



A Leader in School Construction

The SDA has the expertise, proven track record and demonstrates the innovation necessary to continue to address the educational facility needs that exist throughout New Jersey by delivering quality schools while serving as effective stewards of taxpayer resources. Our entire approach to project development and delivery is rooted in the maximization of predictability and minimization of change.

Proven Delivery Methods: The SDA maintains our commitments to School Districts and the Taxpayers of New Jersey by delivering school facilities projects on schedule and on budget. We have implemented several key approaches to project delivery designed to maximize predictability and minimize surprise:

- **Design-Build** - This method differs from the traditional approach in that SDA contracts with one firm for both design and construction of a school facilities project. The design-build method also allows for some design and construction activities to proceed concurrently through phased advancement, an approach that potentially allows for improvement upon the overall schedule.
- **Constructability Review** - Dedicated to ensuring increased accountability, constructability review provides an effective opportunity to resolve project concerns before commencement of construction.
- **Early Site Preparation** - The SDA follows this method of separating demolition and site remediation from new school construction because doing so is highly effective in preventing lengthy, costly construction delays often caused by conditions that need to be remedied on the site.

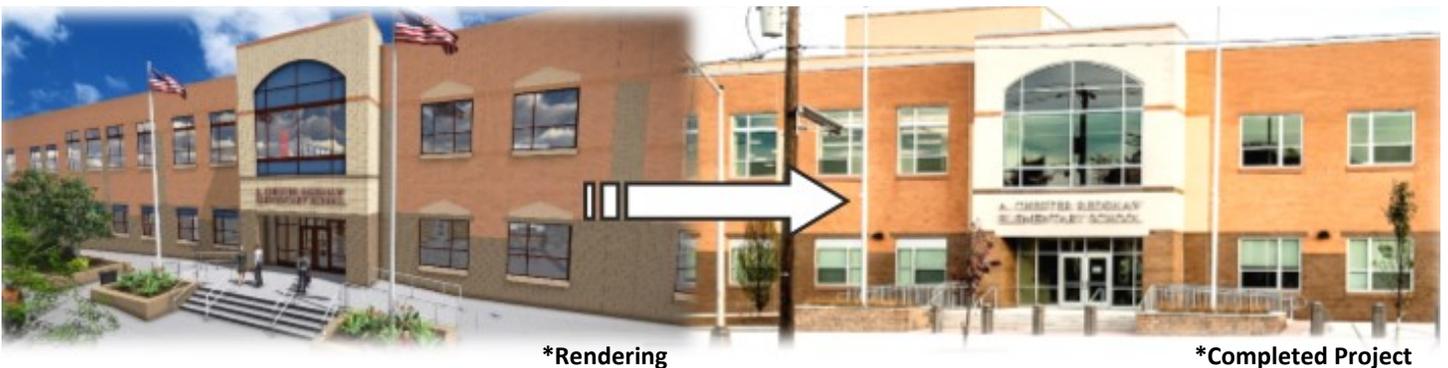


Minimized Change Orders: SDA has seen a significant decrease in change orders, averaging just 2% across all projects. This is substantially lower than an industry average of 8 - 10%.

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Effective Stewardship of Tax Payer Money: Projects advance through Working Group activities that resulted in:

- Validation of needs based on a holistic, district-wide review and assessment
- The most appropriate and effective project in satisfaction of District needs
- The logistically and fiscally sound utilization of state funds/resources



Design Standards:

- **Kit of Parts** - The Kit of Parts prototype is comprised of four standardized component elements: Instructional, Large Group, Core and Pre-Kindergarten. Application of the Kit of Parts approach has allowed for a variety of plan arrangements, based upon differing site sizes and configurations, while maintaining a high degree of consistency in program components and supporting project schedule efficiencies.
- **Materials and Systems Standards** - These requirements have been developed based upon SDA's experience over many years of school design and construction and are intended to establish an optimal balance between initial cost and long-term maintenance and operations considerations.
- **Sustainable Schools** - LEED Certification: As an added measure to ensure sustainable facility designs, SDA requires that all new schools and additions are Leadership in Energy and Environmental Design (LEED) certified. SDA works closely with school districts and design consultants to achieve the highest possible level of certification based upon the unique opportunities presented by each project.

