

CIVIL & ENVIRONMENTAL SERVICES

HSW Engineering, Inc. (HSW) is a licensed engineering and geology firm with over 24 years of experience. Our unique blend of scientists and engineers provide our clients with excellent skills in civil design, hydrologic and hydraulic modeling, and 3D visualization modeling expertise.

HSW has successfully applied innovative and integrated strategies to engineering, environmental, and regulatory issues worldwide with consistently successful project completion. Due to this wide variety of project locations and use of effective problem analysis, HSW has developed the ability to quickly understand both the working and natural environment relative to project scope and client and regulatory requirements, and thus positively contributes to productive project decision-making. HSW brings the knowledge of many similar projects and “lessons learned” to most any project undertaken. This corporate strength assures our clients of the best possible service and value and is a key reason that over 90% of our work comes from previous clients.

HSW’s project team is staffed with local engineers (civil, environmental, electrical, structural, mechanical, geotechnical) and scientists (biology, soils, chemistry, geology, geography), most with advanced degrees, and a robust support team comprising of designers, CAD and GIS operators, cost estimators, construction inspectors, environmental technicians, and professional land surveyors. Relevant areas of team expertise include the following:

- Roadway Design
- Civil Site work Design
- Environmental Studies (PD&E) and Permitting (RCRA, solid waste, NPDES, stormwater, water use)
- Utility Engineering & Coordination
- Construction Bidding Support, Management, and Inspection
- Building / Facilities Structural Design & Construction Management
- Solid Waste Design & Construction Management
- Parks & Recreation Facility Design
- Leadership in Engineering and Environmental Design (LEED)
- Low Impact Development (LID)
- Water / Wastewater Design, Plans, and Construction
- Design / Build Requests for Proposal / Qualifications
- Complex Data Management (GIS/CAD mapping, dynamic visualization, and 3D rendering)
- Document Management
- Demolition Plans
- Construction cost estimating

HSW has long-standing general services contracts for a number of public and private sector clients, including:

- US Army Corps of Engineers (USACE)
- Department of Defense (DoD)
- Navy Facilities Command
- Patrick Air Force Base
- Florida Department of Transportation
- Charlotte County
- Pinellas County
- Sarasota County
- Orange County
- City of Dunedin
- City of Holmes Beach
- City of North Port
- City of Ocala
- Water Districts: SWFWMD, SJRWMD, SRWMD, and SFWMD
- Lockheed Martin
- Northop Grumman
- Crosland
- ECHO Real Estate Services
- Little Harbor
- Watermark Communities (WCI)
- Ram Development
- Echelon
- Davidson Homes
- Webb Development
- MRC Holdings

