

NICHOLAS J. PANTINA, P.E., C.M.E., C.P.W.M.

100 Park Drive
Kenilworth, New Jersey 07033
cell - 908-623-7045
npantina@gmail.com

Organized, efficient & thorough Project Manager with twenty-one years of experience comprising various disciplines of Civil Engineering including, Project and Construction Management, Pavement Design & Management Systems, Public and Private Infrastructure Improvements, Transportation, Planning & Zoning Boards, Stormwater Management, and Soils.

PROFESSIONAL EXPERIENCE:

County of Union, NJ - Division of Engineering

Traffic Engineer, January 2001 – April 2009

Senior Engineer, September 1997 – December 2000

Assistant Traffic Engineer, November 1993 - August 1997

- Oversee all Transportation, Traffic & related engineering projects, by providing timely analysis & recommendations. Responsible for the design, permitting & construction management of all road rehabilitation projects affecting the County's 172 mile roadway system, including but not limited to, milling and resurfacing, ADA handicap requirements, bridge surface improvements, guiderail installations, signing and striping upgrades and various Storm Water Management solutions.
- Prepare all construction documents including applications, plans and specifications for state and federal aid projects from inception through completion of construction and project closeout. Work closely with NJDOT, FHWA, NJTPA, NJTA, utility companies, local officials, & other County Departments to effectively coordinate and implement quality performances and procedures throughout design & construction phases.
- Participate in oversight of County & Statewide Transportation & Planning issues, including: GSP 135 Interchange Improvements in Clark; US Rt. 22 Corridor Study; Goethals Bridge Replacement Technical Advisory Committee; North Avenue Corridor Improvements in the City of Elizabeth; & various other Transportation projects. Oversee Consultants, Contractors & In-House County Maintenance Forces in design & construction services for major signal corridor improvement projects, including: 17 signals in the City of Rahway; 11 signals along Morris Avenue, City of Summit; & 8 signals along Park/Martine Avenue in the Township of Scotch Plains & Borough of Fanwood.
- Conducted technical review and inspection for the Union County Planning Board, and prepared detailed commentary on traffic control plans for all road opening permits. Provided technical and administrative support to the County and its twenty-one municipalities. Supervised all aspects of work zone safety in conformance with the Manual of Uniform Traffic Control Devices and NJDOT specifications.

Studer and McEldowney, PA, Clinton, NJ

Assistant Engineer, January 1988 - October 1993

- Designed Stormwater management facilities including detention basins, storm sewer collection systems, and infiltration trenches. Prepared grading and SESC plans. Designed

individual subsurface sewage disposal systems, including soils and site evaluation, testing, design and inspection. Prepared NJDEP Stream Encroachment and Wetlands permit applications, as well as various environmental impact studies.

- Conducted technical review and inspection for municipal planning boards and prepared detailed written reports for the municipal engineers of eleven municipalities throughout Hunterdon and Warren Counties.
- Designed public works and private sector projects including timber, masonry and concrete retaining walls, culverts, and water mains. Designed and inspected a 50' X 100' timber frame Recreation Pavilion for the Borough of Hampton, Hunterdon County, New Jersey.
- Coordinated contractors, equipment and supplies for the installation of point of entry treatment (P.O.E.T.) systems for contaminated water supply wells in Independence Township, Warren County. Established control procedures and maintained quality assurance of such systems while acting as liaison between property owners and NJDEPE.
- Worked directly with state, county, local municipal agencies, contractors & utility companies on state and locally funded road rehabilitation projects from inception to completion of design in accordance with AASHTO standards and NJDOT specifications. Calculated horizontal and vertical alignment for road design and performed trip generation analysis for design of intersections.

EDUCATION: New Jersey Institute of Technology, Newark, N.J.
Bachelor of Science in Civil Engineering
December 1987

CONTINUING PROFESSIONAL EDUCATION: Available on separate spreadsheet

CERTIFICATION: N.J. Professional Engineer's License; N.J.S.M.E. Certified Municipal Engineer;
N.J.S.A.T. Certified Asphalt Paving Technologist; N.J. Certified Public Works
Manager Certificate

PUBLICATIONS: Co-Author of "Implementation of a Real Time Adaptive Control Traffic Signal System for the County of Union, NJ", presented at the 2001 ITE Annual Meetings in New Jersey & Chicago

AFFILIATION: Member, American Society of Civil Engineers
Past NJ Arrangements Chairperson, Institute of Transportation Engineers
Member, American Society of Highway Engineers
Member, County and Municipal Traffic Engineer's Association
Member & Vice-Chairman, Kenilworth Planning Board
Member & Secretary, New Jersey Society of Asphalt Technologists
Stakeholder, NJ Local Technical Assistance Program

REFERENCES: Available upon request.