

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

**In Re:**

REOPENING OF DOCKET 316 TO CONSIDER A	)	
NEW CINGULAR WIRELESS PCS, LLC (“AT&T”)	)	DOCKET NO. 316A
PROPOSAL TO MODIFY THE EXISTING TOWER	)	
AT 50 FAIRCHILD ROAD IN THE	)	June 14, 2011
CITY OF MIDDLETOWN, CONNECTICUT	)	

HEARING INFORMATION

SBA Towers II, Inc. (“SBA”) and New Cingular Wireless PCS, LLC (“AT&T”) submit the following hearing information to the State of Connecticut Siting Council in the captioned proceeding:

**Counsel**

Lucia Chiochio, Esq., Cuddy & Feder, for SBA and AT&T

**List of Witnesses**

1. Hollis Redding, SBA Network Services, Inc. (Certificate Holder)
2. John-Markus Pinard (AT&T Site Acquisition Consultant)
3. Michael T. Doiron (AT&T RF Engineering Consultant)
4. Peter M. Perkins, P.E., CHA

Resumes of each witness are attached.

**Documents to be Administratively Noticed**

**DOCKET NO. 316** - Optasite, Inc. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at 50 Fairchild Road in Middletown, Connecticut. (Findings of Fact), (Opinion), and (Decision and Order).

**Exhibits to be Offered**

AT&T will offer as exhibits the following:

1. AT&T Materials in Support of Reopened Docket 316A dated May 25, 2011;
2. Cuddy & Feder letter dated June 8, 2011 in response to Council on Environmental Quality comments.

AT&T reserves the right to offer additional exhibits, testimony, witnesses and administratively noticed materials as may be necessary during the hearing process.

CERTIFICATE OF SERVICE

I hereby certify that on this day, a copy of the foregoing was sent by electronic mail and overnight mail to the Connecticut Siting Council and:

Diane Whitney, Esq.,  
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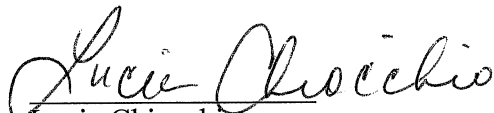
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Dated: June 14, 2011

  
Lucia Chiochio

cc: Michele Briggs, AT&T  
David Vivian, SAI

# Hollis M. Redding

39 West View Drive  
Meriden, CT 06450

Mobile (203) 464-3623 hollis\_m\_redding@sbcglobal.net

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## QUALIFICATIONS PROFILE

*Proven Site Acquisition and Marketing professional with over fifteen years of wireless communications experience.*

- Master of Business Administration
- Site Acquisition, Zoning, Marketing & Customer Service Experience
- Strong Communication and Negotiation Skills
- Excellent Relationships within the Telecom Industry

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## EXPERIENCE

### **SBA Communications, Westborough, MA**

**2001 – Present**

*Wireless infrastructure solutions provider that has served the wireless community since 1989. SBA is a leading independent owner and operator of wireless communication infrastructures across North America. The company offers a full scope of site leasing and site development services, site acquisition, zoning/permitting, cell site installation and tower construction services to wireless carriers throughout the country.*

#### Site Acquisition/Zoning Specialist

*Responsible for the identification of potential cell site locations and the negotiation of favorable lease agreements.*

- Provided site acquisition and zoning expertise for AT&T, T-Mobile and Northcoast.
- Coordinated site visits with construction, engineering, legal, A&E firms and property owners to determine feasibility and location of new wireless communication facilities.
- Prepared various zoning and building permit applications for filing with local government agencies.
- Negotiated favorable lease terms for clients.
- Attended various zoning hearings when needed.

### **Southern New England Telecommunications-SBC/Cingular**

**1986-2001**

*SBC is a Fortune 500 company serving more than 54 million access line customers in 13 states and providing wireless services to more than 24 million customers in 43 of the top 50 markets. SBC companies provide voice and data telecommunication products and services for consumers and businesses including: local, long distance, DSL, wireless, data networks and satellite television.*

#### Specialist-Real Estate and Liaison (1997-2001)

*Provided site acquisition and zoning expertise for the SNET Mobility/Cingular network.*

- Determined potential new cell site locations.
- Negotiated with property, tower and building owners for lease agreements.
- Coordinated co-location of SNET Wireless' owned towers for use by other carriers.
- Prepared applications to CT Siting Council and local government agencies.
- Acted as liaison for property, tower and building owners for inquiries.

#### Analyst-Real Estate (1996-1997)

*Contract administrator for all lease agreements and provided support to Director of Real Estate when required.*

- Contract administrator with responsibility for over 200 capital lease agreements.
- Reviewed and updated lease payments on monthly basis.
- Recorded lease agreements, easements and contracts in appropriate municipal and county records.
- Coordinated property surveys, appraisals and title searches.

**Staff Associate-Marketing Communications (1994-1996)**

*Reported to Director of Marketing. Provided support for all aspects for marketing communications department-wireless.*

- Coordinated and organized arrangements for trade shows, special events, local sponsorships and corporate donations.
- Created sales promotional materials and customer communication flyers for new sales promotions, bill inserts, etc.
- Managed inventory of collateral material and co-op advertising program. Updated collateral material as needed and ordered supplies for customer service, sales and distributors.
- Interacted with SNET sales force and outside distributors to ensure that they had sufficient supply of collateral materials, promotional flyers and give-a-ways for new and existing customers.

**Telemarketing Sales Specialist/SNET Consumer Sales Specialist (1992-1994)**

*Proven top sales performer and customer service representative for cellular division.*

- Provided quality customer service to embedded base of more than 100,000 wireless mobile phone customers.
- Extensive contact with external distribution channels.
- Sold telephone equipment and enhanced features.
- Performed among the top monthly sales achievers.

**Consumer Services-Customer Clerk (1986-1992)**

*Demonstrated excellent customer service skills to SNET business and residential customers.*

- Quoted rates and services to new business and residential customers.
- Handled billing payments and inquiries.
- Interfaced with numerous SNET Departments in investigating and problem solving customer queries.

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**EDUCATION**

University of New Haven, New Haven, CT  
**Master of Business Administration, 1990**

Southern Connecticut State University, Hamden, CT  
**Bachelor of Science-Marketing, 1984**

# John-Markus Pinard

960 Turnpike Street, Suite 28 ■ Canton, MA 02021 ■ 508.667.0363 ■ jmpinard@clinellc.com

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## Education

**College of the Holy Cross, Worcester, MA**  
Bachelor of Arts, Economics  
Pre-Business Program Member

May 2007

## Professional Experience

**Centerline Communications LLC, Canton, MA**  
*Site Acquisition Lead, Project Manager*

June 2010 - Present

- Manage assigned projects to completion, ensuring that all activities, including site acquisition, regulatory, construction, and permitting are coordinated and completed on time and within budget.
- Responsible for site acquisition and zoning activities on projects such as AT&T LTE, Clearwire Network Deployment, and T-Mobile 2G/UMTS throughout New England.
- Directly accountable for performance of site acquisition scopes and timelines as well as all stages of site acquisition from search ring identification to construction start.

**Centerline Communications LLC, Canton, MA**  
*Site Acquisition Consultant*

December 2008 – June 2010

- Responsible for site acquisition, lease negotiation, zoning, permitting and preconstruction activities in the ME, VT, NH, MA, RI, CT and NY markets.
- Assisted with preparation of land use entitlement applications and presentations before governmental and architectural review boards.
- Negotiate long term land leases including all language changes, business terms and duration of contracts to the accepted standards of clients

**Cintas Corporation, Chelmsford, MA**  
*Management Training Program*

July 2007 – December 2008

- Participated in an extensive, well-structured training program, designed to provide a strong knowledge of all aspects of a business.
- The Program combined a series of rotations in various departments and classroom seminars, with the purpose of preparing participants for a management role.

## Intercollegiate Athletics & Activities

**Holy Cross Varsity Football (NCAA Division 1-AA)**

2003 - 2007

All Patriot League 2<sup>nd</sup> Team Defense 2007 & Davitt Award Winner – Best Defensive Lineman 2007

**Big Brother/Big Sister, Worcester, MA**

2003 – 2007

**Executive Leadership Workshop, Worcester, MA**

March 2007

**MICHAEL T. DOIRON**  
260 Cedar Hill Street  
Marlborough, MA 01752  
[mike.doiron@sai-comm.com](mailto:mike.doiron@sai-comm.com)  
(508) 308-2098

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**EXPERIENCE:**

November 2009 - Present

**SAI Communications**

**Director, Engineering & Technical Services**

**Marlborough, MA**

- Direct all Engineering activities necessary to support new network builds and expansions, including but not limited to: Site search area development, RF Propagation and interconnect analysis, candidate evaluation and prioritization, field testing, zoning support, RF Design & Engineering, Microwave/Backhaul Design & Engineering, equipment selection and configuration.
- Accountable for strategic planning, design and implementation of network infrastructure and all supporting documentation.
- Oversee Engineering staff and related projects ensuring departmental and customer planned objectives, policies, budget and schedule goals are achieved.
- Responsible for hiring, developing, managing and motivating technical staff and supporting organizations.
- Create and manage yearly budgets ensuring all expenditures are kept within spending limits while improving operational efficiencies.
- Evaluate evolving wireless technologies and solutions as well as work with customers in defining standards and processes for implementation.
- Hands on manager capable of providing additional support, as required, keeping project deliverables on track.
- Support all interdepartmental requirements in various technical and construction related projects.
- Effectively communicate project needs and expectations across all functional organizations and confront issues openly, quickly and tactfully.
- Represent organization as leading internal and external contact on matters of responsibility within the business area.
- Participate in strategic planning and business development activities for growth including definition and planning of next generation products and services.

January 2007 - August 2009

**AT&T Mobility – New England Market**

**Sr. Manager – UMTS Deployment Project  
New England Market**

**Bolton, MA**

- Managed the day-to-day operational and tactical aspects of large scale UMTS deployments.
- Oversight of managers in ensuring lessons learned are applied and best practices are met with high standards and deliverables across project.
- Implemented daily reviews for quality assurance procedures in accordance with methodology to guarantee successful execution in meeting goals and customer satisfaction.
- Effectively communicated project needs and expectations across all functional organizations and confront issues openly, quickly and tactfully.
- Minimized exposure and risks across project as well as mitigate potential jeopardy's.
- Determined appropriate costs as well as pay-points, ensuring accurate invoicing and monitor receivables for all aspects of UMTS deployment.
- Analyzed budget expenditures and make certain all payables are in line with expectations, margins, and utilization across project as well as address elevated billing issues as they arise.
- Presented project status to executive branches as well as provide overview of budgetary standings.

June 2004 - December 2006

**AT&T Mobility – New England Market**

**Manager - RF Engineering Design & Technical Support**

- Effectively managed the RF Design and Technical Support staff through critical corporate project mandates.

- Successfully integrated the AT&T network in adding a new MSC, 12 BSC's and over 600 additional cell sites.
- Launched UMTS in the Greater Boston and Providence, RI areas totaling over 500 cell sites.
- Demonstrated the leadership and technical support in dual-banding over 350 cell sites for 850 and 1900 combining schemes.
- Directed all planning, scheduling and documentation development for project trackers used within daily and weekly meetings.
- Responsible for all site expansion requirements to ensure optimal network performance along with increased revenue potential.
- Accountable for strategic planning and future development of network build plans in addition to presenting all details to executive teams for capital approval.
- Create and manage yearly budgets ensuring all expenditures are kept within spending limits while improving operational efficiencies.

October 2001 - **Cingular Wireless – New England Market**  
June 2004 **Manager - RF Engineering Design**

- Managed the RF Design staff and related projects to meet network growth objectives, department goals, as well as budget and schedule constraints.
- Oversee all RF design activities necessary to support the acquisition of new cell sites, including search area development, candidate evaluation and prioritization, field testing, zoning hearing support, equipment selection and configuration.
- Directed usage forecasting activities, monitor trends, develop new tools and prepare periodic reports for senior management.
- Evaluated new technologies and solutions for RF design challenges and support their integration into the existing wireless network. Defined standards and processes for RF design activities.
- Provided consulting services to Corporate Account Sales, offering technical input to RFP's and other account maintenance activities.

January 1999 - **Cingular Wireless – New England Market**  
October 2001 **Manager - Transport Systems Engineering & FCC Licensing**

- Accountable for the overall planning, design, licensing and implementation of the microwave transport network and all licensing associated for the cellular facilities.
- Responsible for hiring, managing and the development of the Transport Engineering and FCC licensing groups.
- Successfully maintained high performance in network reliability, providing the highest quality of service to our customers.
- Supported all interdepartmental requirements in various technical and construction related projects.
- Formulated short and long range budgetary expenditures for projected network expansion and departmental needs.
- Identified, evaluated and integrated new vendors and products in keeping the network efficient and up-to-date with the latest technologies.
- Testify at zoning hearings or other forums to represent Network Engineering proposals.
- Established departmental objectives, policies and plans.

January 1993 - **Cellular One – New England Market**  
January 1999 **Transport Systems Engineer**

- Supervised engineering staff and administrative assistant.
- Responsible for the development, design, licensing and implementation of the Transport Network, interconnecting the MSC's to all cell sites. Network consists of Digital microwave radio, Fiber Optics and Leased T3 and T1 facilities.
- Formulated the long range planning for the Transport Network to ensure that it continuously maintained appropriate reliability and capacity.
- Successfully managed the selection and design of cell site interconnect; as well as the negotiating and purchasing of equipment; and the hiring of tower crews for system build-out.
- Accountable for the FCC, FAA licensing and DPH filings for the microwave and cellular facilities.
- Created and updated documentation on the Network infrastructure.



January 1989 -  
January 1993

**Cellular One – New England Market  
Microwave Systems Engineer**

- Utilized topographic maps and computerized terrain database for microwave path design studies.
- Performed field surveys for the determination of microwave path feasibility studies.
- Created and organized microwave profile packages of detailed cell site and design information, including all accountability for Engineering Work Orders.
- Prepared FCC and FAA licenses for microwave systems and tower locations respectively.
- Used Orcad and Autocad for system interconnect diagrams, cell site buildings and floor plans.
- Responsible for the design and licensing of digital microwave radio systems in the 2, 6, 10, 11, 18 and 23 GHz frequency bands.
- Accountable for site and equipment selection; frequency design, planning and selection; antenna size, type and centerline determination; cable type and length; obstruction and reflection analysis; propagation and reliability studies.
- Implemented Network Support Systems for remote monitoring and troubleshooting purposes.
- Acted as liaison between engineering and technicians in implementing engineering work orders.

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**EDUCATION:**

**NORTHEASTERN UNIVERSITY**

June 1992

Bachelor of Science in Electrical Engineering  
HONORS: Dean's List

Class of 1992

June 1997

Communication Systems Management Certificate - GPA: 3.8

**RECOGNITION**

**AWARDS:**

May 2004

***Cingular Wireless Operations All Star - Recognition Award from leadership team***  
*Award was received for "Project Management & Planning Excellence".*

June 2006

**RF Engineering Excellence - Team Award**  
*Award was received for "RF Engineering & Planning Excellence", for Integration project.*

March 2007

**Key Contributor Award: 2006 Integration & UMTS project contributions**

**CONTINUED  
EDUCATION:**

UMTS Networks

Ericsson

Bolton, MA

GSM Networks

Nokia

Bolton, MA

Management Skills

Worcester Polytech Institute

Boston, MA

Manager's Camp

Learning Edge

Westwood, MA

Communicating and Listening

Learning Edge

Westwood, MA

Presentation Skills

Learning Edge

Westwood, MA

Microwave Systems Engineering

George Washington University

Washington, DC

MDR-4000s SONET Radio

Alcatel Network Systems

Reston, TX

Wireless Network Workshop

Alcatel Network Systems

Orlando, FL

FCC/FAA Seminar

Southwestern Bell

Dallas, TX

## Education

University of Connecticut, CT/B.S. Civil Engineering/1986

## Professional

### Registration and Activities

P.E.-CT, MA, ME, NH  
Notary Public-CT  
National Society of Professional Engineers  
American Railway Engineering & Maintenance-of-Way Assoc.  
Precast/Prestressed Concrete Institute

## Peter M. Perkins, P.E. Project Manager

Mr. Perkins has over 23 years of project management and structural engineering experience over a wide array of structural systems including buildings, sign supports, antennae towers and bridges. His experience encompasses survey, inspection, design, plan preparation and construction conflict resolution. He is the Senior Structural Engineer overseeing all structural projects in the New England region. Representative project experience includes:

**Wireless Structural Supervisor.** Manager of all structural engineering for the installation and modification of towers, antennae, shelters, and equipment cabinets installed in buildings, and on grade slabs. Sample clients and projects include:

- VoiceStream-Over 200 raw land and building mounted sites across Connecticut and western NY
- Verizon Wireless-Engineering for over 300 sites across the east coast
- Nextel-Over 200 concealed roof to site in Florida and across the east coast
- Crown Castle- Over 300 cEII tower analysis country wide
- Velocitel-Over 50 sites through the Virginia and Maryland markets
- Southeast Towers-Engineering services for new telecommunications towers in Georgia market.
- Cellular One-Over 150 cell sites for the 2005 to 2006 network build out
- JNS Enterprises-19 cell tower analyses
- Sprint PCS- Structural design related to the development of over 220 new base stations throughout Northeast and Southeastern United States
- Cingular-UMTS Project Rhode Island
- nTelos-Analysis of 12 cell towers in Virginia
- Wild Blue-12 10-meter Satellite dish installations
- MCF Communications-Design and permitting of over 15 Connecticut sites
- National Grid-Transmission tower antennae mounts
- T-Mobile-Hundreds of roof top and tower analyses across New Hampshire, Long Island, Connecticut, and Virginia

**NHDOT, Spaulding Turnpike.** Manager of structural engineering for the design of eight new bridges, six bridge rehabilitations, and three retaining walls. Responsible for the development of alternative studies and construction costs analysis. Responsible for constructability reviews and the coordination of stage construction across eight construction contracts.

**NHDOT, Nashua-Hudson Circumferential Highway, Nashua, NH.** Engineer involved with all aspects of preliminary and final design of twenty steel plate girder bridges. Structures included a 247 FT curved girder bridge in an urban interchange with Route 3A, a 172 FT span on a 55 degree skew over Route 111, Two crossings of the Merrimack river, and several bridges over local roads. Worked with project manager on developing and implementing design procedures to be followed by structural engineers. Responsible for initiating and implementing a program for the development of bridge drawings on CAD.

**NHDOT, BR137/116 Kingston Road over B&M Railroad.** Senior Structural Engineer for the replacement of Kingston Road over B&M Railroad. Mr. Perkins was responsible for braced excavation design to maintain the track during construction, and overseeing the design of a 60 ft, low profile, steel beam and concrete deck bridge on cantilever abutment and wingwalls.

**ConnDOT, On-Call Railroad Engineering and Construction Services.** Project Manager for the three-year project involving condition inspection, structural design and construction inspection of on-system and off-system bridges. Assignments included

- Condition inspection of over 200 bridges per year
- Development and maintenance of a prioritized repair program
- Detailed structural analysis of complex truss and masonry arch structures

- Engineering feasibility studies for several bridges

Mr. Perkins managed the preparation of hydraulic studies, environmental permits, geophysical studies using seismic refraction to determine depth to bedrock and dispersive wave analysis to determine bottom of foot elevations. He also provided services to the Department for scour evaluation and emergency repair plans, and construction inspection.

***CP Rail CAMA Bridge at MP97.76 over Charter Brook.*** Lead Design Engineer for this fast track project to replace a deficient single span bridge. He designed a precast box culvert to be placed between the abutments without removing the tracks from service, maximized the use of prefabricated components to reduce construction duration, and prepared contract drawings and bid package in less than one month. The design allowed the superstructure to be removed during a short term track outage and the existing substructure was buried in place.

***RIDOT, Point Street Bridge.*** Project Engineer responsible for rehabilitation design and plan preparation for historic 282 ft swing span truss bridge and 140 ft of approach spans, over the Providence River. Tasks included inspection, rating, and presentation of replacement/rehabilitation alternatives including the feasibility of restoring moveable operations. Mr. Perkins prepared plans for rehabilitation that would not preclude restoring moveable operations and designed a light weight flexible deck, and architectural restoration of operator's house.

***Town of Pomfret, Covell Road Bridge over Mashomoquet Brook.*** Project Manager for the Connecticut local bridge project using Federal funds for the replacement of this rural road. The existing bridge consisted of a steel beam superstructure on stone abutments. He provided the cost effective solution of a precast, three sided culvert to replace the existing bridge. The three sided structure allowed CHA to retain the natural bottom of brook to meet Connecticut Fisheries and DEP requirements while providing a low maintenance structure for the Town. The precast elements also allowed rapid construction, minimizing the duration of road closure.

***Town of Fairfield, Merritt Street Bridge over Horse Tavern Brook.*** Project Manager for the Connecticut local bridge project using Federal funds for the replacement of this urban local road. The existing bridge consisted of a two span concrete slab superstructure on stone abutments. Mr. Perkins provided the cost effective solution of a single span precast, three sided culvert to replace the existing bridge. The three sided structure allowed CHA to increase the hydraulic opening and retain the natural bottom of brook to satisfy DEP flood management, and Connecticut Fisheries requirements while providing a low maintenance structure for the Town. The precast elements also allowed rapid construction, minimizing the duration of road closure. Form liners were used on the parapet walls to provide an aesthetically pleasing stone look to the bridge.

***Massachusetts Highway Department, Route 141 over Chicopee River.*** Project Manager for this corridor widening and bridge replacement project. The project site is located in a densely developed, highly traveled section of Route 141 and includes reconstruction of 1000 ft of Route 141 between two intersections and replacement of the 382 ft, four span bridge. The road will consist of widening from four-10 ft lanes to five 12 ft lanes with 5 ft shoulders. Part of the project included obtaining public input from the many local businesses along the corridor and a public awareness campaign for bridge closure times.

***Borough of Naugatuck, Rubber Avenue & Rubber Avenue Extension Bridges.*** Project Manager for the \$2 million superstructure replacement of the 40 ft Rubber Avenue Bridge and the complete off-line replacement of the 50 ft Rubber Avenue Extension Bridge. Both bridges were designed and constructed under the CT local bridge program using state funds. Mr. Perkins was responsible for the securing right-of-way, obtaining project buy-in from environmental agencies and building public support for expenditure of Town funds. He also solicited input from concerned parties, prepared display graphics, attended informational meetings, gave public presentations and responded to inquiries.