Thomas E. Smith, P.E.

Tom began his professional career in 1999 with Arizona Engineering Company. Throughout his career, he has focused on educational and municipal infrastructure projects including site grading and drainage design, parking and roadway improvements, neighborhood roadway and infrastructure rehabilitation, and utility infrastructure projects.

Tom is a founding partner of Peak Engineering. On Peak Engineering projects, he serves as a Project Director or Project Manager and is responsible for maintaining client satisfaction and ensuring quality control. His corporate responsibilities include financial management, risk management and contracts oversight as well as general business management in collaboration with his partners.

Education / Training

Northern Arizona University, B.S., Civil Engineering, 1999
ACEC Leadership in Engineering Administration (LEAP), 2004

Registrations

Registered Professional Engineer (AZ #42777)

Affiliations / Memberships

American Society of Civil Engineers
American Council of Engineering Companies

Community

Flagstaff Unified School District Citizen's Budget Committee (2009-2010)
Civil Engineering Department Advisory Committee, NAU (2008-2012)
NAU Engineering Department Guest Lecturer
NAU ASCE Student Chapter Concrete Canoe Sponsor

Representative Projects

- *Central Campus 2012 Pedway Improvements*, Northern Arizona University. The project is underway and includes renovation of existing parking areas and drive lanes into pedestrian walkways, bicycle paths and open space. Tom, as project manager, is currently working with NAU Capital Assets to develop concepts, assess pedestrian and bicycle circulation, address ADA accessibility and universal design, and evaluate emergency access.
- *Cromer Elementary School Parking/Traffic Improvements*, Flagstaff Unified School District. Due to increased enrolment, Cromer Elementary School was faced with increased parking and traffic problems on the school site that led to student safety concerns. FUSD enlisted Peak Engineering to evaluate the existing parking and traffic conditions then prepare several alternative solutions for solving the traffic problems through redesign of the parking areas and traffic lanes. Tom coordinated heavily with the District Administration, the School Principal, the Site Council and the PTO to refine alternatives that were acceptable to parents, teachers and school administrators.
- *Greening the North Quad,* Northern Arizona University. Tom, as Project Manager, led a multi-disciplinary team in the renovation of the historic North Quad. The renovation

included removal of existing parking and driveways and conversion to a park-like setting appropriate for academic events, ceremonies and informal gatherings. In addition to overseeing the design, Tom's responsibilities included programming, presentations to University Administration and the NAU community, CM@R coordination and construction administration.

- *Sunnyside Improvements Phases III, IIIB, IVA and IV*, City of Flagstaff*. This series of projects included bringing paved streets with curb, gutter and sidewalks to the Sunnyside neighborhood. It included substantial storm drain improvements, new waterlines, a major extension of reclaimed waterlines, and sewer replacement. Tom, as Project Manager, identified a problem early in Phase IIIA of the project which helped to save the client approximately $80,000.
- *Sechrist Elementary School Parking/Traffic Improvements**, Flagstaff Unified School District. Circulation analysis and design of multi-use parking and pick up / drop off facilities. Tom, as Project Manager, coordinated with the School District administration, teachers and staff, Sechrist Site Council, ADOT and the City of Flagstaff to arrive at the best solution for the adjacent ways project.
- *Pine Ridge Village,* Northern Arizona University*. This was the first Public-Private-Partnership (P3) project undertaken by the University for a new multi-story residence hall on south campus. Tom, as Project Engineer, was responsible for the challenging grading and drainage design and for coordinating work with the landscape architect.
- *Aspen Crossing Residence Hall*, Northern Arizona University*. Tom, as Project Manager, provided civil services to Gould Evans Architects for the new 3-story residence hall in central campus. Tom was responsible for scope and schedule compliance, client coordination and was the engineer of record for the project.
- *Empire Avenue Extension,* City of Flagstaff*. Tom, as Project Engineer, was responsible for schedule and budget compliance and all technical details of the minor collector street extension. The project provided an alternate route for commercial and truck traffic to avoid passing through the Smokerise neighborhood and the development of a major signalized intersection at US Highway 89.

Other Projects*

- Empire Avenue Improvements, City of Flagstaff
- Reclaimed Water Main Extension, Northern Arizona University
- George Gardner Performing Arts Center, Holbrook Unified School District
- Huntington Drive Phase II Improvements, City of Flagstaff
- Red Valley/Cove High School Civil Improvements, Red Mesa Unified School District
- Window Rock District Wide Paving and Pavement Rehab. Project, Window Rock USD
- Trinity Lutheran Church and School Civil Improvements, Avondale, AZ
- Tuba City Unified School District Utility Improvements, Tuba City, Arizona
- Agassiz/Dupont/Verde Waterline Replacements, City of Flagstaff

* Tom performed this work as an employee of Arizona Engineering Company.