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## Architecture and Engineering

# Burke, Hogue & Mills designs two new Lake County schools

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Lake Mary architectural firm Burke, Hogue & Mills Associates Inc. completed designs for the renovation and expansion of Tavares Elementary School and Triangle Elementary School for the Lake County School Board. Construction is slated to be finished by Christmas of 2005. Construction management is being performed by PPI Construction Management Inc.

At Triangle Elementary, the existing 30,000-square-foot building is being remodeled to house administration, classrooms and a media center. Multipurpose space is being added to the cafeteria to provide more dining and assembly space. A new two-story building, planned for the north side of the campus, will include classrooms, as well as music and art departments.

A 31,000-square-foot "school-in-the-round" building, considered innovative when it was built, will be removed at Tavares Elementary School. Now more than 30 years old, it became costly to maintain and difficult to use. New construction will include an administrative suite and media center, as well as a two-story building containing 24 classrooms.

Tavares Elementary has a strong fine arts curriculum and produces several well-attended shows each year. To support the program, the architect designed an addition to the existing cafeteria. The addition will offer more dining space, while offering seating with good sight lines for the new stage. New art and music suites have been designed adjacent to the back of the stage for use as preparation areas, providing direct access to the stage.

In other architectural news:

- St. Johns County selected Architects Design Group Inc. of Winter Park to design its new facilities maintenance department building. A contract is currently under negotiation. The facility will be located on 10 acres and will include administrative offices, as well as a warehouse and shop buildings.
- URS, a multidiscipline engineering company, selected Ardaman & Associates Inc. of Orlando to provide geotechnical engineering for the Maitland Boulevard extension interchange with State Road 429 in Orange County. The project is part of the Orlando/Orange County Expressway Authority's system.
- Seminole County Public Schools awarded Orlando's Rhodes + Brito architects a continuing service contract for architectural service. The contract includes ongoing renovation work and master planning for school facilities. The Orange County School Board awarded Rhodes + Brito a contract to design a \$12 million addition and renovation project for Stonewall Jackson Middle School in east Orlando. Work on the school will start in the spring.
- The city of Port Orange selected Architects Design Group Inc. of Winter Park to conduct a special needs study for city facilities, including the city center complex, the police station, city hall, the library facility and the public works complex. A master plan concept will be created based on the findings of the study.

### Engineering

- Volusia County awarded HNTB a contract to provide professional traffic engineering and transportation planning services including, but not

limited to, the development, review or critique of traffic impact analysis, land use amendments, comprehensive plan amendments, environmental impact statements and independent studies for road impact fees.

- Northern Star Generation Services Co. LLC selected PBS&J to provide environmental consulting services for two Florida power plants in Orlando and Wauchula. PBS&J will provide engineering and ecological consulting services to the Northern Star Generation Services Co. The contract will run through May 2005.
- GTC Engineering Corp. completed design and permitting on Oak Hill Reserve Phase I, an 87-lot, 42-acre, single-family subdivision in Apopka. GTC also completed design and construction plans for intersection improvements at Lake Underhill Road and Goldenrod Road. Improvements included construction of an extended right turn lane on the westbound approach, preparation of signal plans, pavement marking plans and maintenance of traffic plans.
- Beame Architectural Partnership selected AVID Engineering of Palm Harbor to provide planning, engineering design and permitting for the site infrastructure in the redevelopment of the 490,000-square-foot Pointe Orlando shopping and entertainment complex on International Drive. Weingarten Realty Investors chose AVID to provide similar services at the 268,000-square-foot Herndon Plaza shopping center, and New Plan Excel Realty Trust selected AVID to provide such services for the re-development of Colonial Market Place, on the northwest corner of Maguire Boulevard and East Colonial Drive.
- Florida Engineering Group Inc. completed the design and permitting for Magnolia Pointe, an 8-acre, 20-lot single family residential subdivision in Seminole County.