seam roofing and exterior ductwork insulation; masonry pointing, crack repairs, paint and caulk lintels; various classroom exterior window repairs.

HS & MS Masonry pointing, crack repairs, paint and caulk lintels; various classroom exterior window repairs; boys' and girls' locker room renovation (finishes, lockers, toilets, showers); music suite renovations (flooring, ceiling, risers, etc.); HS library and MS STEM lab – collaborative learning spaces; gymnasium bleacher upgrades (ADA accessibility); classroom and office flooring replacement (VAT, VCT & CPT); various power and lighting panel replacement.

CES & TPE Various power and lighting panel replacements.

High School Synthetic turf multipurpose field w/bleachers and field lighting; Synthetic turf baseball field renovations w/bleachers and dugouts; tennis courts and fencing replacement; replace maintenance facility; front and rear lobby renovations (finishes, video displays & furnishings); auditorium lighting, sound system, minor finishes and ADA stage lift, auxiliary gym renovations (flooring, padding & ceiling), air handler upgrades, A/C renovations.

Phase 2 Construction - 2020 - 2021

Districtwide (not including District Offices/ECC) Partial classroom door and hardware replacement; toilet renovations (three boys and three girls' gang, four faculty toilets); exhaust fan replacement; asbestos pipe wrap and fitting abatement allowance; fire alarm system upgrades.

Phase 2 Construction - Summer 2021

Districtwide (not including District Offices/ECC) Asphalt pavement replacement, sealcoat, striping and repairs; storm water drainage structures, piping and asphalt repairs; exterior plantings.

HS, MS & CES Concrete sidewalk repairs.

RCK, JFK & CES Playground structures and surfacing.

District Offices/ECC Roofing replacement.

RCK, JFK, CES & TPE STEM labs/collaborative learning spaces; classroom and office flooring replacement (VAT, VCT and CPT); air handler upgrades.

MS, RCK & JFK Various power and lighting panel replacements.

HS, RCK & JFK Kitchen renovation (flooring, ceilings, lighting and finishes).

HS & CES Cafeteria renovation (ceilings, lighting and finishes).

JFK Replace maintenance garage.

Please note: Construction schedule subject to change based on many factors out of the districts control.



EAST ISLIP
UNION FREE SCHOOL DISTRICT

FALL/WINTER 2018

Visit our website at www.eischools.org

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