

**A. CHALLENGES OF A REPLACEMENT ELEMENTARY SCHOOL (CROCKETT A/B)**

It's one thing to throw down a prototype school on the open prairie, it's another to design and construct a new elementary school on an existing occupied school site in an established urban neighborhood. In this presentation attendees will gain insight as to the site and building planning, security, phasing and construction considerations, regulatory issues and educational opportunities of designing a new elementary school constructed onsite with an existing operational school that it is to replace. The new Bammel Elementary School for Spring Independent School District was built in a 14 month timeframe on the exiting 9-acre site and designed to allow for continuous uninterrupted occupancy of the existing school during construction while incorporating an existing building into the new campus, the Districts' educational curriculum, energy efficient systems and natural daylighting.

**PRESENTERS:**

**Dr. Dalane E. Bouillion - Associate Superintendent for Curriculum and Instructional Services, Spring ISD**

Dr. Bouillion earned her Masters in Educational Leadership in 1994 and a Doctorate in Educational Leadership in 2004 at Stephen F. Austin State University. She currently serves as an editorial reviewer for Teacher Education and Practice and authored a book chapter in the recent Equity Issues for Today's Educational Leaders: Meeting the Challenge of Creating Equitable Schools for All. She has served as an adjunct professor for Stephen F. Austin State University in the Department of Secondary Education and Educational Leadership. Her research interests include issues surrounding social justice, systemic change, and smaller learning environments.

**Mr. Jeff Windsor - Director of Construction and Energy, Spring ISD**

Mr. Windsor has over 35 years of Commercial and Educational construction experience as a project superintendent, Project Engineer and Project Manager. In his ten years with the district he has overseen the construction of over 2.4 million square feet of new schools and support facilities.

**Mr. Bruce Casares - Vice President of Operations, Dyad Construction, LP**

Mr. Casares began his thirty-three year career in the construction industry as a craftsman. His keen overview of the business was developed by holding various positions including site superintendent, field engineer, scheduler, estimator, project manager, safety director and operations director. Bruce currently oversees the field operations for Dyad Construction, LP, which has completed over \$800 million worth of construction projects in the Houston and Austin markets. Since joining Dyad in 1999, he has managed \$82 million in educational projects and \$99 million in private work.

**Mr. Kenneth R. Hutchens, AIA - Principal, VLK Architects, Inc.**

Mr. Hutchens has over 25 years experience in providing architecture services to clients in various market sectors including educational, commercial and religious. As a Principal with VLK Architects, in addition to Bammel Elementary School for Spring ISD Mr. Hutchens projects include the Cox-McFerrin Center for Aggie Basketball at Texas A&M University, Walnut Bend Elementary School for Houston ISD, Greens Prairie Elementary School at College Station ISD, Walker and Bowie Elementary Schools at Goose Creek CISD and Renovation of the Music Building at Lamar University.

**B. DRAWING THE LINE - HOW ARCHITECTS IMPROVE SAFETY AND SECURITY IN SCHOOLS (CROCKETT C/D)**

This presentation provides an in depth review of how school districts and their architect can positively impact the safety and security of facilities. Learn how to change the collaborative process of school design and put school safety and security into the earliest stages of the project. The presentation will provide examples on improving natural surveillance, access control, territorial reinforcement and maintenance and we will discuss who should be involved with the design team to make it all happen.

**PRESENTER:**

**Allen Lawrence, RCDD - Director of Technology & Security Design, Huckabee**

Mr. Lawrence has seventeen years experience in telecommunications design and seven years experience in designing physical security systems for K-12 schools in Texas. He helps educate architects and educators in the design principles of Crime Prevention Through Environmental Design (CPTED) and how these methods can be applied to the design of educational facilities. He also works with local law enforcement and SWAT teams to better understand the impact the building design has on emergency response in schools.