



FSPMA

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INSIDER

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Rebuilding Crystal River High School: Upgrading for the 21st Century



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FSPMA President's Message



I would like to take this opportunity to express the board's thanks to all of you who support and work to make the Florida School Plant Management Association (FSPMA) the quality organization it is now and has been for the past 55 years.

For those of you who may not know us, we work with the "support departments" of the school districts and colleges in the state of Florida. We offer training programs, updates and networking opportunities to our members. Our instructors and information carriers are from Districts across the state of Florida, State organizations such as the Florida Department of Education and the Florida Department of Health, and vendors from across the nation. These highly trained and knowledgeable individuals will help those at your sites to better prepare and complete the tasks set before them.

Our annual conference will be here before you know it. We will once again be at the Caribe Royale Hotel in Orlando, Florida from September 21st to 25th, 2015. We have a wonderful variety of educational workshops, updates and training in store for our attendees and an exciting array of vendors to visit and network with in our exhibit hall. This training is offered at no cost to our members. Come to experience in depth training that our certified training experts extend to you. Review this year's schedule, which is posted on our website and printed in the center of this magazine.

Since school districts are already preparing budgets for the upcoming fiscal school year, this is the time to plan your attendance at the conference. Please share this information and the *FSPMA Insider* magazine with others in your organization who you feel would benefit from the training, workshops, networking, and exchange of ideas that will occur at the annual conference this year.

Get the latest updates and information from The Department of Education and Department of Health personnel. Meet and listen to one of our Florida State senators, Wilton Simpson, keynote speaker for our General Session.

In addition, we have district workshops throughout the year around the State that are offered to school districts and college employees at no expense. These workshops focus on hot topics or trainings required for certifications and or CEUs.

A special "thank you" to all our vendors who support us each year. We truly depend on you and appreciate you more than you realize.

I look forward to seeing you at the Florida School Plant Management Association's 55th Annual Conference at the Caribe Royale Hotel in Orlando, Florida September 21st - 25th, 2015.

*Thank you,
John Colasanti, FSPMA President ❖*

Rebuilding Crystal River High School



Crystal River High School is located in Citrus County, which borders the Gulf of Mexico about 70 miles north of Tampa, seventy miles west of Orlando, and 70 miles south of Gainesville. Citrus County School Board has 21 schools and roughly 2.8 million square feet of school and support space.

Crystal River High School

In 2008, the project architect was hired and design began. Only the existing administration, gymnasium, athletic locker rooms, cafeteria, band, and child-care areas remained and were to be renovated or remodeled. The rest of the campus was to be rebuilt to create state-of-the-art teaching spaces, form a new outdoor gathering space, and reorient the main entrance to the school from the west to the north.

This project was a complex rebuilding of an occupied high school that intermingled remodeling, renovation, and new construction in multiple phases. The campus was under construction for more than three years.

Essential Elements of the Educational Program and Design Concept

Crystal River High School's design concept was to create a collegiate campus environment intertwined among lush old Florida charm trees, rolling elevation, and existing buildings. The facilities included new classroom buildings, administrations, science, media, and a remodeling of the cafeteria and gymnasium. The original school – laced with

meandering buildings, lush, overgrown tree canopies, and various places of interest – set the tone to establish a carefully planned curvature of pedestrian walkways connecting circular courtyards and crescent buildings. This distinctive style of architectural planning is beset with brick facades establishing the old 1940s impression of Florida materials.

Innovative Response to the Educational Program

This school is the high school of Crystal River and thereby provides for myriad vocational programs, educational





programs, and sports and entertainment to suit the small town. The school, originally built in 1966, accommodates a student population of 1,450. The design addressed issues not considered in school design in the 1960s, such as enhanced campus security, natural lighting in classrooms, instructional technology, library media centers, accessible restrooms for special needs students, and clear, simple circulation paths throughout the campus. The resulting build-out provides a like-new learning community for Crystal River.

Site Development and Relationship of Spaces

The site was developed with an internal focus of varying courtyards allowing the students to interact in a safe and secure environment, much like the resultant feel of a college campus. The intention was to set the footprint for the high school students' interaction in higher education. Therefore, the building facades are set at a subdued scale in relationship to congregational areas. The result is interactive spaces to create outdoor experiences and enhance natural day lighting and ventilation.

Aesthetics and Use of Materials

The challenge of the initial master planning effort was to integrate the buildings that were required to remain into a unified campus design. To affirm the old Florida brick motif, the design of the buildings utilized a combination of concrete structures with brick accent banding and full-wall brick veneer elevations. The aesthetics were enhanced with aluminum canopies, door frames, and window frames to outline cool, clean integrated components.

Green Design

This school is designed and constructed to meet the Florida Green Building Coalition certified facility requirements. The incorporation of sustainable features and the use of CPTED (Crime Prevention through Environmental Design) principles make this an environmentally friendly and secure school.

The Crystal River High School project recently won an award of merit in the high school category at the Florida Educational Facilities Planner's (FEFPA) Architectural





Showcase based on the following characteristics:

- Innovative response to educational program
- Aesthetics and use of materials
- Flexibility for community use
- Technology provisions
- Green design
- Relationship of spaces and expandability
- Site development

Flexibility for Community Use

During the renovation process, it was determined that relocating an existing baseball field and redirecting student vehicular traffic would better allow for student circulation in a central courtyard. This design solution led way to a brand new baseball field with accompanying concession stand.

Consultants

Facilities Assessment:
MGT of America, Inc.

Master Planning, Architecture and Engineering:
BRPH Architects-Engineers, Inc.

Civil Engineering:
Burrell Engineering, Inc.

Surveying: GPI Southeast, Inc. and
E.L. Robinson Engineering of Florida, Inc.

Landscape Architecture: Nancy Prine, Landscape Architect

Food Service: Galvin Design Group, Inc.

Geotechnical Exploration and Materials Testing:
Central Testing Lab, Inc.

Environmental: Michael G. Czerwinski, P.A.,
GLE Associates, Inc.,
Schedra Ecological Associates, Inc.,
and S.E. McDonough and Associates, Inc.

Construction Management at Risk:
ACA Construction Group, LLC. ❖

