



Executive Office, City of Providence, Rhode Island

VINCENT A. CIANCI, JR.

MAYOR

August 24, 2000

The Honorable Members
The City Council of the
City of Providence
City Hall
Providence, RI 02903

Dear Honorable Members:

Pursuant to Sections 302 (b) and 814 of the Providence Home Rule Charter of 1980, I am this day appointing Ms. Elizabeth A. Bracken of 178 Bartlett Avenue, Providence, Rhode Island 02905, a member of the Board of Tax Assessment Review for a term expiring in January, 2003 and respectfully submit the same for your approval.

Sincerely,

VINCENT A. CIANCI, JR.
Mayor of Providence

VAC:cmh

IN CITY COUNCIL

NOV 2 2000

HEAD

WHEREUPON IT IS ORDERED THAT
THE SAME BE RECEIVED AND APPROVED.

CLERK

IN CITY COUNCIL

OCT 19 2000

Received and Referred
to the Committee on Finance

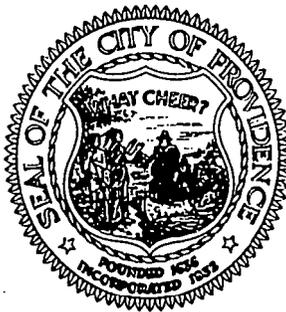
Michael R. Clement CLERK
BR

THE COMMITTEE ON

Genuine
Recommends Approved
Ann M. Helton
10-26-00 CLERK

State of Rhode Island
and
Providence Plantations

THE CITY OF



PROVIDENCE

I, Elizabeth A. Bracken, do solemnly swear that
I will support the Constitution of the United States and of the State of Rhode Island
and the Providence Home Rule Charter and that I will faithfully discharge the duties
as a member of the

Board of Tax Assessment Review

for a term to expire in January, 2003

to the best of my ability.

Elizabeth A. Bracken
Elizabeth A. Bracken

I, Vincent A. Cianci, Jr. Mayor of Providence
do hereby certify that on the 12th day of December, A.D. 20 00,
I did administer unto Elizabeth A. Bracken

duly appointed as a member of the

Board of Tax Assessment Review

the above subscribed oath.

Vincent A. Cianci, Jr.
VINCENT A. CIANCI, JR.
Mayor of Providence



Executive Office, City of Providence, Rhode Island

VINCENT A. CIANCI, JR.

MAYOR

August 15, 2000

The Honorable Member
The City Council of the
City of Providence
City Hall
Providence, Rhode Island 02903

Dear Honorable Members:

Pursuant to Section 302 (b) of the Providence Home Rule Charter of 1980 and Section 5 (a) of the Rhode Island General Law, Chapter 306, I am this day appointing Mr. David G. Dillon of 43 Elmcroft Avenue, Rhode Island 02908, a member of the Providence Off-Street Public Parking Commission for a term to expire in August, 2005. and respectfully submit the same for your approval.

Sincerely,

VINCENT A. CIANCI, JR.
Mayor of Providence

VAC:cmh

IN CITY COUNCIL

NOV 2 2000

READ AND DENIED PASSED M.P.C.

Richard A. Clement
CLERK

MOA

IN CITY COUNCIL

OCT 10 2000
Received and Referred
to the Committee on Finance

Michael R. Clement CLERK
BR

THE COMMITTEE ON

Finance
Recommends - Approval
Ann M. Stilson
10-27-00 CLERK

State of Rhode Island
and
Providence Plantations

THE CITY OF



PROVIDENCE

I, David G. Dillon, do solemnly swear that
I will support the Constitution of the United States and of the State of Rhode Island
and the Providence Home Rule Charter and that I will faithfully discharge the duties
as a member of the

Providence Off-Street Public Parking Commission

for a term to expire in August, 2005

to the best of my ability.

David G. Dillon

I, Vincent A. Cianci, Jr. Mayor of Providence
do hereby certify that on the 14th day of December, A.D. 20 00,
I did administer unto David G. Dillon

duly appointed as a member of the

Providence Off-Street Public Parking Commission

the above subscribed oath.

VINCENT A. CIANCI, JR.

Mayor of Providence



Executive Office, City of Providence, Rhode Island

VINCENT A. CIANCI, JR.

MAYOR

September 15, 2000

The Honorable Members
The City Council of the
City of Providence
City Hall
Providence, RI 02903

Dear Honorable Members:

Pursuant to Sections 302 (b) and 1011 of the Providence Home Rule Charter of 1980, I am this day appointing Mr. Paul Aldinger of 115 Laurel Avenue, Providence, Rhode Island 02906, a member of the Building Board of Review for a term to expire in January, 2001 and respectfully submit the same for your approval. Mr. Aldinger will fill the unexpired term of Mr. Henry Markoff, now deceased.

Sincerely,

VINCENT A. CIANCI, JR.
Mayor of Providence

VAC:cmh

IN CITY COUNCIL

NOV 2 2000

READ AND DENIED -

CLERK

IN CITY COUNCIL

OCT 19 2000
Received and Referred
to the Committee on Finance

Michael R. Cleary CLERK
BF

THE COMMITTEE ON

Finance
Recommends - Be Rejected
Anna M. Stelson
10-26-00 CLERK

EDUCATION: Ph.D. in Civil Engineering, University of Rhode Island (1983)
M.S. in Civil Engineering, University of Vermont (1973)
Naval Civil Engineering Officers School
B.S. in Civil Engineering, University of Vermont (1969)

REGISTRATION: Registered Professional Engineer
States of Rhode Island, Vermont, New Jersey, New York, and
Connecticut, Commonwealth of Massachusetts

PROFESSIONAL SOCIETIES: National Society of Professional Engineers
RI Section Past President
American Society of Civil Engineers,
Past Member of National Committee on Environmental
Geotechnics
Rhode Island Section Past President
Earthquake Engineering Research Institute
National Groundwater Association
American Geophysical Union
Tau Beta Pi, Chi Epsilon

AWARDS: Rhode Island Engineer of the Year, 1996
Rhode Island Young Engineer of the Year

PROFESSIONAL EXPERIENCE:

Dr. Aldinger has been involved in a wide range of civil engineering projects in areas such as building construction and waterfront development water supply development and protection; and groundwater studies. solid waste handling and pollution control facilities, disposal and/or recovery systems; power generation facilities; highway and bridge construction;. Dr. Aldinger's involvement has been concentrated in the geotechnical and geohydrological analysis and designs of these projects.

Dr. Aldinger was the Geotechnical Engineering Department Manager for the Maguire Group from 1973 to 1990. He provide technical guidance and managed a department consisting of 6 to 10 engineers and technicians engaged in the practice of geotechnical and geohydrological engineering analysis and design for numerous environmental, building, and marine projects. In 1990 he left Magure to start a geotechnical and geohydrological engineering firm which has grown to seven engineers and two technician which provide geotechnical, geohydrological and structural engineering expertise on a wide variety of projects for other engineering firms in the area.

Dr. Aldinger has provided the geotechnical analysis and design for numerous building projects including the following:

- **Rhode Island Department of Administration Building and Garage, Providence, RI:** Geotechnical analysis of this 238,000 s.f. office building with a 3-level, 600-car underground parking garage. Project involved a complete geotechnical investigation and report with consideration of impact on adjacent structures. Recommended slab on grade foundation. Limited site area resulted in a temporary support system with earth tiebacks to serve as an exterior form for the permanent foundation wall.
- **Quonset Pt/Davisville Wastewater Treatment Plant Upgrade:** Provided full geotechnical support services including Pile load testing and production pile driving inspection.
- **FDA Headquarters Laboratory Complex, Beltsville, MD:** Subsurface geotechnical investigation for multi-phased project including compressor foundations.
- **Visitors Information and Transportation Facility, Newport, RI:** Geotechnical analysis and design of concrete filled pipe pile and timber pile foundations.
- **T.F. Green Airport Terminal Building Expansion in Warwick, RI:** Geotechnical analysis and design of slab on grade foundation.
- **Four (4) 100,000 SF single story Super Stop & Shop Supermarkets** with related retail developments at existing and new locations. This required consideration of sequencing around the existing stores which will remain in operation. Considerable savings were realized by the use of innovative retaining walls in lieu of a conventional cast in place concrete retaining wall at these facilities. These facilities are located in Cranston, North Providence, Smithfield and Cumberland, RI.
- **A 78,000 SF Walmart retail facility** on a new site in North Kingstown, RI. This work included a full geotechnical investigation and construction monitoring. It also included a report of a geohydrological study dealing with a nitrate loading to a sole source aquifer.
- **A feasibility geotechnical investigation and budget estimate** for a 65,000 SF single story **Big Y Supermarket** with related retail development on the site of an existing retail facility in Worcester, MA.
- **A 110,000 SF retail facility (KMART)** on a new site in Warwick, RI. This work included a full geotechnical investigation and report as well as on-call construction monitoring.
- **9-Story Arcade Parking Garage, Providence, RI:** Geotechnical analysis and design requiring concrete filled shell piling support.

- **6-Story Harvard Square Parking Garage, Cambridge, MA:** Geotechnical analysis and design supported by concrete prestressed piles pre-augered and then driven through Boston Blue clay to glacial till and/or bedrock.

Dr. Aldinger's experience in waterfront development includes the geotechnical analysis and design for the following selected list of projects.

- **Newport Marine Terminal, Newport, Rhode Island** The ongoing project includes pier improvements at Perotti Park and at Fort Adams State Park. The piers will be used for the mooring of water shuttles as part of the Intermodal Transportation System improvements.
- **University of Rhode Island Pier, Narragansett, Rhode Island** Provided engineering analysis, design and monitored the driving of piles to support two new mooring dolphins for URI's research vessel, the Endeavor.
- **Barrington and Warren River Crossings, Barrington, Rhode Island.** Developed geotechnical engineering report and pile foundation design for temporary bridges subjected to cyclic lateral loads caused by current, ice, and centrifugal traffic forces. Designed and conducted pile installation monitoring of driving of test piles, conduct of a lateral load test pile program and production driving of piles on the Barrington and Warren Rivers.
- **Seafood Coop. Bulkhead, New Bedford, Massachusetts** Designed an anchored bulk head for fishing vessels in New Bedford. Due to the presence of shallow bedrock, it was necessary to install toe pins to secure to bulkhead sheeting from outward movement.
- **\$6.5 Million Municipal Wharf Port Expansion, Providence, RI:** Geotechnical analysis and design for port expansion and modification (underpinning) of an existing 600 l.f. granite gravity wall to allow deepening of the adjacent berth (using small diameter piling drilled through the seawall to a glacial till bearing stratum).
- **3 Million Ceremonial Pier and Ferry pier at India Point Park in Providence, RI.** This included a geotechnical analysis and design of these facilities.
- **\$30 Million Wharf and Ancillary Facilities, U.S. Navy, Guam:** Includes geotechnical analysis and design for these facilities.
- **\$3 Million Extension of the New Hampshire Port Authority Terminal, Portsmouth, NH.**
- **Newport Yachting Center, Newport, RI:** Bulkhead system with rock dowels at rockline and tiebacks for lateral support.

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- **Mooring Restaurant Bulkhead, Newport, RI:** Bulkhead system with rock dowels for lateral support at rockline.
 - **Newport Shipyard, Newport, RI:** Lateral transfer and bulkhead system.
 - **Waterfront Improvements, Port of Fall River, MA:** Feasibility study and preliminary design for proposed waterfront improvements resulting in the recommendation of system alternatives.
 - **India Point Park , Providence, RI:** Design of repairs to the seawall and slope along the waterfront.
 - **Waterfront Facilities, Virginia Beach & Newport News, VA:** Field investigations and geotechnical design of a bulkhead replacement at the City Marina and a new seawall in Virginia Beach, Virginia; a riprap slope for a marina and bulkhead and piling design for the Seafood Industrial Park in Newport News, VA.
 - **Buzzards Bay Marina, Buzzards Bay, MA:** Design of riprap slope and piling for the development of a marina in the expanded cove.
 - **Nantucket Ferry Terminal, Nantucket, Massachusetts** The reconstruction of this terminal involved the design of an anchored steel bulkhead, transfer bridge, and mooring dolphins.
 - **Wando Terminal, Charleston, South Carolina** Work on this project involved the preliminary design and feasibility of constructing a cargo terminal at a wetland site. Large dredge depths and high surcharge loads created the need for a wall with a high bending capacity. Concrete caissons, a pile supported deck, and large-diameter cylinder piles were evaluated.

Dr. Aldinger's Ph.D. dissertation involved the development of a computer program for the stochastic modeling (based on a statistical analysis of soil properties) and mass transport through simulated soil profiles which may assist in the solution of groundwater flow problems. This research emphasized the study of the influence of hydraulic conductivity on the results. The USGS computer program was modified to allow inclusion of the stochastic and mass transport features into the flow model. He also has full familiarity with the numerous computer programs available to assess the environmental and economic impacts of projects. Dr. Aldinger's project experience in this area includes the following:

- **Ladd Center Reuse, Exeter, RI**
Dr. Aldinger reviewed plans for the design of a 350 acre light industry and office development and then developed a geohydrological analysis of the effect of the

development on groundwater elevations, the potential for groundwater contamination and an estimate of the nitrate loading to the groundwater from Individual Septic Disposal Systems and storm water detention ponds from the proposed development which was to be located in a sensitive groundwater watershed.

- **Tipping Rock Housing Development, West Greenwich, RI**
Dr. Aldinger performed an investigation of the effect of pumping from proposed wells in this housing development on water levels and yields of adjacent existing wells. This work included a pumping test and analysis of data to estimate the safe yield of the aquifer.
- **Brushy Brook Country Club, Hopkinton, RI**
Dr. Aldinger conducted a study of the potential impacts on wetlands and an existing stream of the proposed use of water from newly constructed on-site ponds to satisfy irrigation needs for a proposed golf course. This work included a water balance analysis, including streamflow records and stream base flow analyses and a nitrate loading study.
- **Fairview Farms Golf Course, Harwinton, CT**
Dr. Aldinger conducted a study of the potential impacts on wetlands and nearby residential wells of the proposed use of surface water captured in newly constructed on-site ponds to satisfy irrigation needs for a proposed golf course. This work included a water balance analysis and testimony at public hearings.
- **Richmond Country Club, Richmond, RI**
Dr. Aldinger conducted a mounding study of the effluent from a septic system for a proposed new golf course clubhouse in Richmond, RI. The concern was the potential influence on a nearby wetlands.
- **West Allenton Estates, North Kingstown, RI**
Dr. Aldinger reviewed plans for the design of a 21 lot housing development and then developed an estimate of the nitrate loading to the groundwater from Individual Septic Disposal Systems and storm water detention ponds from the proposed development which was to be located in a sensitive groundwater watershed.
- **Swansea Country Club, Swansea, MA**
Dr. Aldinger conducted a study of the potential impacts on water levels of increased water use from an on-site pond to satisfy irrigation needs for an expanding golf course. This work included a water balance analysis and testimony at a public hearing.
- **Site Suitability Studies for Housing Proposed Developments in North Kingstown, RI**
Reviewed plans for the design of several multi-lot housing developments and then developed an estimate of the nitrate loading to the groundwater from Individual Septic Disposal Systems and detention ponds from the proposed developments in a sensitive

groundwater watershed.

■ **expert testimony**

Dr. Aldinger has been involved in preparation of and presentation of expert testimony on several projects. These have included testimony at a judicial hearing for Mass DEQE, at Public Hearings in Middletown, Portsmouth, North Kingstown and Tiverton, RI; investigation, submittal of deposition & court testimony in a Fed. Clean Water Act case, and some State Civil Court proceedings.

Dr. Aldinger's experience in several other areas are briefly described below:

- geotechnical aspects of numerous major highway designs, such as the Civic Center Interchange, Capitol Center and Memorial Blvd roadway, retaining walls and bridge developments in Providence, RI.
- geotechnical aspects of numerous airport construction projects, such as Green Airport Terminal modifications, Taxiways and Quonset Point Apron repairs.
- geotechnical investigation and design of Resource Recovery and Power Generation Facilities including the Hartford CT and Detroit, MI Resource Recovery plants, gas recovery power plant at Johnston RI and coal handling facilities at Brayton Point, MA.
- the geotechnical design and analysis for several wastewater treatment projects with the most recent being an on-going project at the Quonset Pt. WWT Plant in North Kingstown, RI. This includes pile driving observation, load testing and dewatering concerns.
- water development investigation and geotechnical design of facilities for municipalities and industrial parks such as water source development, distribution lines, reservoirs and tanks.

Dr. Aldinger has performed numerous environmental site assessments (ESA) for a variety of projects. These projects include an office facility in North Attleboro, MA (on two separate occasions); two separate sites for a proposed medical facility in Swansea, MA; a housing facility in Providence, RI; an industrial site in East Providence; a major commercial and retail development in Providence, RI; an existing factory in Pawtucket, RI; a former gasoline station at the Walnut Hill Post Office in Petersburg, VA; and an old factory to be used for housing in Central Falls, RI.

Dr. Aldinger's Ph.D. dissertation involved the development of a computer program for the stochastic modeling (based on a statistical analysis of soil properties) and mass transport through those simulated profiles which may assist in the solution of groundwater flow problems. This research emphasized the study of the influence of hydraulic conductivity on the results. The USGS computer program was modified to allow inclusion of the stochastic and mass transport features

into the flow model.

He also has full familiarity with the numerous computer programs available to assess the environmental and economic impacts of projects. Project experience in this area include the seepage study as part of the proposed Big River Reservoir, and contamination studies at a sedimentation pool in Mass, and leachate infiltration to a reservoir from a agricultural enterprise.

Dr. Aldinger has performed the design, analysis and regulatory concerns on numerous landfill projects. The most recent projects are Landfill Closing Plans for a City Landfill in Woburn, Ma., and an Assessment and Lateral Expansion for the Rogers Rd. Landfill in Norwich, CT. He has directed bi-monthly landfill inspections at Lunenburg, Methuen, and Medfield, Ma.

PUBLICATIONS :

Master's Thesis - "Geotechnical Properties of a Varved Clay Deposit" (1973).

Ph.D. Dissertation - "Groundwater Flow Simulation by a Stochastic Representation of Soil" (1983).

Aldinger, Paul B., "Effects of Variations in Hydraulic Conductivity (Permeability) On Flow Quantity and Dispersion", American Geophysical Union, Annual Spring Meeting Paper No. H32A-04, May 1985.

Aldinger, Paul B., Amenta, Sebastian, Carver, Paul, "Block Island, Rhode Island Water Supply Development", Third Annual Eastern Regional Groundwater Conference, NWWA, July 1986.

Mason, Christopher O., Aldinger, Paul B., Wright, Thomas E., Forkey, Beth, "Evaluating Private Well Contamination in Rhode Island", Third Annual Eastern Regional Groundwater Conference, NWWA, July 1986.

Stapleton, Daniel C., Aldinger, Paul B., Turner, G. Stuart, "Geotechnical Considerations in the Design of the Wando Terminal Wharf Extension - Charleston, South Carolina", ASCE Ports 86 Conference, May 1986.

Floyd, Drew, Aldinger, Paul B., "Load Testing of Steel Sheet Piling Driven with a Vibratory Hammer" Deep Foundations Institute, 14th Annual Members' Conference Preprint Volume, October 1989.

Floyd, Drew, Aldinger, Paul B., "Load Testing of Steel Sheet Piling Driven with a Vibratory Hammer", Transportation Research Board 69th Annual Meeting Paper No. 890752, January 1990.