Crown Castle
16-16 Whitestone Expressway
Whitestone, NY 11357

TO: Mayor Sack and Members of the City Council

FROM: Crown Castle

DATE: April 19, 2017

RE: Supplemental Submission – Crown Castle
Rye New York DAS Expansion

This Supplemental Submission is made in furtherance of the Crown Castle NG East LLC ("Crown") application currently pending before the City Council. Crown is supplying additional information in support of its application pursuant to the 2011 consent resolution and February 11, 2011 right of way use agreement between the parties ("RUA").

The City Has Not Required Utilities to Obtain City Code Permits for ROW Infrastructure

Crown previously filed a Freedom of Information ("FOIL") request with the City seeking information on any consent resolutions, agreements and/or franchises and copies of any permits issued for infrastructure in public rights of way for various services provided by cable, fiber to the home ("FTTH"), incumbent local exchange carrier ("ILEC") or the electric distribution company. The City provided Crown with agreements for one cable and one FTTH franchisee and no documentation for the ILEC or electric company. The cable company's franchise agreement, that does not specifically address WiFi deployments, has been the basis for such deployments throughout the City of Rye along with other smart metering transmitting equipment by the electric utility and without the requirement for any permits under Chapters 167, 196 or other City Code Sections.

City Interpretation That Crown's RUA Approved Equipment is Exempt from Chapter 196 and Requires No Other City Code Permits

In 2011 and days after execution of the RUA by the City, Crown's predecessor in interest obtained two County of Westchester issued permits for installations on structures in County owned public rights of way. Copies of such permits dated February 25, 2011 are attached in attachment 1. On page four of each permit, the City Engineer for the City of Rye signed and certified the County permit form that: "approval and consent to grant the permit is hereby given by the duly authorized municipal representative."

Approval and consent to grant the permit is hereby given by the duly authorized municipal representative.

George Mottarella City Engineer City of Rye 2-23-11 20...
Name and Title Municipality Date

(To be executed by Contractor, if road is under construction)

The City Engineer's certification and approval of the County permit forms in 2011 was done in accordance with the City Council's 2011 consent resolution and the RUA and long standing interpretation that Crown's RUA approved equipment requires no City Code permits under Chapter 167, 196 or other City Code Sections.

Crown Further Evaluation of Tower Alternatives

Our outside counsel at Cuddy & Feder provided the City Council with a December 1, 2016 legal analysis of various alternatives suggested by the public as part of opposition to Crown's DAS Expansion plans. We do not believe applicable federal, state or City of Rye laws or the RUA require Crown to evaluate alternatives out of the right of way as part of obtaining permits. Crown has, however, further evaluated certain aspects of the public opposition's tower plan and other purported alternatives to the proposed DAS Expansion plans. Crown provides the following additional information in support of its pending application even though Crown has not been directly requested to do so by the City Council as part of the administrative proceeding.

1. Greenwood Union Cemetery

Greenwood Union Cemetery would be a large tower site. In the absence of a specific basis to deny some of the nodes in Crown's DAS expansion plans in this area of Rye, it is not something Crown is interested in pursuing as an alternative. In addition to a lease on reasonable terms and conditions, our outside counsel advises us that numerous other New York State agency and City discretionary approvals would be required including NYS Cemetery Review Board approval and a City Council Special Permit under Chapter 196, applications which may be opposed by state officials, the City Council and/or residents of Rye.

2. City Owned Rye Golf Club

Crown visited the Rye Golf Club on Tuesday April 11th to evaluate wood poles that exist and support netting along the 5th hole. Various comments from the Crown evaluation team included:

- At the moment, the wood poles holding the netting are about 40-45 ft. AGL, and the Rye Golf Club GM said the idea of increasing the height of the poles to 100+ ft. has been proposed for over a year but there has been vocal resident complaints against that proposal from those that own houses right behind these poles.

- These poles are behind residential homes – photos included in attachment 2.

- Exact coverage area that this location would provide is hard to predict without a CW Test, but looking at the node locations at the current height it is believed it could replace one(ODAS_WEST_N258) or possibly two(ODAS_WEST_N280) of the proposed nodes. There is clutter in the sightline, such as foliage, homes, and trees. This would need to be confirmed with an actual CW Test.

- The Rye Golf Club GM said golf balls do hit the actual poles and he said the speed of the golf balls at this location would generally be in excess of 90+mph. Crown is concerned about the impact of golf balls hitting the shroud, coax, fiber, and antenna, especially the antenna. Even one of the golf balls striking the DAS equipment could cause damage and cause network issues and require replacement.

- The Crown Castle Operations Team would need access to the pole every year for required preventative maintenance and it did not see any feasible way for a bucket truck to get to the pole. Ingress/Egress for equipment including bucket trucks is not available at this location. There is no paved area that can accommodate bucket trucks for construction and for operations trucks as required for maintenance.

- Access would be an issue, and Crown does not believe it could secure 24/7 access as required by operations for PM, service of outages, etc.

- Power and backhaul would have to be run approximately 350 ft between two homes with a high cost of excavation – the cost to trench and install conduit and hand holes for access and any restorative work for the golf course roughs and homeowners properties would be very high compared to street nodes.

- Disruption to golf course – the duration for construction would be greater than street nodes and cause a likely unwanted disruption to the golf course in addition to disruptions for maintenance. Hole 5 would have to be closed down every time Crown was on site.

3. County Structures – Playland Parkway

Crown's April 2016 submission includes one proposed node location that is a County owned light pole along Playland Parkway. The utility trenching required in adjacent City owned streets for new utilities was cited as objectionable by the City as part of that initial plan. Subsequent evaluation of various alternatives included discussions between Crown and County DPW officials. Crown was verbally advised that County structures or new

Crown structures along Playland Parkway would not be made available to Crown under the County's typical permit process at this time. Crown notes that Playland Parkway is part of the "park" designation.

Crown Installations in Adjacent Town of Harrison

Crown previously supplied the City of Rye with a copy of its right of way use agreement approved by the Town of Harrison Town Board. Crown recently installed various DAS nodes on utility poles in Harrison, an adjoining community, and without the requirement for zoning or special "wireless" permits under the Town's laws. Crown's installations are consistent with its existing and proposed installations in Rye and include some of the larger equipment cabients. Representative photographs are included in attachment 3.

Attachment 1

NYD6386

-------- C. Copy ---------- C. Copy ---------- C. Copy ---------- C. Copy ----------

27-5

Original - White
Duplicate Original - Canary
Triplicate Original - Blue

County of Westchester
Department of Public Works
148 Martine Ave., Rm. 522
White Plains, New York 10601

Application No. 11020
Co. Road No. 147
Date 2/25/11

DO NOT WRITE IN THIS SPACE
GRANTED
COUNTY OF WESTCHESTER
DIV. OF ROAD MAINTENANCE
DATE: 2/25/11
FEE : $ 400.00
DEPOSIT: $ —
BOND : $ —
TOTAL : $ 400.00
MRM
PERMIT AGENT 78 Ma 3-3591

APPLICATION FOR PERMIT TO DO WORK ON AND WITHIN A COUNTY ROAD AREA

(To be Executed in Triplicate)

To the County of Westchester
Department of Public Works:

Application is hereby made for permission, under the Westchester County Administrative Code, to enter upon, construct, or open a road constructed or improved on the County Road System of Westchester County as follows:

1. Applicant NextG Networks of NY, Inc
2. Address 131-05 14th Avenue, College Point, NY 11356 Phone
3. Name of Road Playland Access Drive, Rye (Name) (Municipality) Co. Rd. No. 147
4. Location on Road Playland Access Drive, west side of street on 3rd pole north of Old Post Road
5. Maximum size of opening allowed ..... Depth .....
6. Work to be started As soon as possible To be completed .....
7. Is pavement to be disturbed? NO If so, what type .....
8. Purpose of Application Installation of Distributed Antenna System (DAS) equipment and antenna on an existing utility pole
9. Attach 3 copies of a sketch showing location of work, size of openings, and giving distance to nearest street intersection.
10. State Owner for whom work is being performed:

NextG Networks of NY, Inc 131-05 14th Avenue, College Point, NY 11356
(Owner) (Address)

STATE OF NEW YORK
COUNTY OF Westchester SS.:

John Cavaliere being duly sworn, deposes and says that he is Manager of Government Relations of the Permittee herein named; that all insurance required by the New York State Workmen's Compensation and Disability Laws has been secured, and the provisions of said Laws will be applied with during the life of this permit, until he has fully and completely complied with all the terms and provisions of the provisions of the aforesaid Laws.

If permit is granted, I hereby agree to comply with all terms, covenants and conditions hereinafter set forth which are attached to and form part of the permit, and to restore the road to its original condition, in accordance therewith.

Sworn to before me this 14th day of February 20 11

Notary Public, County of Kings

JOSHUA S. TRAUNER
Notary Public-State of New York
No. 02TR6166991
Qualified in Kings County
My Commission Expires May 29, 2011

Applicant's Signature & Title

THE PERMIT WILL BE GRANTED SUBJECT TO THE FOLLOWING TERMS, COVENANTS AND CONDITIONS

All applicants for County Permits shall file with the Permit Agent, 148 Martine Ave., - Rm. 522, White Plains, New York, New York State Workmen's Compensation Board Standard Forms C-105.2 and DB-120.1 as proof of compliance with the Workmen's Compensation and Disability Benefits Laws.

If an applicant or holder of a permit represents that he is not required to carry either a Workmen's Compensation policy or a Disability Benefits policy or both, New York State Workmen's Compensation Board Standard Form C-105.21, in duplicate, shall be filed with the Permit Agent.

Section 57 of the Workmen's Compensation Law and Section 220, Subdivision 8 of the Disability Benefits Law provide that a permit shall not be issued unless the above prerequisites are satisfied.

(Over)

This permit shall continue in force for a period of Twelve(12) months subsequent to the date of issuance as stamped thereon. The permittee shall contact the issuing authority for authorization of extension time beyond the one year restricted period.

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(1) The term "Commissioner" shall mean the Commissioner of Public Works of the County of Westchester or his authorized representative.

(2) The term "Permittee" shall mean the party obtaining the permit or his or its duly authorized agents or representatives, and must be the person , firm, corporation, district, or municipality actually performing the work.

(3) The permit shall not be assigned or transferred except upon the written consent of the Commissioner.

(4) The work authorized by the permit shall be done to the complete satisfaction of the Commissioner. In replacement of pavements, the Standard County Specifications therefor shall be followed as more particularly set forth in Section 4 hereof.

(5) Written notice except in emergencies shall be given by said Permittee to the Commissioner at least forty-eight (48) hours in advance of the date when the work of construction is to commence.

(6) The Permittee shall indemnify and save harmless the County, local municipality and improvement district from all claims, liens, suits, loss or damage of every kind whatsoever, whether direct or indirect , which may arise by reason of the granting of this permit.

(7) The Permittee agrees, in consideration of the granting of the permit, that any present or future damage, injury to or disturbance of the highway, its pavements, slopes or gutters, caused by placing of any structures pursuant to the terms of the permit, shall be immediately repaired by the Permittee at his or its own expense and to the satisfaction of the Commissioner.

(8) The Permittee agrees to pay all necessary expenses that may be incurred by the County in connection with the work to be done under the permit, which payment shall be made within ten (10) days after the sending of a statement of expenses as certified by the Commissioner and, if not paid by the Permittee, the said expenses shall be deducted from the deposit as herein otherwise provided for. Where work of an extensive or difficult nature is involved, the Permittee may be required to pay the costs of a full or part time Inspector to be designated by the Commissioner to inspect the work for the purpose of protecting the County's interest.

(9) In case the final pavement has not been placed when opening is made, where the road improvement is under contract, the Permittee agrees to reimburse the road contractor for such additional costs of reinforcing steel in pavement, when placed , as are required by the Commissioner.

(10) The Commissioner reserves the right to revoke or cancel the permit at any time should the Permittee fail to comply with say of the terms, agreements, covenants and conditions thereof.

(11) A fully executed copy of this permit must be in possession of the parties actually doing the work. It must be exhibited on demand to the Commissioner or his representative.

(12) The permit does not grant permission for connections to water or sewer mains, etc. Such permits must be obtained from the local municipality or improvement district prior to and in addition to permit for street openings applied for herewith.

(13) Vehicular traffic shall be maintained on any section of the road disturbed by the Permittee at all times during the term of this permit.

(14) The contractor assumes all risks in the operation covered by the permit and shall be solely responsible and answerable in damages for all accidents or injuries to person or property of whatsoever kind and nature, whether direct or indirect, arising out of any operations under the permit, even though said accidents or injuries to person or property are or may be due, in whole or in part, to the County of Westchester, its agents, servants or employees.

SECTION 4. THE WORK TO BE DONE AND PERFORMED PURSUANT TO THE PERMIT SHALL BE DONE ACCORDING TO THE FOLLOWING SPECIFICATIONS AND CONDITIONS:

(1) All locations and time of performing the work shall be approved by the Commissioner.

(2) The Permittee shall arrange his or its work so as to cause a minimum of inconvenience and delay to vehicular traffic. The Commissioner reserves the right to order the removal of any and/or all obstructions to traffic on Saturdays, Sundays, Holidays and other periods of unusually heavy traffic volumes. The permittee shall erect and maintain suitable barricades to adequately delineate and protect the site during and in which his or its work is in progress. Warning flags, signs, flashing yellow lights and watchmen shall be provided as necessary. Excavated material should be stored in neat piles, so placed as to cause the least interference with the use of the roadway or sidewalks. Where the free flow of traffic is interfered with, the permittee shall place and maintain traffic control devices pursuant to provisions of sections 1680 and 1682 of the New York State Vehicle and Traffic Law. All traffic control associated with maintenance, repair, and construction, within the highway limits, shall be carried out in accordance with standards set forth in the New York State Manual of Uniform Traffic Control Devices, latest revision. The Commissioner reserves the right to order the correction of any unsafe condition and the installation of additional signs, lights or other traffic control devices.

(3) Unless otherwise permitted, tight sheathing at least two (2) inches in thickness shall be placed in all trenches having a depth in excess of four (4) feet and within three (3) feet of any pavement or other highway structure which is proposed to remain in place except where excavation is in rock. Sheathing shall be securely fastened in place with whalers and braces during all operations and shall be driven to a depth one (1) foot below the lowest part of the structure proposed to be installed as the excavation progresses. In all such excavations having a depth in excess of six (6) feet, such sheathing shall be left in place with a cutoff line eighteen (18) inches below ground surface. In the trenches having a depth of more than three (3) feet and less than six (6) feet the sheathing shall be left in place if ordered by the Commissioner of Public Works. Sheathing may be omitted when permitted by the Commissioner if the edge of the proposed trench is offset from the nearest edge of the pavement or other structure by a distance at least equal to the vertical depth of the trench as measured from the highest point of the adjacent pavement or structure.

(4) Backfilling around completed structures shall be made of selected material, free from loose stones, as soon as the structure has attained sufficient strength to preclude injury and shall be made in successive horizontal layers not exceeding six (6) inches in depth. Each layer shall be thoroughly compacted by tamping to the satisfaction of the Commissioner. No frozen material shall be used in the backfill. Special care shall be taken to thoroughly compact the portion directly under the haunches, around the sides and for a depth of one (1) foot over pipes or ducts. No rock shall be placed in the backfill within twelve (12) inches of a pipe or duct. If permitted by the Commissioner, the backfilling of trenches may be thoroughly puddled by depositing the earth in water. No backfilling of trenches by scrapers or other machinery will be allowed except that on longitudinal trenches outside the pavement limits; the use of power backfillers mounted on pneumatic tires may be used if provisions are made for adequate compacting of filled material. The work shall be so carried on that not over 300 linear feet of trench shall remain open at any time. unless otherwise authorized by the Commissioner.

(5) All surplus excavated material and debris shall be cleaned up and removed from the site of the work upon the completion of work by the Permittee, leaving the site of the work in a neat and orderly condition.

(6) Where topsoil, seeded areas or sod are disturbed in the excavating, Permittee shall restore the ground surfaces to the same conditions.

(7) Manhole covers, frames and other structures placed within the roadway shall be of sufficient weight and strength and a suitable type and stability approved by the Commissioner and shall be set flush with the surface of the pavement.

(8) The Permittee shall repair and maintain at his or its expense any present or future disturbance of a roadway and pavement which may have been caused by work done pursuant to the terms of the permit herein, said maintenance to cover a period of thirty (30) days after completion of the work.

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(9) All small pipes or conduits crossing roadway pavements shall, wherever possible, be driven beneath the pavement, without disturbances to the surface. Such pipes or conduits shall be enclosed in sleeves or larger pipes so that required replacement may be made in the future without disturbance to the pavement. For the purpose of driving such pipes or conduits, no opening of trench shall be made closer than two (2) feet to the edge of the pavement. Tunneling under the pavement is prohibited. Driving of pipes or conduits having a dimension greater than eight (8) inches shall be permitted only under such special terms and conditions as the Commissioner may prescribe.

(10) Permanent restoration of the finished pavement shall not be made until complete settlement of the trench backfill shall have taken place, as directed by the Commissioner. Immediately after backfilling the trench, an acceptable temporary repair of cold patch, bituminous macadam or other acceptable flexible pavement material shall be placed which shall be maintained even with the roadway surface until permanent restoration of the pavement is ordered by the Commissioner. If ordered by the Commissioner, cement concrete may be substituted for bituminous materials in temporary replacements.

(11) At such times as directed by the Commissioner, the permanent replacement of pavement shall be made under the supervision and inspection of the Commissioner, as follows:

(A) On CONCRETE PAVEMENTS, which become undermined or broken, the slabs shall be completely replaced on a prepared foundation with reinforced concrete nine (9) in. thick in the proportion of 1:2:3 1/2 using High Early or Quick Setting Cement mixed by machine for at least 2 minutes. Materials and proportioning of aggregate shall be inspected and approved by the Commissioner.

When cross-trenches are excavated vertically, without undercutting the concrete pavements, the slab shall be neatly cut back a distance of at least two (2) feet on each side of the outer walls of the trench and replaced with a reinforced concrete patch. Where any portion of a patch is nearer than eight (8) feet from an expansion joint, the patch shall be extended to the joint. Where longitudinal trenches have been made in concrete pavements, the entire slab shall be replaced.

In any event the new patch must rest upon undisturbed subgrade for at least two (2) feet in all directions from the excavated area, and must be at least ten (10) feet long as measured parallel to center line of the pavement. In removing portions of slabs or reinforced concrete, care shall be taken not to remove all the reinforcing metal. New reinforcing shall be carefully tied and bonded to old reinforcing steel when making restorations. All reinforcement shall be 3/8" construction bars, spaced 14" in each direction. Approved premoulded expansion joints shall be inserted where directed and all construction joints shall be poured with an acceptable asphaltic material. The concrete shall be completely wetted after placing and covered with six (6) inches of hay and kept continuously saturated for ten (10) days. The use of an approved high early- strength cement placed under approved methods, may be required by the Commissioner for certain concrete pavement replacements where the delay and inconvenience to traffic is of sufficient importance to warrant same. Satisfactory curing of the concrete is of the greatest importance.

(B) On WEARING SURFACE PAVEMENTS (Asphaltic Concrete and blacktops, Granite blocks, Asphalt Blocks , Brick, etc.) a concrete foundation eight (8) inches in thickness shall be placed on a prepared foundation, in the proportion of 1:2 1/2:5, using High Early or Quick Setting cement in the same manner as reinforced concrete pavements. The concrete shall be reinforced with approved wire mesh 3/8" reinforcing bars, placed 2" above bottom of concrete. This replacement shall cover an area for a distance of not less than two (2) feet on each side of the outer walls of the trench as excavated and must be at least ten (10) feet long as measured parallel to center line of pavement. This concrete foundation shall be completely wetted after placing and kept covered with six (6) inches of hay and kept continuously saturated for eight (8) days. After this curing is completed, a wearing surface equivalent to pavement removed shall be placed in accordance with Standard County Specifications, as directed by the Commissioner.

At the option of the Permittee the requirement of steel reinforcement is hereby rescinded provided the thickness of the concrete under (a) shall be eleven (11) inches and under (b) ten (10) inches.

(C) On MACADAM PAVEMENTS, the replacement shall be the same as for wearing surface pavements, section (b).

(12) The permittee shall replace or restore satisfactorily to the Commissioner of Public Works any pavement or other structure which may have been damaged during the progress of the work for which the permit was issued even though such pavement or structure was not proposed to be disturbed at the time of the granting of the permit.

Section 5. All applications and permits shall be in the form prescribed by the Commissioner of Public Works and shall be executed in triplicate by the applicant, sworn to before a person qualified to administer oaths and shall set forth the amount of deposit accompanying said permit, together with a statement saving the County harmless for any claims of whatever nature arising out of the conduct of the work to be performed under the permit.

Section 6. If the character of the restoration work is not covered by the specifications herein, the Commissioner of Public Works shall prepare such additional specifications, safeguards, and conditions as may be required to be done and performed by the applicant.

Section 7. STORING BUILDING MATERIAL AND EQUIPMENT ON COUNTY ROADS: If in the course of building operations on adjacent property it becomes necessary to store building materials or equipment upon any County Road or portion thereof, an application for a permit therefor must be made, subject to the following terms and conditions:

In no case shall the area of the pavement used for such storage exceed in width twenty percent of the total width of the pavement or in length one hundred (100) feet. Such materials or equipment as may be stored shall be neatly piled or placed, protected with adequate barricades and illuminated, except during the daylight hours, with red lanterns or flares, spaced at intervals of not more than ten (10) feet. Appropriate warning signs and flares shall be kept constantly in position three hundred (300) feet distant from the space occupied as a warning to approaching vehicles.

No building material or equipment shall be placed upon the pavement closer than ten (10) feet to any hydrant nor upon any manhole, valve or catch basins nor so as to interfere in any way with proper drainage upon the highway.

Section 8. RULES AND REGULATIONS REGULATING THE OPERATION OF HEAVY CONSTRUCTION EQUIPMENT, INCLUDING TRACTORS, POWER SHOVELS, ROLLERS, TRAILERS, GRADERS AND OTHER MACHINERY WHICH DO NOT OPERATE ON PNEUMATIC TIRES:

No construction equipment, excepting trucks, shall operate on or be hauled over any County Road unless same shall be equipped with pneumatic tires or mounted upon a pneumatic tired trailer unless a permit therefor shall have been first obtained from the Commissioner of Public Works. Said permit shall not be construed as a waiver of the provisions of the Vehicle and Traffic Law or any local ordinance relative thereto. Said permit shall provide among other things that:

(a) Each such vehicle when operated on a County Road shall be operated upon planks, mats or other suitable cushions, acceptable to and approved by the Commissioner of Public Works.

(b) A competent flagman shall at all times be placed at least two hundred (200) feet distant from the operating equipment to warn approaching vehicles.

(c) Adequate barricades and warning signs shall be erected to protect the traveling public.

(d) Any damage resulting from the operation of the equipment shall be repaired by the Permittee to the satisfaction of the Commissioner of Public Works.

Section 9. SHADE TREES: No person, firm or corporation shall plant, remove, trim, damage or otherwise alter any shade tree or planting on any County Road outside of cities or villages without first obtaining approval thereof in writing from the Commissioner of Public Works.

CC

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Section 10

DRIVEWAY & CURB WORK

(a) In lowering curb for driveways, only bluestone, granite, or integral curb will be allowed to be cut. All concrete curb must be removed and replaced with new concrete curbing to be the required height.

(b) On shoulder roads, the grade of driveway at the property line should be the same elevation as the Center line grade of the road. Modification of this may be allowed specifically permitted by the Commissioner.

(c) Driveway entrance shall not begin within five (5) feet of the point where the prolongation of the property line meets the edge of the pavement.

(d) Single family residences are restricted to a single 12 - 18 foot driveway. No more than two points of ingress or egress to a County Road from a single commercial or industrial establishment will be permitted. Neither of the foregoing shall be more than 30' wide measured at the pavement edge, unless special approval is obtained from the Commissioner. The Commissioner reserves the right, however, to require the construction of acceleration and deceleration lanes together with channelization at certain types of high traffic volume generating facilities.

(e) Driveways crossing sidewalks shall be constructed in accordance with the specifications of the local municipality.

(f) Wherever a driveway apron is installed, the area from the pavement to the property line shall be paved to the satisfaction of the Commissioner.

Section 11. EXCEPTIONS: Nothing in these rules and regulations shall be construed to restrict or prevent the construction, maintenance or repair of any sidewalk by a municipality under laws and ordinances applicable thereto except in those operations of construction, maintenance or repair where the use of any portion of the pavement of a County Road is affected or restricted or to restrict or prevent the adoption and enforcement of local municipal traffic control ordinances, rules and regulations not inconsistent with the provisions of Chapter 605 of the Laws of 1941, and/or subsequent revisions.

(13) The Permittee hereby deposits with the Commissioner the sum of $.....as security for the faithful performance of all the terms, covenants and conditions on his part to be done and performed, which said sum shall be retained by the Commissioner until at least 30 days after the date of final completion and acceptance by the Commissioner of the work to be done and performed pursuant to the terms of this permit. Upon the failure or default by the Permittee of any of the terms, covenants and conditions on his part to be done and performed said deposit may be used by the County of Westchester for any expense incurred by the County of Westchester by reason of such failure or default on the part of the Permittee. The Permittee agrees that such expenses as certified by the Commissioner shall be binding upon said Permitee.

(14) The Commissioner by issuing this permit assumes no liability on his part or on the part of The County of Westchester and the Permittee shall be solely liable for all acts done or to be done pursuant to same.

(15) In addition to the above conditions, the Permittee shall conform to the following special requirements for the work permitted:

SPECIAL CONDITIONS

Approval and consent to grant the permit is hereby given by the duly authorized municipal representative.

Gaetano Mattarella ... City of Rye ... City Engineer ... 2-23-11 ... 20...

Name and Title — Municipality — Date

(To be executed by Contractor, if road is under construction)

I, the duly authorized representative of Contractor, who is under contract for improvement of the road herein mentioned, do hereby approve the granting of the permit.

..... 20...

Name and Title — Firm or corporation — Date

If this application is accompanied by deposit, state name and address to whom refund is to be made.

.....

(Name) (Address)

APPROVED FOR ISSUANCE - COUNTY OF WESTCHESTER - DEPARTMENT OF PUBLIC WORKS

DATED FEB 25 20 11

By.....

Supt. of Road Maintenance

CC

P:\28075.01 NEXTG MPC1044\DOCS\VARIOUS\6386_1 RYE\CAD\6386_1

NextG Networks

General Contractor Notes

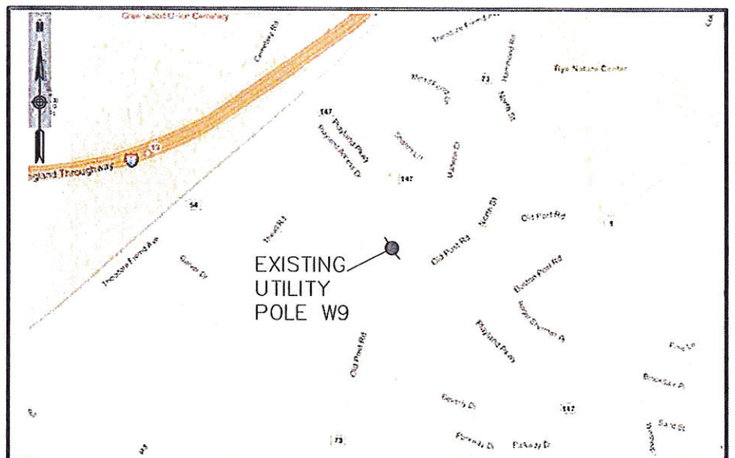
DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

NEW YORK ONE CALL CENTER 1-800-272-4480 STOP-CALL BEFORE YOU DIG!

RECEIVED
FEB 24 2011
Westchester County
DPW Contract Administration

MPC1044 PROJECT
NYD6386
PLAYLAND ACCESS DR (NEAR 120 OLD POST RD)
(WEST SIDE OF PLAYLAND ACCESS DRIVE)
RYE, NY 10580
JURISDICTION: WESTCHESTER COUNTY



SOURCE: BING MAPS

Location Map

SOURCE: NYS GIS

Vicinity Map

Project Description

THE PROJECT CONSISTS OF THE INSTALLATION AND OPERATION OF ANTENNAS AND ASSOCIATED EQUIPMENT CABINETS AND CABLES FOR NEXTG ON AN EXISTING WOOD UTILITY POLE. THE PROPOSED ANTENNA WILL BE MOUNTED TO THE TOP OF THE POLE AND THE PROPOSED EQUIPMENT AND CABLES WILL BE MOUNTED ABOVE GRADE TO THE POLE.

Project Scope

INSTALL / PLACE NEW FIBER TO AN EXISTING POLE, INSTALL OMNI ANTENNAS AND ALL ASSOCIATED BRACKETS IN ACCORDANCE WITH CONSTRUCTION SPECIFICATIONS. REARRANGE ANY EXISTING FACILITIES IN ACCORDANCE WITH GOVERNING CONSTRUCTION GUIDELINES.

Code Compliance

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE AREAS GOVERNING CODES.

1. STATE ADMINISTRATIVE CODE
2. STATE BUILDING CODE
3. ANSI/EIA-22-F LIFE SAFETY CODE NFPA-101-1990
4. STATE MECHANICAL CODE
5. STATE PLUMBING CODE
6. STATE ELECTRIC CODE
7. LOCAL BUILDING CODE
8. MUNICIPAL & COUNTY ORDINANCES

Sheet Index

Number	Drawing Title	Latest Issue
C-1	Title Sheet	5/17/2010
C-2	Utility Pole Equipment Profiles	5/17/2010
C-3	Construction Details	5/17/2010

SOURCE: VHB

Location Photo

Project Summary

CUSTOMER:	NextG Networks
PROJECT:	MPC1044
NODE:	NYD6386
LATITUDE:	40.97307385
LONGITUDE:	-73.69570997
STREET ADDRESS	PLAYLAND ACCESS DRIVE (NEAR 120 OLD POST ROAD)
CITY, STATE:	RYE, NEW YORK
JURISDICTION:	WESTCHESTER COUNTY
POLE #	W9
POLE TYPE:	WOOD UTILITY POLE
POLE OWNER:	TO BE DETERMINED
ANTENNA CENTER HEIGHT:	44' 4" AGL
ANTENNA TYPE:	PHAZAR (AWS360-1710-10-T0-N)
AZIMUTH FOR ANTENNA:	N / A
POWER TO POLE:	OVERHEAD
POLE ACCESS:	STREET ACCESS
POLE LOCATION & DESCRIPTION:	3RD POLE NORTH OF OLD POST ROAD; ON THE WEST SIDE OF PLAYLAND ACCESS DRIVE

Property Information

NextG Networks

NextG Networks of New York, Inc.
131-05 14th Avenue
College Point, New York 11356
Tel: 718-463-3591
Fax: 718-463-3595

Project Title
MPC1044
NODE NUMBER NYD6386
PLAYLAND ACCESS DR (NEAR 120 OLD POST RD)
WEST SIDE OF PLAYLAND ACCESS DRIVE
RYE, NEW YORK 10580
WESTCHESTER COUNTY

Current Issue Date:
5 / 17 / 10
Permit Submission

Rev.	Date	Description:
1	5/17/10	Per NextG Comments

Comments:

Plans Approved By:
NextG Networks
Rep: Vincent Rabbene (TEL718-463-3591)

Plans Prepared By:

VHB
Engineering, Surveying & Landscape Architecture, P.C.
Transportation
Land Development
Environmental Services
2150 Joshua's Path, Suite 300
Hauppauge, New York 11788
631.234.3444 • FAX 631.234.3477

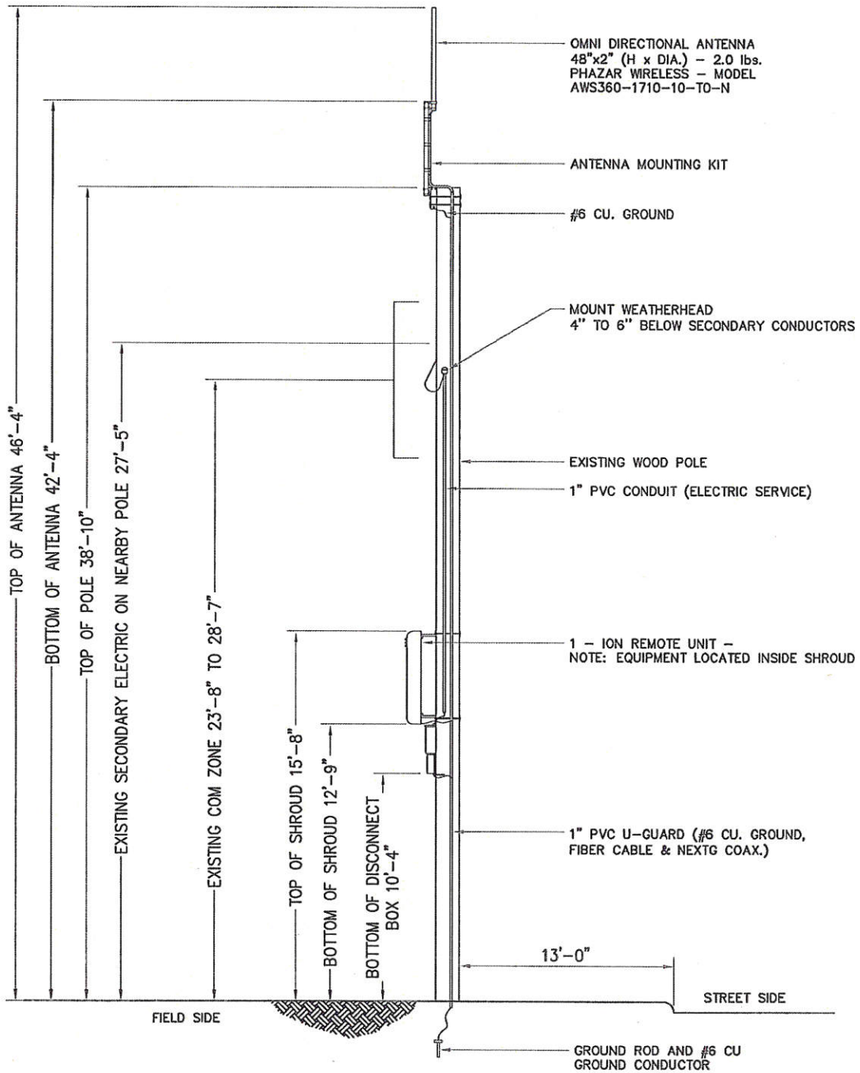
Project No. 28075.09	Drawn by A.L.G.	Checked by S.K.	
CAD checked by A.L.G.		Approved by S.K.	
Scale As Noted		Date April 23, 2010	

Drawing Title:
NextG Networks
Title Sheet
Node Number NYD6386

Drawing Number
C-1

Sheet No.
1 of 3

Node Number
NYD6386



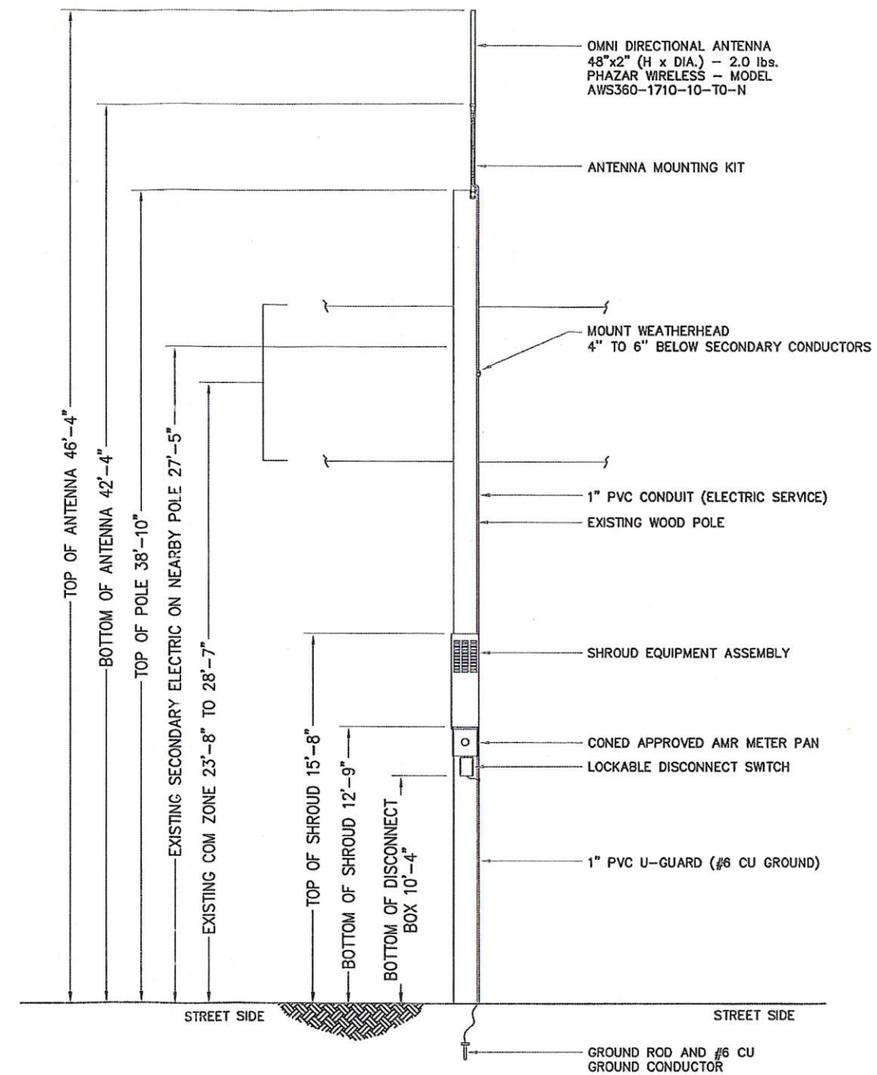
POLE DETAIL N.T.S.

LOOKING NORTH

TOP VIEW OF POLE

QUADRANT LOCATION OF EQUIPMENT

(Street Side)



POLE DETAIL N.T.S.

LOOKING WEST

NextG Networks

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Project No. 28075.00	Drawn by A.L.G.	Checked by S.K.	
CAD checked by A.L.G.		Approved by S.K.	
Scale As Noted		Date April 23, 2010	

Drawing Title:

NextG Networks

Utility Pole Equipment Profiles

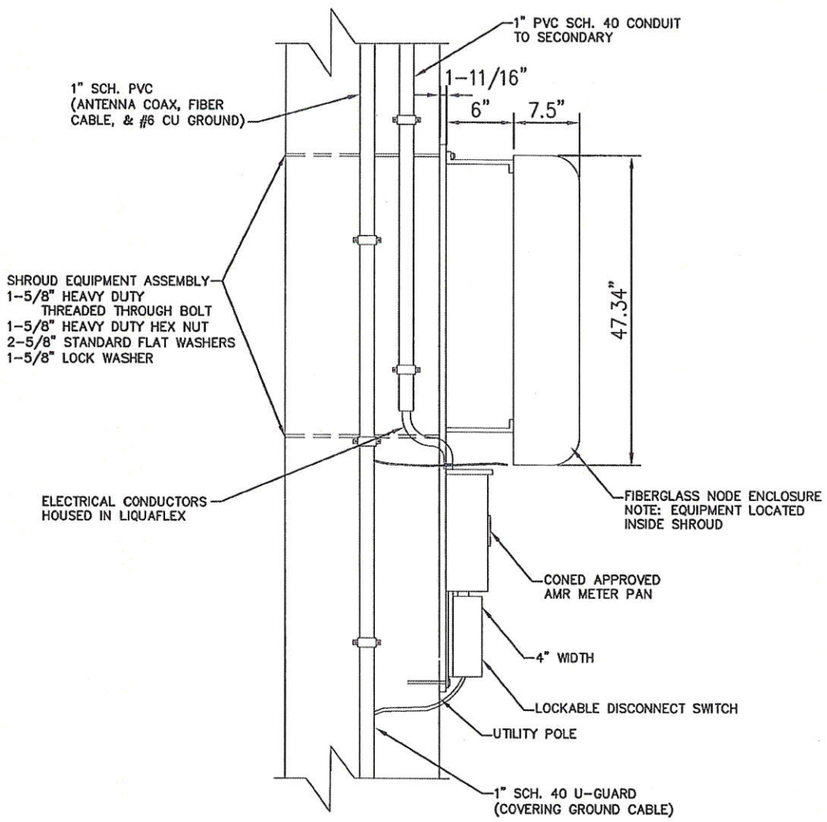
Node Number NYD6386

Drawing Number

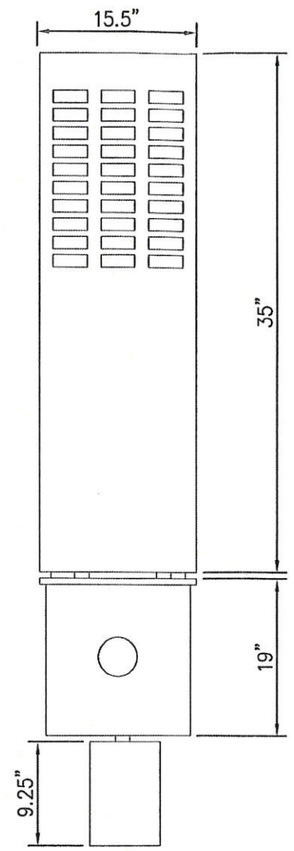
C-2

Sheet No. 2 of 3

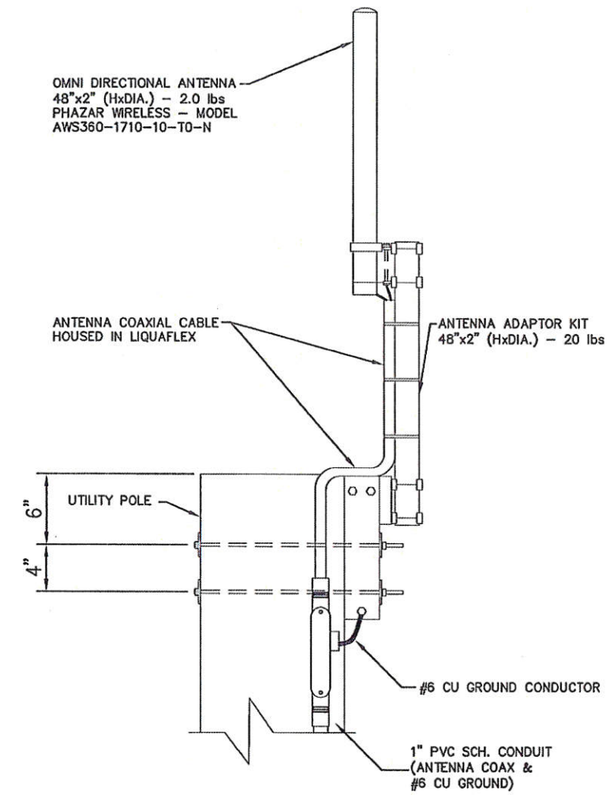
Node Number NYD6386



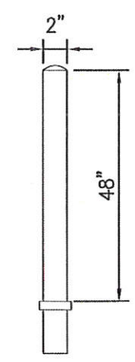
REPEATER EQUIPMENT MOUNTING DETAIL #1 N.T.S.



SHROUD KIT N.T.S.



ANTENNA MOUNTING DETAIL #2 N.T.S.



PHAZAR OMNI WIRELESS ANTENNA N.T.S.

NextG Networks

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131-05 14th Avenue
College Point, New York 11356
Tel: 718-463-3591
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Project No.	28075.00	Drawn by	A.L.G.	Checked by	S.K.
CAD checked by	A.L.G.	Approved by	S.K.		
Scale	As Noted	Date	April 23, 2010		

Drawing Title:
NextG Networks
Construction Details
Node Number NYD6386

Drawing Number
C-3

Sheet No.
3 of 3

Node Number
NYD6386

NYD 6387

-------- Original ---------- Original ---------- Original ---------- Original ----------

27-5

Original - White
Duplicate Original - Canary
Triplicate Original - Blue

County of Westchester
Department of Public Works
148 Martine Ave., Rm. 522
White Plains, New York 10601

Application No. 11021
Co. Road No. 54
Date 2/25/11

GRANTED
DO NOT WRITE IN THIS SPACE
COUNTY OF WESTCHESTER
DIV. OF ROAD MAINTENANCE
DATE: 2/25/11
FEE : $ 400.00
DEPOSIT: $ 0
BOND : $ —
TOTAL : $ 400.00
MKO
PERMIT AGENT

APPLICATION FOR PERMIT TO DO WORK ON AND WITHIN A COUNTY ROAD AREA

(To be Executed in Triplicate)

To the County of Westchester
Department of Public Works:

Application is hereby made for permission, under the Westchester County Administrative Code, to enter upon, construct, or open a road constructed or improved on the County Road System of Westchester County as follows:

1. Applicant NextG Networks of NY, Inc.
2. Address 131-05 14th Avenue, College Point, NY 11356 Phone No. 718-463-3591
3. Name of Road Theodore Fremd Avenue (Name) Rye (Municipality) Co. Rd. No. 54
4. Location on Road Across 401 Theodore Fremd Avenue on South West side of street
5. Maximum size of opening allowed ..... Depth .....
6. Work to be started As soon as possible To be completed .....
7. Is pavement to be disturbed? NO If so, what type .....
8. Purpose of Application Installation of Distributed Antenna System (DAS) antenna and equipment on an existing utility pole
9. Attach 3 copies of a sketch showing location of work, size of openings, and giving distance to nearest street intersection.
10. State Owner for whom work is being performed:

NextG Networks of NY, Inc. (Owner) 131-05 14th Avenue, Colley Point, NY 11356 (Address)

STATE OF NEW YORK
COUNTY OF Westchester SS.:

John Cavaliere being duly sworn, deposes and says that he is Manager of Government Relations of the Permittee herein named; that all insurance required by the New York State Workmen's Compensation and Disability Laws has been secured, and the provisions of said Laws will be applied with during the life of this permit, until he has fully and completely complied with all the terms and provisions of the provisions of the aforesaid Laws.

If permit is granted, I hereby agree to comply with all terms, covenants and conditions hereinafter set forth which are attached to and form part of the permit, and to restore the road to its original condition, in accordance therewith.

Sworn to before me this 14th day of February 20 11.

Notary Public, County of Kings

JOSHUA S. TRAUNER
Notary Public-State of New York
No. 02TR6166991
Qualified in Kings County
My Commission Expires May 29, 2013

Applicant's Signature & Title

THIS PERMIT WILL BE GRANTED SUBJECT TO THE FOLLOWING TERMS, COVENANTS AND CONDITIONS

All applicants for County Permits shall file with the Permit Agent, 148 Martine Ave., Rm. 522, White Plains, New York, New York State Workmen's Compensation Board Standard Forms C-105.2 and DB-120.1 as proof of compliance with the Workmen's Compensation and Disability Benefits Laws.

If an applicant or holder of a permit represents that he is not required to carry either a Workmen's Compensation policy or a Disability Benefits policy or both, New York State Workmen's Compensation Board Standard Form C-105.21, in duplicate, shall be filed with the Permit Agent.

Section 57 of the Workmen's Compensation Law and Section 220, Subdivision 8 of the Disability Benefits Law provide that a permit shall not be issued unless the above prerequisites are satisfied.

(Over)

This permit shall continue in force for a period of Twelve (12) months subsequent to the date of issuance as stamped thereon. The permittee shall contact the issuing authority for authorization of extension time beyond the one year restricted period.

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(1) The term "Commissioner" shall mean the Commissioner of Public Works of the County of Westchester or his authorized representative.

(2) The term "Permittee" shall mean the party obtaining the permit or his or its duly authorized agents or representatives, and must be the person, firm, corporation, district, or municipality actually performing the work.

(3) The permit shall not be assigned or transferred except upon the written consent of the Commissioner.

(4) The work authorized by the permit shall be done to the complete satisfaction of the Commissioner. In replacement of pavements, the Standard County Specifications therefor shall be followed as more particularly set forth in Section 4 hereof.

(5) Written notice except in emergencies shall be given by said Permittee to the Commissioner at least forty-eight (48) hours in advance of the date when the work of construction is to commence.

(6) The Permittee shall indemnify and save harmless the County, local municipality and improvement district from all claims, liens, suits, loss or damage of every kind whatsoever, whether direct or indirect, which may arise by reason of the granting of this permit.

(7) The Permittee agrees, in consideration of the granting of the permit, that any present or future damage, injury to or disturbance of the highway, its pavements, slopes or gutters, caused by placing of any structures pursuant to the terms of the permit, shall be immediately repaired by the Permittee at his or its own expense and to the satisfaction of the Commissioner.

(8) The Permittee agrees to pay all necessary expenses that may be incurred by the County in connection with the work to be done under the permit, which payment shall be made within ten (10) days after the sending of a statement of expenses as certified by the Commissioner and, if not paid by the Permittee, the said expenses shall be deducted from the deposit as herein otherwise provided for. Where work of an extensive or difficult nature is involved, the Permittee may be required to pay the costs of a full or part time inspector to be designated by the Commissioner to inspect the work for the purpose of protecting the County's interest.

(9) In case the final pavement has not been placed when opening is made, where the road improvement is under contract, the Permittee agrees to reimburse the road contractor for such additional costs of reinforcing steel in pavement, when placed, as are required by the Commissioner.

(10) The Commissioner reserves the right to revoke or cancel the permit at any time should the Permittee fail to comply with say of the terms, agreements, covenants and conditions thereof.

(11) A fully executed copy of this permit must be in possession of the parties actually doing the work. It must be exhibited on demand to the Commissioner or his representative.

(12) The permit does not grant permission for connections to water or sewer mains, etc. Such permits must be obtained from the local municipality or improvement district prior to and in addition to permit for street openings applied for herewith.

(13) Vehicular traffic shall be maintained on any section of the road disturbed by the Permittee at all times during the term of this permit.

(14) The contractor assumes all risks in the operation covered by the permit and shall be solely responsible and answerable in damages for all accidents or injuries to person or property of whatsoever kind and nature, whether direct or indirect, arising out of any operations under the permit, even though said accidents or injuries to person or property are or may be due, in whole or in part, to the County of Westchester, its agents, servants or employees.

SECTION 4. THE WORK TO BE DONE AND PERFORMED PURSUANT TO THE PERMIT SHALL BE DONE ACCORDING TO THE FOLLOWING SPECIFICATIONS AND CONDITIONS:

(1) All locations and time of performing the work shall be approved by the Commissioner.

(2) The Permittee shall arrange his or its work so as to cause a minimum of inconvenience and delay to vehicular traffic. The Commissioner reserves the right to order the removal of any and/or all obstructions to traffic on Saturdays, Sundays, Holidays and other periods of unusually heavy traffic volumes. The permittee shall erect and maintain suitable barricades to adequately delineate and protect the site during and in which his or its work is in progress. Warning flags, signs, flashing yellow lights and watchmen shall be provided as necessary. Excavated material should be stored in neat piles, so placed as to cause the least interference with the use of the roadway or sidewalks. Where the free flow of traffic is interfered with, the permittee shall place and maintain traffic control devices pursuant to provisions of sections 1680 and 1682 of the New York State Vehicle and Traffic Law. All traffic control associated with maintenance, repair, and construction, within the highway limits, shall be carried out in accordance with standards set forth in the New York State Manual of Uniform Traffic Control Devices, latest revision. The Commissioner reserves the right to order the correction of any unsafe condition and the installation of additional signs, lights or other traffic control devices.

(3) Unless otherwise permitted, tight sheathing at least two (2) inches in thickness shall be placed in all trenches having a depth in excess of four (4) feet and within three (3) feet of any pavement or other highway structure which is proposed to remain in place except where excavation is in rock. Sheathing shall be securely fastened in place with whalers and braces during all operations and shall be driven to a depth one (1) foot below the lowest part of the structure proposed to be installed as the excavation progresses. In all such excavations having a depth in excess of six (6) feet, such sheathing shall be left in place with a cutoff line eighteen (18) inches below ground surface. In the trenches having a depth of more than three (3) feet and less than six (6) feet the sheathing shall be left in place if ordered by the Commissioner of Public Works. Sheathing may be omitted when permitted by the Commissioner if the edge of the proposed trench is offset from the nearest edge of the pavement or other structure by a distance at least equal to the vertical depth of the trench as measured from the highest point of the adjacent pavement or structure.

(4) Backfilling around completed structures shall be made of selected material, free from loose stones, as soon as the structure has attained sufficient strength to preclude injury and shall be made in successive horizontal layers not exceeding six (6) inches in depth. Each layer shall be thoroughly compacted by tamping to the satisfaction of the Commissioner. No frozen material shall be used in the backfill. Special care shall be taken to thoroughly compact the portion directly under the haunches, around the sides and for a depth of one (1) foot over pipes or ducts. No rock shall be placed in the backfill within twelve (12) inches of a pipe or duct. If permitted by the Commissioner, the backfilling of trenches may be thoroughly puddled by depositing the earth in water. No backfilling of trenches by scrapers or other machinery will be allowed except that on longitudinal trenches outside the pavement limits; the use of power backfillers mounted on pneumatic tires may be used if provisions are made for adequate compacting of filled material. The work shall be so carried on that not over 300 linear feet of trench shall remain open at any time unless otherwise authorized by the Commissioner.

(5) All surplus excavated material and debris shall be cleaned up and removed from the site of the work upon the completion of work by the Permittee, leaving the site of the work in a neat and orderly condition.

(6) Where topsoil, seeded areas or sod are disturbed in the excavating, Permittee shall restore the ground surfaces to the same conditions.

(7) Manhole covers, frames and other structures placed within the roadway shall be of sufficient weight and strength and a suitable type and stability approved by the Commissioner and shall be set flush with the surface of the pavement.

(8) The Permittee shall repair and maintain at his or its expense any present or future disturbance of a roadway and pavement which may have been caused by work done pursuant to the terms of the permit herein, said maintenance to cover a period of thirty (30) days after completion of the work.

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(9) All small pipes or conduits crossing roadway pavements shall, wherever possible, be driven beneath the pavement, without disturbances to the surface. Such pipes or conduits shall be enclosed in sleeves or larger pipes so that required replacement may be made in the future without disturbance to the pavement. For the purpose of driving such pipes or conduits, no opening of trench shall be made closer than two (2) feet to the edge of the pavement. Tunneling under the pavement is prohibited. Driving of pipes or conduits having a dimension greater than eight (8) inches shall be permitted only under such special terms and conditions as the Commissioner may prescribe.

(10) Permanent restoration of the finished pavement shall not be made until complete settlement of the trench backfill shall have taken place, as directed by the Commissioner. Immediately after backfilling the trench, an acceptable temporary repair of cold patch, bituminous macadam or other acceptable flexible pavement material shall be placed which shall be maintained even with the roadway surface until permanent restoration of the pavement is ordered by the Commissioner. If ordered by the Commissioner, cement concrete may be substituted for bituminous materials in temporary replacements.

(11) At such times as directed by the Commissioner, the permanent replacement of pavement shall be made under the supervision and inspection of the Commissioner, as follows:

(A) On CONCRETE PAVEMENTS, which become undermined or broken, the slabs shall be completely replaced on a prepared foundation with reinforced concrete nine (9) in. thick in the proportion of 1:2:3 1/2 using High Early or Quick Setting Cement mixed by machine for at least 2 minutes. Materials and proportioning of aggregate shall be inspected and approved by the Commissioner.

When cross-trenches are excavated vertically, without undercutting the concrete pavements, the slab shall be neatly cut back a distance of at least two (2) feet on each side of the outer walls of the trench and replaced with a reinforced concrete patch. Where any portion of a patch is nearer than eight (8) feet from an expansion joint, the patch shall be extended to the joint. Where longitudinal trenches have been made in concrete pavements, the entire slab shall be replaced.

In any event the new patch must rest upon undisturbed subgrade for at least two (2) feet in all directions from the excavated area, and must be at least ten (10) feet long as measured parallel to center line of the pavement. In removing portions of slabs or reinforced concrete, care shall be taken not to remove all the reinforcing metal. New reinforcing shall be carefully tied and bonded to old reinforcing steel when making restorations. All reinforcement shall be 3/8" construction bars, spaced 14" in each direction. Approved premoulded expansion joints shall be inserted where directed and all construction joints shall be poured with an acceptable asphaltic material. The concrete shall be completely wetted after placing and covered with six (6) inches of hay and kept continuously saturated for ten (10) days. The use of an approved high early- strength cement placed under approved methods, may be required by the Commissioner for certain concrete pavement replacements where the delay and inconvenience to traffic is of sufficient importance to warrant same. Satisfactory curing of the concrete is of the greatest importance.

(B) On WEARING SURFACE PAVEMENTS (Asphaltic Concrete and blacktops, Granite blocks, Asphalt Blocks , Brick, etc.) a concrete foundation eight (8) inches in thickness shall be placed on a prepared foundation, in the proportion of 1:2 1/2:5, using High Early or Quick Setting cement in the same manner as reinforced concrete pavements. The concrete shall be reinforced with approved wire mesh 3/8" reinforcing bars, placed 2" above bottom of concrete. This replacement shall cover an area for a distance of not less than two (2) feet on each side of the outer walls of the trench as excavated and must be at least ten (10) feet long as measured parallel to center line of pavement. This concrete foundation shall be completely wetted after placing and kept covered with six (6) inches of hay and kept continuously saturated for eight (8) days. After this curing is completed, a wearing surface equivalent to pavement removed shall be placed in accordance with Standard County Specifications, as directed by the Commissioner.

At the option of the Permittee the requirement of steel reinforcement is hereby rescinded provided the thickness of the concrete under (a) shall be eleven (11) inches and under (b) ten (10) inches.

(C) On MACADAM PAVEMENTS, the replacement shall be the same as for wearing surface pavements, section (b).

(12) The permittee shall replace or restore satisfactorily to the Commissioner of Public Works any pavement or other structure which may have been damaged during the progress of the work for which the permit was issued even though such pavement or structure was not proposed to be disturbed at the time of the granting of the permit.

Section 5. All applications and permits shall be in the form prescribed by the Commissioner of Public Works and shall be executed in triplicate by the applicant, sworn to before a person qualified to administer oaths and shall set forth the amount of deposit accompanying said permit, together with a statement saving the County harmless for any claims of whatever nature arising out of the conduct of the work to be performed under the permit.

Section 6. If the character of the restoration work is not covered by the specifications herein, the Commissioner of Public Works shall prepare such additional specifications, safeguards, and conditions as may be required to be done and performed by the applicant.

Section 7. STORING BUILDING MATERIAL AND EQUIPMENT ON COUNTY ROADS: If in the course of building operations on adjacent property it becomes necessary to store building materials or equipment upon any County Road or portion thereof, an application for a permit therefor must be made, subject to the following terms and conditions:

In no case shall the area of the pavement used for such storage exceed in width twenty percent of the total width of the pavement or in length one hundred (100) feet. Such materials or equipment as may be stored shall be neatly piled or placed, protected with adequate barricades and illuminated, except during the daylight hours, with red lanterns or flares, spaced at intervals of not more than ten (10) feet. Appropriate warning signs and flares shall be kept constantly in position three hundred (300) feet distant from the space occupied as a warning to approaching vehicles.

No building material or equipment shall be placed upon the pavement closer than ten (10) feet to any hydrant nor upon any manhole, valve or catch basins nor so as to interfere in any way with proper drainage upon the highway.

Section 8. RULES AND REGULATIONS REGULATING THE OPERATION OF HEAVY CONSTRUCTION EQUIPMENT, INCLUDING TRACTORS, POWER SHOVELS, ROLLERS, TRAILERS, GRADERS AND OTHER MACHINERY WHICH DO NOT OPERATE ON PNEUMATIC TIRES:

No construction equipment, excepting trucks, shall operate on or be hauled over any County Road unless same shall be equipped with pneumatic tires or mounted upon a pneumatic tired trailer unless a permit therefor shall have been first obtained from the Commissioner of Public Works. Said permit shall not be construed as a waiver of the provisions of the Vehicle and Traffic Law or any local ordinance relative thereto. Said permit shall provide among other things that:

(a) Each such vehicle when operated on a County Road shall be operated upon planks, mats or other suitable cushions, acceptable to and approved by the Commissioner of Public Works.

(b) A competent flagman shall at all times be placed at least two hundred (200) feet distant from the operating equipment to warn approaching vehicles.

(c) Adequate barricades and warning signs shall be erected to protect the traveling public.

(d) Any damage resulting from the operation of the equipment shall be repaired by the Permittee to the satisfaction of the Commissioner of Public Works.

Section 9. SHADE TREES: No person, firm or corporation shall plant, remove, trim, damage or otherwise alter any shade tree or planting on any County Road outside of cities or villages without first obtaining approval thereof in writing from the Commissioner of Public Works.

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Section 10

DRIVEWAY & CURB WORK

(a) In lowering curb for driveways, only bluestone, granite, or integral curb will be allowed to be cut. All concrete curb must be removed and replaced with new concrete curbing to be the required height.

(b) On shoulder roads, the grade of driveway at the property line should be the same elevation as the Center line grade of the road. Modification of this may be allowed specifically permitted by the Commissioner.

(c) Driveway entrance shall not begin within five (5) feet of the point where the prolongation of the property line meets the edge of the pavement.

(d) Single family residences are restricted to a single 12 - 18 foot driveway. No more than two points of ingress or egress to a County Road from a single commercial or industrial establishment will be permitted. Neither of the foregoing shall be more than 30' wide measured at the pavement edge, unless special approval is obtained from the Commissioner. The Commissioner reserves the right, however, to require the construction of acceleration and deceleration lanes together with channelization at certain types of high traffic volume generating facilities.

(e) Driveways crossing sidewalks shall be constructed in accordance with the specifications of the local municipality.

(f) Wherever a driveway apron is installed, the area from the pavement to the property line shall be paved to the satisfaction of the Commissioner.

Section 11. EXCEPTIONS: Nothing in these rules and regulations shall be construed to restrict or prevent the construction, maintenance or repair of any sidewalk by a municipality under laws and ordinances applicable thereto except in those operations of construction, maintenance or repair where the use of any portion of the pavement of a County Road is affected or restricted or to restrict or prevent the adoption and enforcement of local municipal traffic control ordinances, rules and regulations not inconsistent with the provisions of Chapter 605 of the Laws of 1941, and/or subsequent revisions.

(13) The Permittee hereby deposits with the Commissioner the sum of $.....as security for the faithful performance of all the terms, covenants and conditions on his part to be done and performed, which said sum shall be retained by the Commissioner until at least 30 days after the date of final completion and acceptance by the Commissioner of the work to be done and performed pursuant to the terms of this permit. Upon the failure or default by the Permittee of any of the terms, covenants and conditions on his part to be done and performed said deposit may be used by the County of Westchester for any expense incurred by the County of Westchester by reason of such failure or default on the part of the Permittee. The Permittee agrees that such expenses as certified by the Commissioner shall be binding upon said Permitee.

(14) The Commissioner by issuing this permit assumes no liability on his part or on the part of The County of Westchester and the Permittee shall be solely liable for all acts done or to be done pursuant to same.

(15) In addition to the above conditions, the Permittee shall conform to the following special requirements for the work permitted:

SPECIAL CONDITIONS

Approval and consent to grant the permit is hereby given by the duly authorized municipal representative.

George Mottarella City Engineer City of Rye 2-23-11 20...

Name and Title Municipality Date

(To be executed by Contractor, if road is under construction)

I, the duly authorized representative of Contractor, who is under contract for improvement of the road herein mentioned, do hereby approve the granting of the permit.

..... 20...

Name and Title Firm or corporation Date

If this application is accompanied by deposit, state name and address to whom refund is to be made.

..... (Name) (Address)

APPROVED FOR ISSUANCE - COUNTY OF WESTCHESTER - DEPARTMENT OF PUBLIC WORKS

DATED FEB. 25 2011 By ..... Supt. of Road Maintenance

PA

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P:\28075.01 NEXTG MPC1044\DOCS\VARIOUS\6387_1 RYE\CAD\6387_1

NEW YORK ONE CALL CENTER 1-800-272-4480 STOP-CALL BEFORE YOU DIG!

General Contractor Notes

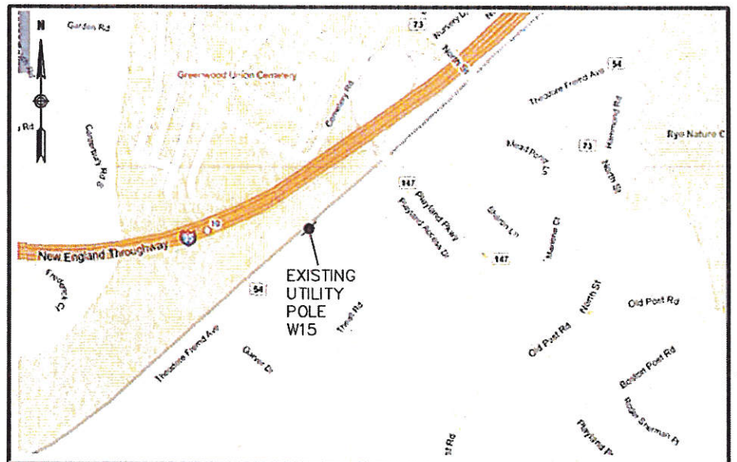
DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

NextG Networks

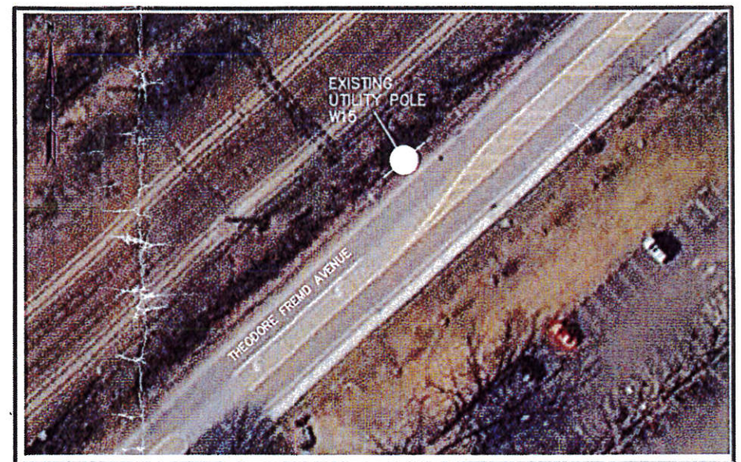
MPC1044 PROJECT
NYD6387
ACROSS 401 THEODORE FREMD AVENUE
(WEST SIDE OF STREET)
RYE, NY 10580
JURISDICTION: WESTCHESTER COUNTY

RECEIVED
FEB 24 2011
Westchester County
DPW Contract Administration/Permits



SOURCE: BING MAPS

Location Map



SOURCE: NYS GIS

Vicinity Map

Project Description

THE PROJECT CONSISTS OF THE INSTALLATION AND OPERATION OF ANTENNAS AND ASSOCIATED EQUIPMENT CABINETS AND CABLES FOR NEXTG ON AN EXISTING WOOD UTILITY POLE. THE PROPOSED ANTENNA WILL BE MOUNTED TO THE POLE WITHIN THE COMMUNICATIONS ZONE AND THE PROPOSED EQUIPMENT AND CABLES WILL BE MOUNTED ABOVE GRADE TO THE POLE.

Project Scope

INSTALL / PLACE NEW FIBER TO AN EXISTING POLE, INSTALL OMNI ANTENNAS AND ALL ASSOCIATED BRACKETS IN ACCORDANCE WITH CONSTRUCTION SPECIFICATIONS, REARRANGE ANY EXISTING FACILITIES IN ACCORDANCE WITH GOVERNING CONSTRUCTION GUIDELINES.

Code Compliance

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE AREAS GOVERNING CODES.

1. STATE ADMINISTRATIVE CODE
2. STATE BUILDING CODE
3. ANSI/EIA-22-F LIFE SAFETY CODE NFPA-101-1990
4. STATE MECHANICAL CODE
5. STATE PLUMBING CODE
6. STATE ELECTRIC CODE
7. LOCAL BUILDING CODE
8. MUNICIPAL & COUNTY ORDINANCES

Sheet Index

Number	Drawing Title	Latest Issue
C-1	Title Sheet	5.17.2010
C-2	Utility Pole Equipment Profiles	5.17.2010
C-3	Construction Details	5.17.2010

SOURCE: VHB

Location Photo

Project Summary

CUSTOMER:	NextG Networks
PROJECT:	MPC1044
NODE:	NYD6387
LATITUDE:	40.97495
LONGITUDE:	-73.70031
STREET ADDRESS	ACROSS 401 THEODORE FREMD AVENUE
CITY, STATE:	RYE, NEW YORK
JURISDICTION:	WESTCHESTER COUNTY
POLE #	W15
POLE TYPE:	WOOD UTILITY POLE
POLE OWNER:	TO BE DETERMINED
ANTENNA CENTER HEIGHT:	39' 10" AGL
ANTENNA TYPE:	PHAZAR (AWS360-1710-7-T0-N-A)
AZIMUTH FOR ANTENNA:	N/A
POWER TO POLE:	OVERHEAD
POLE ACCESS	STREET ACCESS
POLE LOCATION & DESCRIPTION	6TH WOOD POLE SOUTH OF PLAYLAND ACCESS DRIVE; ON THE WEST SIDE OF THEODORE FREMD AVENUE

Property Information

NextG Networks

NextG Networks of New York, Inc.
131-05 14th Avenue
College Point, New York 11356
Tel: 718-463-3591
Fax: 718-463-3595

Project Title
MPC1044
NODE NUMBER NYD6387
ACROSS 401 THEODORE FREMD AVENUE
WEST SIDE OF STREET
RYE, NEW YORK 10580
WESTCHESTER COUNTY

Current Issue Date:
5/17/10
Permit Submission

Rev.	Date	Description:
1	5/17/10	Per NextG Comments

Comments:

Plans Approved By:
NextG Networks
Rep: Vincent Robbene (TEL718-463-3591)

Plans Prepared By:
VHB
Engineering, Surveying & Landscape Architecture, P.C.
Transportation
Land Development
Environmental Services
2150 Joshua's Path, Suite 300
Hauppauge, New York 11788
631.234.3444 • FAX 631.234.3477

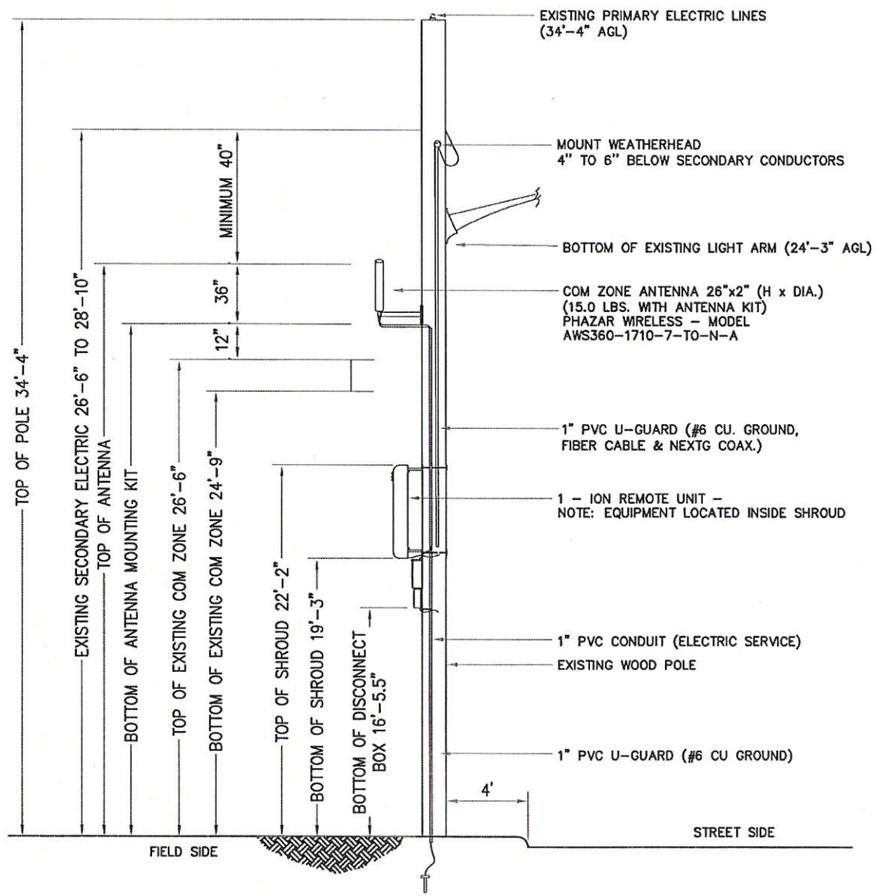
Project No. 28075.00	Drawn by A.L.G.	Checked by S.K.	
CAD checked by A.L.G.		Approved by S.K.	
Scale As Noted		Date April 23, 2010	

Drawing Title:
NextG Networks
Title Sheet
Node Number NYD6387

Drawing Number
C-1

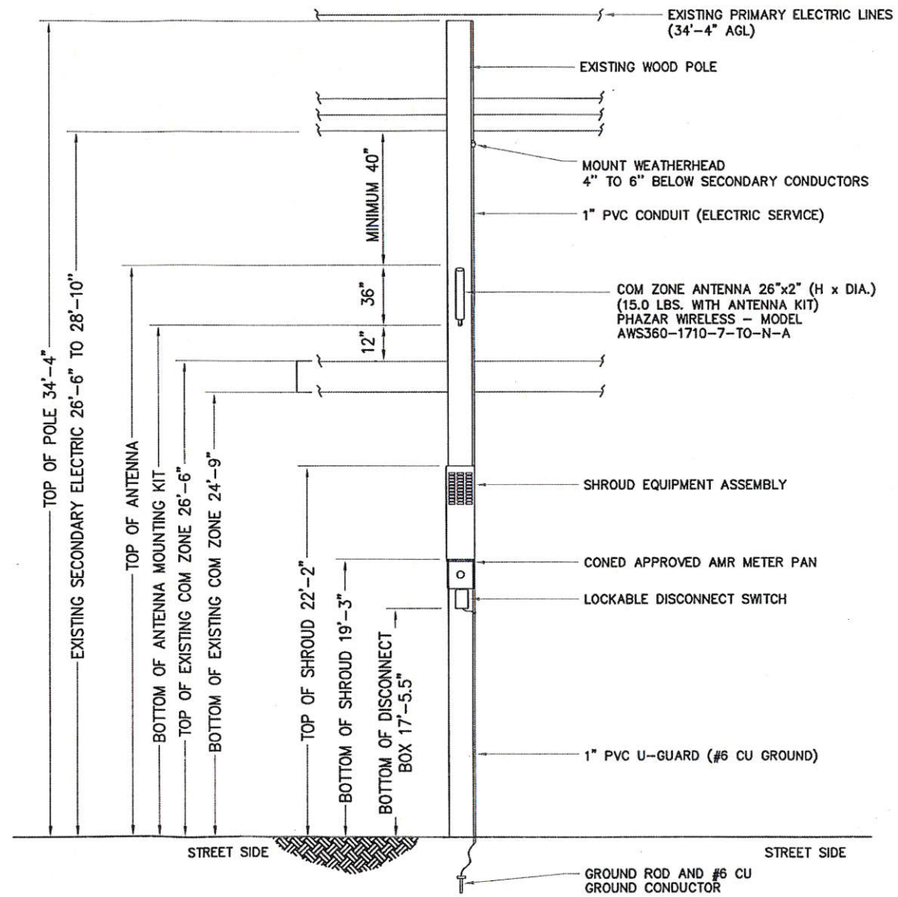
Sheet No.
1 of 3

Node Number
NYD6387



POLE DETAIL N.T.S.

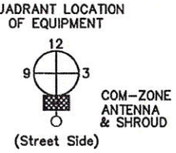
LOOKING EAST



POLE DETAIL N.T.S.

LOOKING NORTH

TOP VIEW OF POLE
QUADRANT LOCATION OF EQUIPMENT



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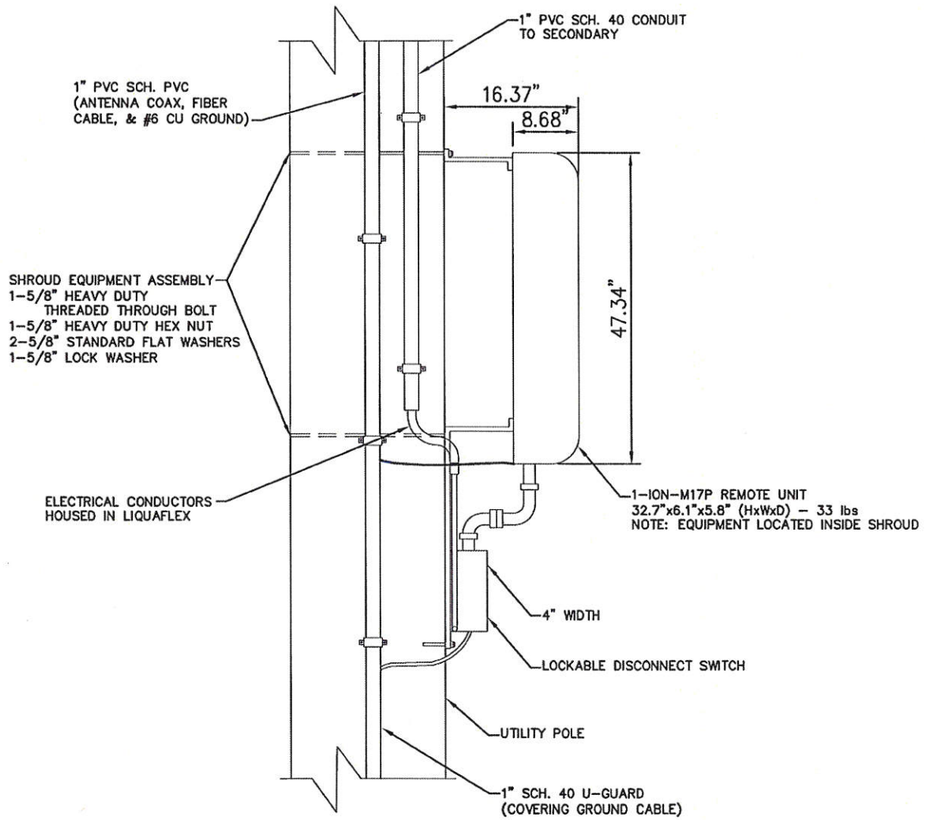
Drawing Title:
NextG Networks
Utility Pole Equipment Profiles
Node Number NYD6387

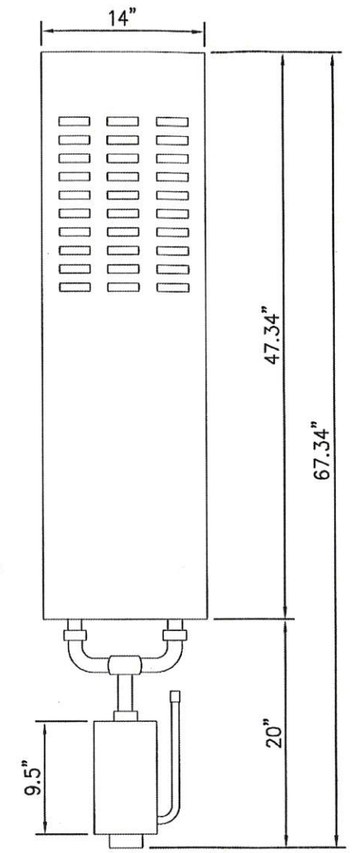
Drawing Number
C-2

Sheet No.
2 of 3

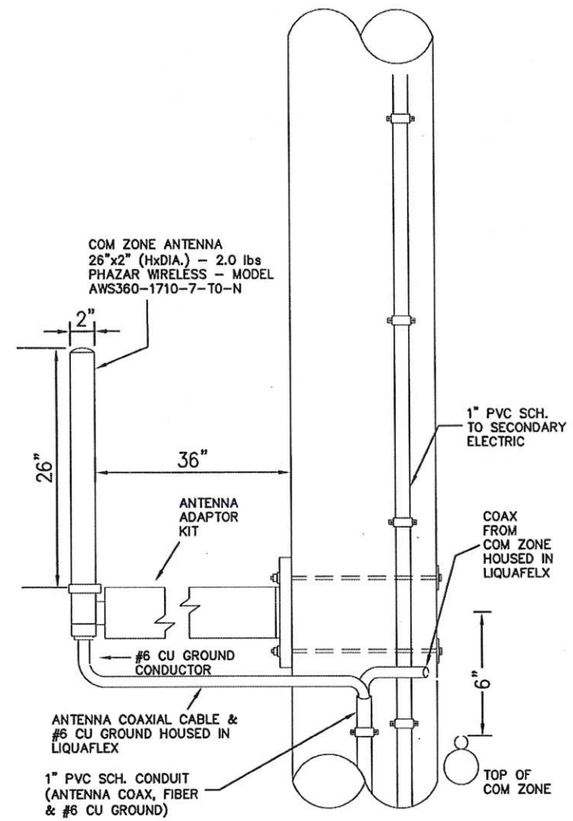
Node Number
NYD6387



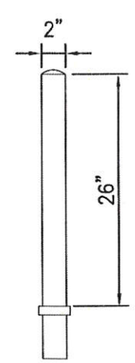
REPEATER EQUIPMENT MOUNTING DETAIL #1 N.T.S.



SHROUD KIT N.T.S.



ANTENNA MOUNTING DETAIL #2 N.T.S.



PHAZAR OMNI WIRELESS ANTENNA N.T.S.

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Drawing Title:
NextG Networks
Construction Details
Node Number NYD6387

Drawing Number
C-3

Sheet No.
3 of 3

Node Number
NYD6387

Attachment 2

Attachment 3

Recently Installed Nodes in the Town/Village of Harrison with the larger shroud size

1. 8 Kenilworth Rd	Wood Pole Top
2. 34 Kenilworth Rd	Wood Pole Top
3. 10 Kenilworth Ln	MSL
4. Across 32 Polly Park Rd	Wood Pole Top
5. 5 Timber Trail	Commzone
6. 148 Polly Park Rd	Wood Pole Top
7. 415 Polly Park Rd	New
8. 50 Kenilworth Rd	MSL
9. 5 Puritan Rd	New
10. Across from 525 Polly Park Rd Rd	Wood Pole Top
11. 6 Timber Trail	Wood Pole Top
12. 500 Halstead Ave	Wood Pole Top

148 Polly Park Road

Node location in the Town/Village of Harrison

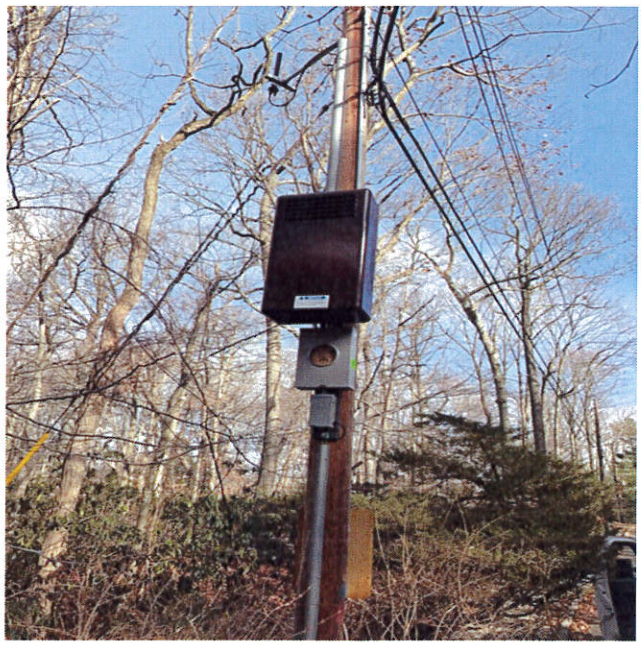
148 Polly Park Road

Node location in the Town/Village of Harrison with the larger shroud
Left photos is looking South / Right photo is looking North

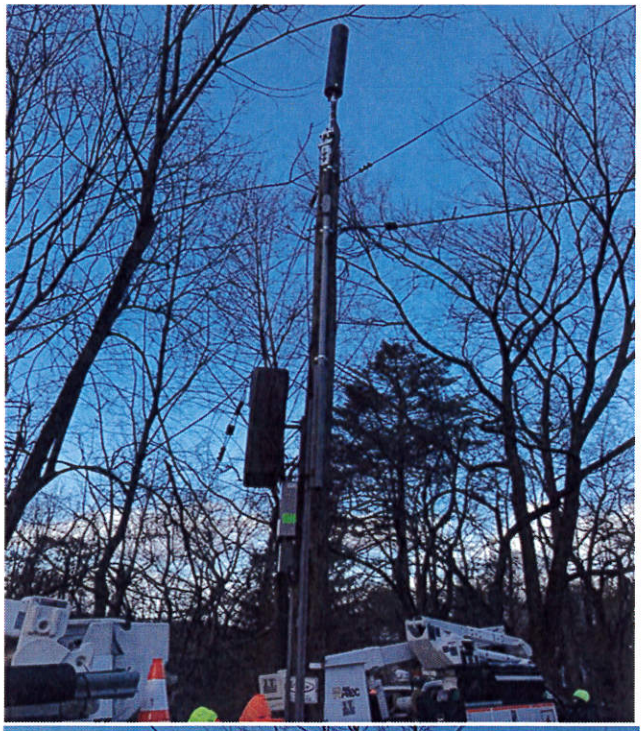
415 Polly Park Road

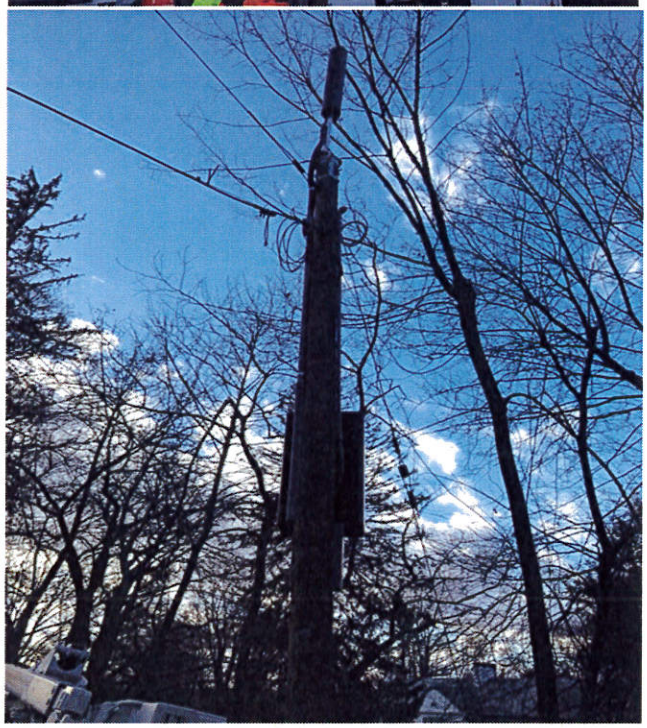
415 Polly Park Road

Node location in the Town/Village of Harrison with the larger shroud
Left photos is looking South / Right photo is looking North



Altec
J.T.





J.T. ORONZIO
Altec

STOP
RED
J.T. ORONZIO