

**PHIL CHANG, PE**  
**Lutz Branch Manager**



Phil is the branch manager of the firm's Lutz/Land O'Lakes office. He has been a project manager on various projects throughout Southwest and West Central Florida, as well as outside of Florida. He is familiar with the design and permitting procedures of the local municipalities as well as the Southwest Florida Water Management District (SWFWMD), Florida Department of Environmental Protection (FDEP), the US Army Corps of Engineers (USACE) and the Florida Department of Transportation (FDOT). Phil's primary experience as a Project Manager includes peer review and design and permitting of public sector projects. He is a former public sector employee whose experience includes public meetings, working with city/county attorneys and various other staff, presenting to boards/committees, site plan permit reviews, infrastructure analyses, cost estimates, feasibility studies, preparing bid documents and responding to public inquiries.

**Education/Training**

B.S. Civil Engineering (1993),  
McMaster University  
Ontario, Canada

FDEP Qualified Stormwater  
Management Inspector

**Licensing & Registration**

Florida Professional Engineer,  
License No. 57410  
Virginia Professional Engineer,  
License No. 041539

**Experience**

- **Starkey Boulevard and Alico Pass, Pasco County** - Project manager for the design and permitting of intersection improvements requiring significant utility coordination to ensure that the project design was completed within schedule. The project also included enhanced right-of-way landscape design to address aesthetic concerns expressed by the community. Design elements included modifications to drainage (to meet requirements for an ERP exemption), addition and/or modification of sidewalks, utility adjustment and permitting.
- **Collier Parkway and Killington Boulevard, Pasco County** - Phil was the project manager for this project that involved the design of new mast arm traffic signals to replace the temporary span wire assembly. The improvements included upgrades to the pedestrian signals and sidewalk ramps in order to meet Americans with Disabilities Act (ADA) requirements.
- **U.S. 301 and C.R. 54, Pasco County** - Project manager for the design and permitting of intersection improvements at one of the busiest intersections in Zephyrhills. Improvements include drainage modifications to existing system, turn lane additions, signal relocation and design, intersection realignment, signing and marking and approximately 3/8 mile of multi-use path. Permit approvals were obtained from SWFWMD (ERP modification) and FDOT (Drainage and Driveway Permits).
- **Right-of-Way Acquisition Assistance, Pasco County** - Project manager providing engineering consulting services to the Pasco County Attorney's Office and Real Estate Division for the purposes of acquiring right-of-way necessary for the construction of County roadway Capital Improvement Projects (C.I.P.). Efforts resulted in the elimination of 7 parcels in the Clinton Avenue Extension Phase 3 project (approximately 0.6 miles long) and reduced construction costs.
- **Oldwoods Avenue Route Study and Pond Siting Report, Pasco County** - Johnson Engineering completed a route study and pond siting report for a new road in the Zephyrhills area of Pasco County. The typical section consisted of a 4-lane divided urban curbed section with meandering multi-use trail and sidewalk along each side of the roadway. Phil presented the findings of the study and pond site recommendations to the Board of County Commissioners at their regular meeting where the report and its recommendation were approved.
- **Bell Lake Road Utility Relocation, Pasco County** - Project manager for a utility relocation project involving deflection of an existing 8-inch PVC watermain to address utility conflicts associated with a roadway improvement project. The resultant design allows for the existing water main to remain in service and avoiding disruption of services to Utilities customers.
- **Wells Road Forcemain, Pasco County** - Project manager for the design of an 8-inch forcemain that was constructed in conjunction with a Pasco County roadway improvement project. The project reduced the distance being pumped by approximately 3.7 miles and improving operational efficiency of the forcemain system.
- **Little Road at Massachusetts Avenue and DeCubellis Road, Pasco County** - Project manager for the design of intersection improvements including drainage, signing and marking, signalization, utility adjustment, and right-of-way acquisition. Project design incorporated reduced

radii at each intersection quadrant resulting in right-of-way required in Northwest quadrant only.