



PROFESSIONAL SUMMARY

A leader in the field of Civil Engineering with a specialty in parks and recreational facilities with more than 40 years of experience in development, planning, design, construction oversight and value engineering. Following a successful 30-year career as a Civil Engineer, Principal & Partner, became an independent consultant and created **ppd**, a firm that specializes in successful and innovative spaces for recreation activities. Preferred choice by clients for attention to detail from start to finish and always your primary point of contact. Recognized and rewarded for exemplary interpersonal skills and client relations that enable projects to run smoothly.

PROFESSIONAL EXPERIENCE

- Hundreds of unique and innovative athletic facilities, sports fields, courts, parks, and recreation complexes.
- Award-winning projects for Excellence in Design.
- Independent consultant specializing in active and passive amenities.
- Site planning for school expansions and development of athletic facilities as a project manager/facilitator.
- Represented both municipal and county clientele in New Jersey and Eastern Pennsylvania- specifically, represented the Township of Winslow and Edgewater Park as the Township Engineer, while working on projects with a range of public clients.
- Principal with Lord, Anderson, Worrell & Barnett, Inc.
- Instrumental in the growth of new public sector business areas for previous employers including parks and recreation; school.
- On-going professional development to become a leader in the field of park & athletic facility improvement.
- As a highly respected consultant has been engaged to conduct specialized analysis for projects to include ballfield/park analysis for Mount Laurel, sports field soil design/analysis for North Brunswick Schools, and multiple running tracks and lighting systems.
- Partner at Environmental Resolutions, Inc.

LICENCES

New Jersey Professional Engineer (PE), 1984

New Jersey Professional Planner (PP), 1986

Pennsylvania Professional Engineer, 1991

NATIONAL PUBLICATIONS

- 📖 **How to Care for Your Courts: *A Straightforward Guide to Dealing with Aging Asphalt Courts***, 2014 Public Works Magazine
- 📖 **You'll love this: *City Serves up tennis courts made with post-tensioned concrete***, 2017 Public Works Magazine

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- New Jersey Recreation and Park Association (NJRPA)
- Sports Fields Managers Association
- New Jersey Association of School Business Officials (NJASBO)
- Post-Tensioning Institute (Concrete courts), Active Member

EDUCATION AND ACCREDITATION

- Rutgers University, College of Engineering, Bachelor of Science, 1979
- NJ Professional Engineer, 1984 & Planner, 1985; PA Professional Engineer 1991
- Certified Municipal Engineer (CME) Program, 1995
- Continuing Professional Competency (C.P.C) Credits - ongoing
- Concrete courts – Post-Tensioning Institute Certification, L1 Unbonded PT Field Install, Updated to 2027

NOTABLE AND AWARD-WINNING PROJECTS:

- Bloomfield Lion Gate Park winner of a NJ Future Smart Growth Award and NJPRA – Excellence in Design
- State Award Winner – Excellence in Design – New Jersey Recreation and Park Association Tatlock Park Tennis Courts, City of Summit, NJ
- State Award Winner – Excellence in Design – New Jersey Recreation and Park Association Rutgers-Camden Community Park, Camden City, NJ ⁽²⁾
- State Award Winner – Excellence in Design – New Jersey Recreation and Park Association Alcyon Lake Park, Pitman, NJ ⁽²⁾
- National Achievement Award from the National Associations of Counties - Colonial Park Putting Course, Somerset County, NJ ⁽²⁾
- State Award Winner – Excellence in Design – New Jersey Recreation and Park Association (NJRPA) Sondek Park, South Brunswick, NJ ⁽²⁾
- State Award Winner – Excellence in Design – NJRPA, Brookside Park, Bloomfield, NJ ⁽²⁾
- State Award Winner – Excellence in Design – NJRPA, Bethel Mill Park, Gloucester County, NJ ⁽²⁾

⁽²⁾ Awards given for projects designed by Thomas J. Miller, PE during previous employment.

PROFESSIONAL SPEAKING ENGAGEMENTS AND SEMINARS

Frequently selected to speak to academic, professional and client audiences on a wide range of topics with professional detail for audience understanding.

Early Speaking engagements 1991-2003, including: “Alumni Perspectives on Engineering Careers”, Rutgers University (1991); “Construction of a Park”, Montgomery Township (1995); “The ADA and its Impacts”, Montclair (1998); “The Construction Process - Building a New Special Services School”, Pitman Public Schools (1998); “Improving Your Sports Fields”, New Jersey Recreation and Parks Association (2003); “Parks, Facilities and Open Space,” Pennsylvania Recreation and Parks Society Conference (2003); “Turf Wars”, New Jersey League of Municipalities (2003)

2004-2023

- “Specifications and Managing Sports Field Construction,” Atlantic City, 2008
- “Scholarship Tribute Reception – GSE,” Rutgers University,” 2012
- “Afraid to Ask, But Need to Know: Interesting Codes and Best Practices in Planning Recreation Facilities”, New Jersey Recreation and Parks Association, 2014
- “Afraid to Ask, But Need to Know: Interesting Codes and Best Practices in Planning Recreation Facilities”, New Jersey League of Municipalities, 2014
- “New Trends in the Athletic market for Schools/Municipalities” BCASBO & CCASBO, 2015
- “It’s All About the Courts”, New Jersey Recreation and Parks Association, 2017
- NJRPA Workshop Series – “Working with Consultants,” 2018-2019
- Post-tensioned concrete roundtable on advantages of PT concrete vs. asphalt, 2023