

VoiceStream Wireless Network



Client: VoiceStream Wireless Services

Project Location: New York / New Jersey

OmniPoint Communications, a subsidiary of Voice Stream Wireless embarked on an ambitious campaign to increase cellular coverage throughout the New York/New Jersey metro area and to increase system capacity. This initiative included the erection of new sites as well as the augmentation and upgrading of existing sites, affecting several hundred cellular transmission locations on a fast track schedule of only a few months. GPI was contracted by Voice Stream to provide mechanical, electrical, and structural engineering services in support of this ambitious, \$4.8-million program.

The scope of work includes site surveys, evaluations and inspections, the preparation of lease exhibits, the preparation of zoning documents, support of the zoning process with expert testimony and zoning board hearing support, development of construction documents, creation of as-builts drawings, cellular site cost estimates, bid evaluations, telephone and power service review and coordination, and antenna and tower stress analysis. In New York City, GPI also managed the permitting process.

Additional tasks included construction management support, completion inspection, punch list development and closeout coordination.