ECON is a multi-disciplined surveying, civil engineering and planning service provider whose principle team has for more than three decades created better living and working environments and endeavored to strike the ideal balance of professionalism, innovation and reliability.

Our capabilities include the following:
- Simple to complex residential, commercial and industrial developments
- Surveying and GIS Based Mapping
- Civil Engineering for public and private infrastructure design and construction
- Site development services including conceptual planning and feasibility studies
- Sustainable building approaches/renewable energy generation
- Environmental Permitting (NPDES, Army Corps of Engineers, FDOT, Water Management Districts and FDEP)
- Transportation planning and roadway design
- Storm water management/erosion control design, permitting and monitoring and flood studies
- Environmental services, wetlands delineation, mitigation, monitoring, and conservation easements
- Wildlife and Endangered Species Monitoring (i.e. Gopher Tortoise, Bald Eagle)
- Urban Planning and Design

The capacity to offer such a full range of services in a single organization has proven advantageous to our clients, enabling ECON to become a market leader in building collaborative relationships, both across sectors and internationally. The breadth of our client base has included all levels of government (federal, state, county, city, special assessment districts), corporations, consulting engineers, real estate developers, architects, surveyors, attorneys, realtors, lenders and appraisers.
ECON was created in April of 2010 as a result of a merger of McVay-Wood Engineering, LLC and Southeastern Carbon Solutions, LLC. McVay-Wood has been providing engineering services, land surveying, land planning, transportation planning, environmental permitting and infrastructure design for over 30 years while Southeastern Carbon Solutions has excelled in the fields of renewable energy, solid waste management, agricultural biogas capture and utilization, sustainable forestry, biomass to energy and energy efficiency retrofitting.

We at ECON maintain that in today's evolving marketplace for technical services, the fields of engineering and environmental management can no longer be viewed as separate service categories. Sustainable development, ecological stewardship and proactive energy approaches are now all fundamental to implementing effective long term engineering solutions.
key players

Mike Herr joined the ECON team in October 2010 as President. Mr. Herr is a talented and accomplished executive leader with over 35 years of experience.

Mr. Herr has 35 years of responsible local government and managerial experience and proven ability to successfully direct civil engineering solutions and project management. In his position at ECON he is responsible for overseeing the vision and business development activities for ECON in both the public and private sectors.

Before joining the ECON team, Mr. Herr served as County Manager for Polk County, Florida from 2003 to 2010. His focus on creative solutions generated significant savings in time and money for both the private and public sectors.

The following are a just a few of the creative solutions he initiated:

• Budgeting for Outcomes: A new budgeting approach which directly engaged citizens for ranking programs.

• Electronic Town Halls: By using technology, more citizens were able to participate and provide feedback into their communities’ projects.

• Customer Service Driven Culture: Established a one-stop permitting center in Polk County’s Building Division.

• “Better, Faster Cheaper”: Created improvement teams to overhaul and streamline processes for greater efficiency and to reduce cost on daily operations and Community Investment projects.

Mr. Herr holds a Bachelor’s of Science degree from Indiana State University. He is also a Member of the International City Management Association, the Florida Association of Counties and the American Public Works Association. Mr. Herr received the Award for Career Excellence in May of 2009 from the Florida City County Management Association.

AreAs oF exPertise:
- Project Planning & Management
- Federal & State Appropriations
- Budget Management & Cost Control
- Economic Development Partnerships
- Long Range Transportation Planning
- Team Development & Leadership
- Growth Management / Sustainability
- Grant Writing Experience
John McVay founded a surveying firm in 1973 and over the past 30 plus years as the firm matured and evolved in the innovative engineering, surveying and planning firm ECON is today.

As CEO, Mr. McVay is responsible for the oversight of ECON’s operations and works closely with the President, Mike Herr to ensure ECON’s standards of excellence are met at every level of a project.

Mr. McVay has over four decades of experience and thirty five years as a partner and business manager. He is an accomplished executive with a history of success leading strategic efforts and projects at the local, regional and international level. In addition, Mr. McVay has extensive knowledge in marketing, strategic planning, surveying, construction layout, supervision, zoning presentations, land planning, design and governmental permitting.

Mr. McVay is a licensed Professional Surveyor & Mapper (License #4003) as well as a Registered Real Estate Broker in the State of Florida.
key players

Dennis Wood currently serves as Vice President of Engineering. Prior to assuming his current role Mr. Wood was a Senior Project Manager for ECON where he was in charge of engineering and project management. He has been with the firm since 1989 and is instrumental in its growth.

Mr. Wood’s has worked in both the Public and Private sectors and his previous experience includes the Florida Department of Transportation (eleven years), the City of Tampa (one year), Scotty’s, Inc (three years) and Kunde, Sprecher, Yaskin & Associates (one year).

Mr. Wood holds a Bachelor’s of Science degree in Civil Engineering from the University of Florida. He is registered as a Professional Engineer in the State of Florida (License #17646).

Michael Schenk serves as ECON’s Director of Utility Engineering. As Director of Utility Engineering he has utilized his 30 plus years of engineering experience, in both the Public and Private Sector, for the planning, design, permitting and construction administration of projects encompassing utility infrastructure, land development and roadways. Mr. Schenk specializes in the development of project budgets, engineering plans preparation and review, permit preparation and submittal to local and state regulatory agencies.

Mr. Schenk holds a Bachelor’s of Science degree in Civil Engineering from the University of Central Florida. He is registered as a Professional Engineer in the States of Florida, Georgia and North Carolina. Additionally Mr. Schenk is a Certified Storm Water Inspector.

William Hockensmith has been part of the ECON team since 1996. He currently serves as an Engineering Project Manager. His focus includes site design, traffic impact analyses, impact fee studies, signalization warrant and design. Mr. Hockensmith previous experience includes the Florida Department of Transportation (five years), Tipton Associates, Inc (ten years) and Keith & Schnars (one year).

Mr. Hockensmith holds a Bachelor’s of Science degree in Civil Engineering from the University of Florida. He is registered Professional Engineer in the State of Florida (License #35540) and previously registered in Georgia, South Carolina and Alabama.
Kenneth Thompson has served as the Vice President of Surveying for ECON since 2003. He is charged with scheduling of field crews, client contact, bid and contract preparation, project research, employee training and motivation, Computer Aided Drafting. In addition, Mr. Thompson is responsible for deed and land title research on ALTA / ACSM Land Title Surveys.

Mr. Thompson is registered as a Professional Surveyor & Mapper in the State of Florida (License #4080) and has over 37 years of experience in all aspects of Land Surveying and Mapping. He was a County Surveyor with Polk County for 9 years. In addition, Mr. Thompson is a sixth generation Floridian and a fifth generation Polk County native.

Thomas (Trae) Holland came to join ECON through the merger of his company SouthEastern Carbon Solutions LLC (SCS). In his position as Vice President of Sustainability Management Mr. Holland is responsible for directing renewable energy efforts and environmental project origination, with additional oversight over sustainable finance initiatives, team aggregation and management, public relations and research. In addition he manages ECON’s services in the sustainability sector and is responsible for company operations in the areas of bioremediation; energy efficiency is construction, sustainable forestry, waste management and biogas utilization.

Mr. Holland holds a Bachelor’s of Science degree in Mathematics from Davidson College and a Masters in International Relations from Bilgi University in Istanbul, Turkey. He has also worked and lived in Europe, Asia and South America.
We offer innovative, cost-conscious engineering services and broad based technical support strategies.
ECON provides a full-range of transportation planning and traffic engineering services to the public and private sectors. Private sector projects include the retail industry (regional shopping centers, community shopping centers and supermarkets), office/medical office uses, industrial parks and residential developments. Public sector clients include municipalities and counties on development reviews, capital improvement projects and planning studies. We also serve institutional and corporate clients to address their parking and transportation needs.

ECON's team of qualified engineers have been collectively providing transportation engineering solutions for over 35 years, including Roadway Designs, Traffic Designs, Parking Facility Designs, Utility Relocations, Environmental Engineering and Permitting. ECON is prequalified by the Florida Department of Transportation for roadway improvements, signalization and survey. Our experience and capabilities permit ECON to complete all aspects of almost any roadway / highway project.

**ECON PROVIDES:**
- Traffic Impact Studies
- Parking and Circulation Studies
- Traffic Signal Design
- Access Needs Analysis
- Maintenance of Traffic
- Roadway & Intersection Design
ECON has a robust project history and service portfolio in the broad area of infrastructural design and delivery of utilities. In addition to designing new facilities, we also provide condition assessments and diagnostic evaluations to help clients maximize the capabilities of existing infrastructure. ECON can carry out planning, preliminary engineering design, rehabilitation, relocation, permitting and systems management in the areas of:

- Water Systems; water transmission mains, neighborhood water mains and service lines
- Wastewater Collection and Transmission Systems; sanitary gravity mains, laterals, manholes, pumping stations and force mains
- Reuse Systems; reuse mains
- Stormwater Management Systems; roadway drainage pipes, ditches, canals, and other types of conveyances, storage and treatment ponds, flood management systems
ECON provides land use planning and sustainable management services to the public and private sectors. Private sector work includes design and planning consultation for commercial, industrial, residential and mixed use projects. Public sector clients include municipalities and counties for development application reviews, capital improvement projects, parks and recreation and community planning services. With our own Sustainability Department and professionals on staff experienced in employing environmentally sound Best Management Practices, Energy Efficiency approaches and Renewable Technologies, we are able to offer innovative design solutions for both the present and the future. ECON’s staff also understands a project is only feasible if it can be constructed cost effectively.

**ECON PROVIDES:**
- Land Use Amendments
- Planning & Zoning
- Conditional Use Permits
- Municipal Reviews
- Municipal Master Planning
- Ordinance Preparation
- Environmental Impact Reports
- Fiscal Impact Studies
- Renewable Energy/Energy Efficiency Interventions
- Sustainable Urban Planning
- Best Management Practices
At ECON, we pride ourselves on the quality of our work. We have a successful history of bringing projects from concept through the approval and environmental permitting process at the municipal, county and state levels. ECON will be your advocates, at the planning board, at the county and at the State level to secure the best possible plan approvals for your project.

Our site plans are designed to incorporate permitting parameters to avoid problems at review times. We have successfully obtained local, county and state permits. At ECON, we know we can take your site plan through the difficult permitting phase for stormwater management and environmental permitting and other local, county and state regulatory agency requirements.

We especially take pride in our environmental permitting services. Some of our recent permits include:

**FEDERAL**
- Army Corps of Engineers
- FEMA
- DNR

**STATE**
- FDEP
- NEDS
- Water Management Districts
- Health Department
- Fish & Wildlife Commission

**COUNTY/LOCAL**
- Site Plan Approval
- Utilities Permits
- Use Permits
- Water Management Authorities
In the ongoing process of transforming the Cypress Gardens Theme Park into the future LEGOLAND Florida, ECON has served as the primary Civil Engineering firm for the project. ECON has responsibility for analysis of Traffic and impact of the park on the local roadway network; Parking and Access. ECON has coordinated communications with the project’s architects to ensure effective alignment of their designs with site factors related to parking, access ways and utilities with ECON carrying out construction inspections during the building process in order to assure the project is constructed within approved parameters.

Additionally, ECON has carried out the design and permitting for storm-water management, sewer lines and domestic water systems at the future theme park, including survey and evaluation of the existing Cypress Gardens utility systems to determine which areas of the Water and Wastewater systems can be utilized in the future LEGOLAND Park and which require rehabilitation. ECON worked with park designers to provide utility service to various attractions, restaurants and vendor areas and to meet their wide ranging utility demands, and coordinated with park and attraction designers to modify utility designs (i.e. sanitary collection, lift stations, water and stormwater collection systems) as needed to satisfy an ever-changing park layout during the design-build process. ECON was responsible for permitting and inspection of water and wastewater installations during construction.
The Minute Maid Corporation, a division of Coca-Cola, constructed a 620,000 square foot manufacturing facility situated on 60 acres at a cost of $130 million in Auburndale, Florida. This facility marked Minute Maid’s return to Florida after having left the state due to excessively cold weather in the 1980’s. Including all phases, this plant contains one million square feet with 300 employees. This project was on an accelerated design, permitting and construction schedule to meet the production deadline for their “Simply Orange” brand. ECON, as the design and permitting engineer, was responsible for boundary and topographical surveys, local and state site permitting, off-site road improvements, turn lanes, intersection signalization, coordination of utilities and road work between the City of Auburndale, Polk County, Minute Maid and the General Contractor.

TEAM MEMBERS PARTICIPATING ON THE PROJECT:
John McVay
Dennis Wood
William Hockensmith
Steve Peterson
Tim Sylvester
John Bannon
Southern Dunes is located in Haines City off of US 27. This 18-hole championship golf course with a multi-million dollar club house also represents a Planned Unit Development with approximately 700 single family and multi-family units, along with a 40 acre commercial center. The commercial center included a Dollar General, national chain grocery store, warehouses and several retail and office buildings. ECON provided engineering and surveying services, but also carried out Project Planning; Traffic Analysis; Traffic Signal Design; Roadway and Subdivision Design; Utility Design; Stormwater Management Design; Traffic, Roadway Utility and Wetlands Mitigation Permitting and Platting.

TEAM MEMBERS PARTICIPATING ON THE PROJECT:
John McVay
Dennis Wood
Ken Thompson
William Hockensmith
Steve Peterson
Tim Sylvester
ECON’s team has for decades partnered with clients to develop well-planned solutions individual projects ranging from retail and corporate office to faith/worship and urban commercial development projects. ECON’s full spectrum site services involve surveying, environmental, transportation, water and wastewater design, irrigation design and construction administration. This integration ensures consistent project performance and experience throughout all phases of the civil engineering design, from inception of the project to completion of construction. ECON’s many stand-alone commercial projects in Florida and throughout the southeast have included 250 Dollar Generals and Family Dollars, 250 Advanced Auto Parts stores, 50 Scotty’s, 15 Ruby Tuesday restaurants and 2 Winn Dixie grocery stores.

TEAM MEMBERS PARTICIPATING ON THE PROJECT:
Dennis Wood
John McVay
William Hockensmith
Tim Sylvester
Ken Thompson
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