

OCT 12 '16 #11:13

TOWN OF UXBRIDGE



# PLANNING BOARD/TREE WARDEN

UXBRIDGE, MASSACHUSETTS 01569  
508-278-8600 (Planning Board) ♦ 508-278-8616 (DPW)

Posted by  
Uxbridge  
Town Clerk

## PUBLIC HEARING NOTICE

Notice is hereby given by the Uxbridge Planning Board and Tree Warden that a Public Hearing will be held on Wednesday, November 9, 2016 at 7:00 p.m. in the Board of Selectmen Meeting Room, Uxbridge Town Hall, 21 South Main Street, Uxbridge, Massachusetts to review the following proposal pursuant to Massachusetts General Laws Chapter 40 and Chapter 87.

**FY17-01TH, Scenic Road Authorization Application** - The Applicant of record, **National Grid, 245 South Main Street, Hopedale, MA 01747**, is seeking approval for routine tree trimming, new construction pruning and tree removal on designated Scenic Roads. These roads include, Chocolog Road, Elmwood Avenue, Chestnut Street (from Aldrich Street to Elmwood Avenue), South Street and Chapin Street. Trimming and removal would be in association with National Grid's Distribution Line Clearance Specifications. Any objections to this work must be submitted in writing to the Planning Board/Tree Warden, prior to or during the hearing. All comments shall be sent to: Tree Warden c/o Uxbridge Planning Board, 21 South Main Street, Uxbridge, MA 01569.

Notice to appear in the Worcester Telegram & Gazette on Wednesday, October 12<sup>th</sup> & October 19<sup>th</sup>. Copies of the proposals are on file and available for review at the Planning office during regular business hours.

Planning Board  
Benn S. Sherman, PE, Director of Public Works/Tree Warden

- cc: Town Clerk
- Applicant/Representative
- Abutters
- Town Manager
- Worcester Telegram & Gazette
- Planning Board
- Conservation Commission
- Department of Public Works
- Bldg. Dept.
- Public Safety Committee
- Assessors

PB

FP17-01TH  
(Tree Hearing)

**nationalgrid**

John Zamierowski-Utility Arborist  
245 South Main Street  
Hopedale, MA 01747  
Office: (508) 482-1205

September 29, 2016

OCT 12 '16 AM 11:14

Mr. Benn Sherman - Tree Warden  
147 Hecla St  
Uxbridge, MA 01569

Received by  
Uxbridge  
Town Clerk

Attention: Tree Warden and Planning Board - Town of Uxbridge

The purpose of this letter is to make the Tree Warden and Planning Board aware of National Grid's tree related projects requiring routine tree trimming, new construction pruning and tree removal in the Town of Uxbridge on designated Scenic Roads. National Grid's Massachusetts Distribution Line Clearance Specifications are directed at, "the minimum clearance requirements necessary to sustain safe, reliable electric service" and achieve, "the optimum clearance requirements necessary to sustain an appropriate level of safety and reliability."

There are four Scenic Roads on our maintenance feeders that require routine trim in the Town of Uxbridge. These roads are: Chocolog Rd, Elmwood Ave, Chestnut St and South St. ABC Tree, is currently the contractor responsible for doing routine trimming on these circuits, and has brought forward concerns regarding how to proceed on scenic roads in the Town of Uxbridge. We are requesting from the Town of Uxbridge that work on the previously mentioned Scenic Roads be held to the same standard as other roads outlined by National Grid's MA Distribution Line Clearance Specifications. All work needed to take place will be outlined in the document, "Scenic Road Tree Worksheet."

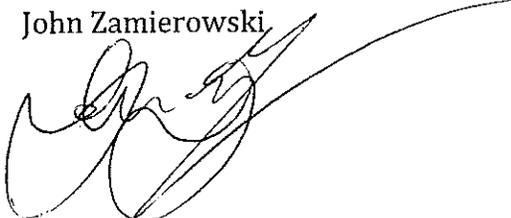
245 South Main Street  
Hopedale, MA 01747-1499

In addition, National Grid has a new construction project for an increased electrical feed to the Southwick Zoo in Mendon, MA. This project will be fed from Blackstone St, Uxbridge and carried along Chapin St until its termination into the Southwick Zoo. This section of Chapin St, Uxbridge will require increased cutting specifications to accommodate for the new 45' poles, the addition of a 13.8kV phase, 8' crossarms and new transformer upgrades. Multiple trees will have to be cut down and extensive tree trimming will be required to continue safe, reliable service to the customers along Chapin St. All work for this project will be outlined in the document, "New Construction Scenic Road Tree Worksheet."

Mr. Benn Sherman, Tree Warden for the Town of Uxbridge, is aware of all intended work National Grid's Forestry Department has outlined in this letter and has been with a representative of National Grid's Forestry Department when viewing all work outlined on the previously listed Scenic Roads. In addition, National Grid's Forestry Department has always kept the Tree Warden in the Town of Uxbridge aware of all work needed to take place in the Town of Uxbridge and strives to continue building relations, transparency and understanding with all intended tree work required. In the future, National Grid's Forestry Department requests a more defined set of utility tree trimming expectations to help routine trimming, hazard tree removals and new construction jobs in the Town of Uxbridge, if at all possible.

Thank you,

John Zamierowski



245 South Main Street  
Hopdale, MA 01747-1499

### I. Scope/Intent

1.1 These specifications cover the cutting, clearing, pruning, tree removal and herbicide treatment of vegetation along overhead electric distribution lines and the corresponding substations. The intent is to define the minimum clearances to be obtained between the overhead conductors and vegetation that will be acceptable to National Grid. These specifications are strictly for use on overhead line maintenance pruning projects. This is not a specification to be used for enhanced hazard tree removal, new construction clearing or rebuild construction clearing.

### II. Program Objectives:

2.1 The goals and objectives of the NGRID Distribution Line Clearance program are to provide safe, reliable, electric service through a cost effective, integrated vegetation management program. NGRID acknowledges differences in the manner in which various landowners respond to the need for routine line clearance activities, together with occasional differences in easement rights. Therefore, these specifications are designed to address:

- the minimum clearance requirements necessary to sustain safe, reliable electric service while striving to satisfy the concerns of sensitive customers,
- and the optimum clearance requirements necessary to sustain an appropriate level of safety and reliability.

### III. Definitions:

**Maintained Area:** Generally defined as an area where the landowner or occupant is mowing the lawn and/or caring for gardens, ornamental shrubs or trees in the area under and immediately adjacent to the distribution poles. It includes commercial land uses such as business areas, parking lot edges and the tree lawn areas along urban and suburban streets. Un-maintained areas, of course, hold the opposite of these characteristics. It should be noted that within residential (maintained) areas there may be small sections of un-maintained property between yards or along the roadside of residential front lawns, etc. These small sections shall be treated as maintained areas for the purposes of this specification.

**Mature Tree Line:** A generally straight and contiguous line of trees nine (9) inches d.b.h. or greater, that mark the boundary between the forested edge and the maintenance corridor. In the case of an existing mature tree line, there may be individual mature trees that are rooted closer to the pole centerline than the common mature tree line. In these instances the mature tree line continues behind those individual trees.

**Maintenance Corridor:** The area physically located under and alongside the overhead distribution feeder bounded by the mature tree line when one exists. In the absence of a mature tree line the maintenance corridor is defined as the area that is at least ten (10)

feet either side of the pole centerline or equal to the previously maintained dimensions if greater than ten (10) feet.

**Service Drop or Service Line:** The last span of triplex or open three wire extending to the building or meter pole or a multi-span run of either triplex or open three wire that serves a single customer. This does not include street light services.

**Secondary:** The conductor, either triplex or open wire, which extends from the transformer to the Service Drop. Secondary spans may run along under primary spans or separately.

**Street Light Secondary:** The conductor, either triplex or open wire, which leaves the primary pole to pole configuration and extends out to service a street light or lights.

#### IV. Scope of Work:

- 4.1 **Pruning Standards:** All pruning shall be performed in accordance with ANSI A300 standards as well as the Best Management Practices – Tree Pruning publication. All cuts shall be made at a parent branch or limb, so that no stub shall remain. In cutting back a branch, the cut shall be made at a crotch or node where the branch being removed is at least one-third the diameter of the parent limb. All pruning cuts shall be made in accordance with proper collar cutting methods, utilizing drop crotch principles to minimize the number of pruning cuts, promote natural growth patterns, and maintain tree health and vigor (ANSI A300). Climbing irons or spurs shall not be used in pruning a shade/ornamental tree to be saved. Tree wound dressings shall not be applied.
- 4.2 **Line Clearance within Maintained Areas:** All overhead primary lines shall be pruned to provide a minimum of ten (10) feet of overhead clearance, a minimum of six (6) feet of side clearance from the outermost phase and a minimum of ten (10) feet of clearance below the wires. The contractor shall recognize that the use of ANSI A300 standards and techniques will result in clearances beyond the dimensions noted above.
  - 4.2.1 The main trunk of the tree or major leads which are structurally sound and healthy may be left growing within these distances as long as none of the smaller diameter end branches are within the clearance dimensions. In that case the lead must be removed.
  - 4.2.2 Where greater clearances have been achieved in previous cycles, the pruning shall be completed so as to re-establish the clearances in a manner that equals or exceeds the previous clearance conditions.
  - 4.2.3 The contractor shall ground cut any new volunteer growth capable of growing into the wires from around poles, guys, fences, etc. within the maintained yard areas after notifying the property owner.
  - 4.2.4 It is an objective of National Grid's program to continually strive to reduce the number of under-wire tree and branch growth that will continually require pruning, by removing as many stems and growth as possible on each cycle. The Contractor is expected to emphasize this type of removal through the landowner contacts made by their customer contact personnel.

- 4.2.5 Contractor shall exercise extreme care when pruning ornamental plantings. Species, growth rates and growth characteristics should be taken into account and may require differing clearances.
  - 4.2.6 All slash from pruning in maintained areas shall be disposed of through chipping. Large diameter wood may remain on site provided it is cut into manageable lengths and piled neatly. Smaller debris shall be raked up and removed so as to leave the property in a condition equal to the start of work.
- 4.3 Line Clearance Outside of Maintained Areas: All overhead lines shall be pruned to provide a minimum of fifteen (15) feet of overhead clearance and six (6) feet of side clearance from the outermost phase.
- 4.3.1 Along off-road sections the contractor shall completely remove all side branches that extend into the maintenance corridor from below and beside the lines in order to “box out” the maintenance corridor. This practice will minimize future pruning efforts as well as improve storm restoration and line inspection efficiencies.
  - 4.3.2 Where greater clearances have been achieved in previous cycles, the pruning shall be completed so as to re-establish the clearances in a manner that equals or exceeds the previous clearance conditions.
  - 4.3.3 The contractor shall ground cut all trees and shrubs which have the ability to interfere with the conductor out to the limits of the existing maintenance corridor. Where a maintenance corridor does not already exist, ground cutting shall be performed for a minimum distance of ten (10) feet either side of centerline. Ground cutting shall include stems of eight (8) inches d.b.h. or less, all as part of the fixed price bid. Along individual spans that have been previously maintained using National Grid’s past eight (8) foot targeted ground cutting specification (trimming and removal) the same approach shall be utilized.
  - 4.3.4 Where trees beyond the limits of the maintenance corridor are extending into the corridor, the contractor shall either prune those limbs back or have the option to remove the tree as part of the fixed price bid. For trees, eight (8) inches d.b.h. or less, where the top of the tree is leaning out into the corridor so that topping would be the only possible correction, the contractor shall ground cut that tree as part of the fixed price bid.
  - 4.3.5 Stumps shall be cut flat and as close to grade as possible.
  - 4.3.6 All slash along the roadway or near residences shall be disposed of by chipping or mowing/mulching. Where practical, chips may be blown back onto the site without creating large chip piles. On off-road, unmaintained sites, slash shall be mowed/mulched or neatly windrowed to the edge of the maintenance corridor and cut to lie close to the ground, away from sensitive locations. No debris shall be left anywhere that will potentially block access, significantly alter any drainage or water resource, or create any unsafe condition for the public. Alternatives to these practices must be approved by National Grid’s Forestry representative and by the current landowner.
- 4.4 All dead or damaged overhead limbs, branches or leads that are capable of falling onto overhead primary wires from above or along side the right-of-way and potentially causing a tree outage, shall be removed at the time of pruning, and included in the fixed price bid.

- 4.5 For all pine species growing above the overhead clearance limits with boughs overhanging primary conductor - the contractor shall shorten all overhanging boughs so to reduce the length of the branch by approximately 1/3 without removing all needle growth from the entire branch. This shall be done in a progressive manner beginning at the upper clearance dimension (10 or 15 feet) and working upwards generally two (2) whorls in the tree as necessary to reduce the likelihood of a long pine bough loaded with ice or wet snow, drooping down or breaking onto the conductors.
- 4.6 Pruning Clearance for Secondary and Service Lines:
- 4.6.1 All secondary wire (triplex and open wire), other than that serving street lights only, shall be pruned to provide a minimum of eighteen inches of clearance from wire to vegetation.
- 4.6.2 All service wires (triplex or open wire) and street light secondary on the circuit shall be inspected during the pruning process. For branches that are either making hard contact with the service wire, pushing on or creating tension enough to force the wire out of a natural arc, or redirecting the wire out of a straight line run, the vendor shall do whatever pruning is necessary to correct that situation. The entire service drop need not be pruned, only the point of conflict.
- 4.6.3 For open wire services, pruning is required for all the situations noted in 4.6.2 as well as anytime vegetative growth is forcing the three wires out of their normal configuration. The vendor must take extra care when pruning around open wire services so not to cause a service interruption to our customers.
- 4.7 Multiple Circuits and Under-builds: The contractor shall prune all distribution circuits on a pole unless otherwise called out on the bid documents. Where a distribution circuit is under-built below a sub-transmission line the contractor is responsible for the pruning of both the distribution circuit as well as the over-built circuit utilizing the specification of the higher voltage circuit unless otherwise directed in the bid documents. The contractor is also responsible for work on any primary, secondary or service tap running off the sub-transmission pole line along that specific distribution circuit. Any exceptions to the above will be explained at the time of bidding. Reference the appropriate sections of either National Grid's Sub-T IVM and/or Sideline specifications depending on the under-built situation.
- 4.8 Circuits along Transmission Rights-of-Way: The contractor shall employ this specification on all sections of distribution circuits that run along segments of transmission rights-of-way except for areas where the distribution circuit is actually under-built on the same pole. In those cases the above section will apply. Any exceptions to the above will be explained at the time of bidding.
- 4.9 Substation Clearances: All vegetation within 10' of the substation fence shall be pruned, from ground to sky, removed and chipped and no overhanging branches shall be allowed to remain. Where shrubs and trees have been planted for screening purposes and are rooted within the 10' distance, only the fence side branches shall be removed. Any volunteer growth (natural regeneration) rooted within the 10' distance shall be removed.

- 4.10 Vine Control: All vines growing on poles, guy wires, stub poles or towers shall be cut so as to create a “growth gap” of 4 feet and treated (where appropriate) with a herbicide approved by the company.. Contactors should not attempt to remove vines from any structure.
- 4.11 Hazard Tree Inspection and Removal: Other than work required in previous sections, the removal of any tree over 8 inches d.b.h. within the maintenance corridor or outside the maintenance corridor shall be considered a hazard tree removal and is outside the fixed price bid.
- 4.11.1 While pruning the circuit, the contractor’s personnel shall perform a visual inspection of each tree along the circuit in order to identify potential defects and determine the potential risk for the tree to cause an interruption over the length of the pruning cycle. The crew shall work closely with National Grid Forestry representative to determine potential hazard trees, preparing a list of trees in accordance with National Grid’s Hazard Tree Reporting Form. The completed lists of potential hazard trees shall be regularly provided to the Forestry representative for review and approval prior to removing any of those specific trees. Exceptions to this procedure may be approved to enable removals of trees that have been pre-identified as hazard trees by National Grid representatives, trees that pose an imminent risk, or to authorize hazard tree removals in off-road areas where a skidder bucket is already on site.
- 4.11.2 Once a crew completes the removals on an approved list they shall note the completion details on the Hazard Tree Reporting Form. This form shall be submitted to the Forestry representative on a timely basis. Once the list is audited the contractor may submit an invoice for that specific work.

V. Contractor Requirements

- 5.1 The Contractor shall do all work and furnish all labor including supervision, tools, machinery and transportation necessary for the pruning, removal and herbicide treatment of trees to provide acceptable vegetation clearance for overhead lines of National Grid. Work at the fixed price rates will be designated on the distribution circuit maps, and identified in the pre-bid documents. Work at the fixed price is based on overhead primary miles of line, and includes pruning, tree and lead removal and herbicide treatment to all primary, secondary, service drops, and substation fence areas as clarified in the Work Scope section of this specification. Work at unit prices and/or hourly rates as also defined in the Work Scope section will be designated at the pre-bid meeting or by a National Grid Forestry representative as required.

VI. Contractor’s Responsibility

- 6.1 The Contractor shall provide all necessary supervision, labor, material, tools and equipment for the safe execution of all work covered by these specifications.
- 6.2 The Contractor shall employ a competent field supervisor and customer contact person(s) acceptable to the Corporation, in addition to the crew Foreman and senior Company management. Notification personnel shall be qualified in tree identification including identification of “proper under powerline trees”. The supervisor shall be available to the Corporation at all reasonable times during the entire extent of the project and/or contract. In addition, at least one member of each stand-alone crew or unit of crews shall be fluent in the English language and on-site.
- 6.3 The Contractor shall comply with all building and sanitary laws and all Federal, State, County, Town and Municipal laws, ordinances and regulations pertaining to the work. The contractor shall be responsible for obtaining all permits necessary to perform the work unless otherwise provided by National Grid.
- 6.4 The Contractor shall notify each landowner and inform them of the clearing, removal, pruning and herbicide work to be done, and where appropriate, agree on access point(s), before crossing the property and then abide by the same. The Contractor shall designate a Customer Contact Person(s) for each project they are awarded and communicate that name and phone contact information for that person to the National Grid forestry representative for that project.
- 6.5 In the event that the Contractor cannot locate the landowner after using all reasonable measures, or upon locating them is aware of an objection to the work to be performed, the Contractor shall document the landowners concern and then notify the National Grid’s forestry representative within 24 hours in order to obtain specific instructions and/or their permission prior to commencing work on that property.
- 6.6 In addition to the above notifications, where herbicide applications will be made, the Contractor must follow any and all current notification requirements of any applicable regulations.
- 6.7 The Contractor shall be held solely liable and indemnify National Grid fully for any and all claims and legal expenses for damage to crops, land, trees or otherwise resulting from such violations, failure or damages arising out of the Contractor’s negligence. The Contractor shall not be liable for claims or suits for damage to property if the work causing such damage is done under specific direction from NGRID.
- 6.8 The Contractor shall replace or make necessary repairs to all property destroyed or damaged in the course of the work and exercise due care and diligence in adequately protecting all properties, both real and personal, from damage of whatsoever nature whenever crossed over, on, or in the vicinity of the work. If the contractor neglects or fails to promptly make said repairs or make good of said destruction, the Corporation may make any and all necessary repairs to the satisfaction of the property owner and the Contractor agrees to promptly reimburse the Corporation the amount of its incurred cost and expenses.

- 6.9 The contractor shall inform the National Grid Forestry representative of their intent to start work at least two weeks prior to the start of any action on a feeder.
- 6.10 The Contractor shall implement and provide the required training and certification programs necessary to provide fully qualified Line Clearance Tree Trimmers or Line Clearance Tree Trimmer Trainees. A single Foreman may supervise multiple bucket trucks on the same project. In that case however, the minimum qualifications for the “lead” person on each of the other trucks shall be a certified qualified Line Clearance Tree Trimmer. At least one other employee on the truck shall be at least a qualifying Line Clearance Tree Trimmer Trainee, in accordance with all applicable OSHA requirements.
- 6.11 The Contractor shall submit a weekly time report to the National Grid Forestry representative, indicating the labor and equipment assigned to the project, amount of work accomplished, quantities and location of herbicide applications and location of the work.
- 6.12 The Contractor shall provide a monthly summary report to Distribution Forestry, identifying crew staffing and equipment by area as of the first of each month, to be submitted by the 5<sup>th</sup> of each month or the following Monday should the 5<sup>th</sup> fall on the weekend. The report shall also identify work type (e.g., such as hourly, new construction, danger trees, mowing; lump sum or unit price) by project, percentage complete for all fixed price projects, and anticipated completion dates.
- 6.13 The Contractor shall provide a monthly OSHA injury summary report in a format supplied by National Grid for the previous month, no later than the 10<sup>th</sup> of the month or the following Monday should the 10<sup>th</sup> fall on the weekend. The data in the report shall be separated by state as well as reported for the overall Contractor Company for any and all United States operations.
- 6.14 By April 10<sup>th</sup> of each year, the contractor shall provide a list of employees and Aerial lifts that could reasonably be expected to work on National Grid’s property to Distribution Forestry. This listing shall include:

Employees:

- identify the current pay classification of each employee, together with their union certification level,
- the date of their progression to their current pay level,
- the dates each employee completed their required OSHA safety and other training, or retraining, including any annual refreshers,
- the date each employee last demonstrated their tree rescue and climbing proficiency
- the date each employee completed first aid and CPR training,
- identify each certified pesticide applicator and their certification number.

Aerial Lifts:

- The truck number and date of dielectric testing
- The next scheduled dielectric test date

- 6.15 The contractor shall provide a unit cost per tree for the removal of potential hazard trees from the three phase portions of the circuit, as well as “high risk target” hazard trees from the single-phase portions. See the attached Addendum # 1, Hazard Tree Tree Removal, Unit Price Schedule to be bid separately from the fixed price project. National Grid reserves the right to award, in whole or in part, the removal of hazard trees for each bid package on the basis of these unit price costs, or to do the work at the contractor’s current hourly rates.

VII. Acceptance of Work

- 7.1 At appropriate intervals, the Contractor shall report and review the work completed to date with National Grid’s Forestry representative. The Contractor may then invoice for the percentage of the work completed and approved by National Grid.
- 7.2 Near completion of the work, the Contractor shall notify the National Grid Forestry representative that the entire project has been reviewed by the contractor’s supervision and is now ready for inspection. Upon review and acceptance of all required work including the resolution of any and all required corrective actions as well as any outstanding damage claims, the NGRID Forestry representative will give the Contractor permission to submit a final invoice for payment.
- 7.2.1 Traffic detail costs associated with re-work or corrective action shall be borne by the Contractor.
- 7.3 The contractor shall understand, per their signed Master Purchase order with NGRID that time is of the essence with respect to the performance of this work. The contractor shall take all appropriate actions necessary to complete the work on schedule. Those actions shall include among other things, the use of overtime, the use of supplemental labor crew resources from outside areas, and the use of subcontractors, notwithstanding the NGRID requirement for advanced approval of all subcontractors. All actions employed by the contractor to meet schedules are at their cost and shall not affect the lump sum contract amount. In the event of extenuating circumstances defined by NGRID, the company reserves the right to extend project completion dates.



# National Grid Forestry Dept

## Scenic Road Tree Worksheet

Arborist: Dave Donoghue & John Zamierowski  
 Town: Uxbridge



Date: 09/13/2016  
 Nominal Voltage: 13.8KV  
 Circuit: 312W2

Number	Work Address:	Sheet	Pole #s	Work Description
1	Chocolog Rd		2-3	Trim
2	Chocolog Rd		3-4	Trim
3	Chocolog Rd		4-5	Trim
4	Chocolog Rd		5-6	Trim
5	Chocolog Rd		6-7	Trim
6	Chocolog Rd		7-8	Flatcut and Trim
7	Chocolog Rd		8-9	Trim
8	Chocolog Rd		9-10	Trim
9	Chocolog Rd		10-11	Trim
10	Chocolog Rd		11-12	Flatcut and Trim
11	Chocolog Rd		12-13	Trim
12	Chocolog Rd		13-14	Trim
13	Chocolog Rd		14-15	Trim
14	Chocolog Rd		15-16	Trim
15	Chocolog Rd		16-17	Trim
16	Chocolog Rd		17-18	Trim
17	Chocolog Rd		18-19	Trim
18	Chocolog Rd		19-20	Flatcut and Trim
19	Chocolog Rd		20-21	Trim
20	Chocolog Rd		21-22	Trim
21	Chocolog Rd		22-23	Trim
22	Chocolog Rd		23-24	Trim
23	Chocolog Rd		24-25	Trim
24	Chocolog Rd		25-26	Trim
25	Chocolog Rd		26-27	Trim
26	Chocolog Rd		27-28	Trim
27	Chocolog Rd		28-29	Trim
28	Chocolog Rd		29-30	Trim
29	Chocolog Rd		30-31	Trim

# National Grid Forestry Dept

## Scenic Road Tree Worksheet

Arborist: Dave Donoghue & John Zamierowski  
 Town: Uxbridge



Date: 09/13/2016  
 Nominal Voltage: 13.8kV  
 Circuit: 312W2

Number	Work Address:	Sheet	Pole #s	Work Description
30	Chocolog Rd		31-32	Trim
31	Chocolog Rd		32-33	Trim
32	Chocolog Rd		33-34	Trim
33	Chocolog Rd		34-35	Trim
34	Chocolog Rd		35-36	Trim
35	Chocolog Rd		36-37	Trim
36	Chocolog Rd		37-38	Trim
37	Chocolog Rd		38-39	Trim
38	Chocolog Rd		39-40	16" oak, 7" dead hemlock, 12" dead hemlock remove and trim
39	Chocolog Rd		40-41	16" oak, 18" oak remove and trim
40	Chocolog Rd		41-42	Trim
41	Chocolog Rd		42-43	Trim
42	Chocolog Rd		43-44	Trim
43	Chocolog Rd		44-45	Trim
44	Chocolog Rd		45-46	Trim
45	Chocolog Rd		46-47	Trim
46	Chocolog Rd		47-48	Trim
47	Chocolog Rd		48-49	Trim
48	Chocolog Rd		49-50	Trim
49	Chocolog Rd		50-51	Trim
50	Chocolog Rd		51-52	Trim
51	Chocolog Rd		52-53	Trim
52	Chocolog Rd		53-54	Trim
53	Chocolog Rd		54-55	Flat cut and Trim
54	Chocolog Rd		55-56	Trim
55	Chocolog Rd		56-57	Flat cut and Trim
56	Chocolog Rd		57-58	22" dead black oak, flat cut and trim
57	Chocolog Rd		58-59	Flat cut and Trim
58	Chocolog Rd		59-60	Trim

# National Grid Forestry Dept

## Scenic Road Tree Worksheet

Arborist: Dave Donoghue & John Zamierowski

Town: Uxbridge



Date: 09/13/2016

Nominal Voltage: 13.8kV

Circuit: 312W2

Page 3 of 7

Number	Work Address:	Sheet	Pole #s	Work Description
59	Chocolog Rd		60-61	Trim
60	Chocolog Rd		61-62	Flat cut and trim
61	Chocolog Rd		62-63	Flat cut and trim
62	Chocolog Rd		63-64	Trim
63	Chocolog Rd		64-65	Trim
64	Chocolog Rd		65-66	Trim
65	Chocolog Rd		66-67	Flat cut and trim
66	Chocolog Rd		67-68	Flat cut and trim
67	Chocolog Rd		68-69	Trim
68	Chocolog Rd		69-70	Trim
69	Chocolog Rd		70-71	Trim
70	Chocolog Rd		71-72	Trim
71	Chocolog Rd		72-73	Flat cut and trim
72	Chocolog Rd		73-74	Flat cut and trim
73	Chocolog Rd		74-75	Trim
74	Chocolog Rd		75-76	Trim
75	Chocolog Rd		76-77	Trim
76	Chocolog Rd		77-78	Flat cut and trim
77	Chocolog Rd		78-79	Hazard limbs over wire
78	Chocolog Rd		79-80	Trim
79	Chocolog Rd		80-81	Trim
80	Chocolog Rd		81-82	16" white pine, 5-3" cluster gray birch, cluster sassafras, small pine and trim
81	Chocolog Rd		82-83	3" gray birch and trim
82	Chocolog Rd		83-84	Trim
83	Chocolog Rd		84-85	Trim
84	Chocolog Rd		85-86	Trim
85	Chocolog Rd		86-87	Trim

# National Grid Forestry Dept

## Scenic Road Tree Worksheet



Arborist: Dave Donoghue & John Zamierowski  
 Town: Uxbridge

Date: 09/13/2016  
 Nominal Voltage: 13.8KV  
 Circuit: 312W2

Number	Work Address:	Sheet	Pole #s	Work Description
1	Elmwood Ave		1-2	Flat cut and trim
2	Elmwood Ave		2-3	Flat cut and trim
3	Elmwood Ave		3-4	Trim
4	Elmwood Ave		4-5	Trim
5	Elmwood Ave		5-6	Trim
6	Elmwood Ave		6-7	Trim
7	Elmwood Ave		7-8	Trim
8	Elmwood Ave		8-1	Flat cut and trim
9	Elmwood Ave		1-1.5	Flat cut and trim
10	Elmwood Ave		1.5-2	Trim
11	Elmwood Ave		2-2.5	Trim
12	Elmwood Ave		2.5-3	Trim
13	Elmwood Ave		3-3x	Flat cut and trim
14	Elmwood Ave		3x-4	Trim
15	Elmwood Ave		4-4x	18" dead oak and trim
16	Elmwood Ave		4x-5	Trim
17	Elmwood Ave		5-5x	Flat cut and trim
18	Elmwood Ave		5x-6	Flat cut and trim
19	Elmwood Ave		6-6x	Flat cut and trim
20	Elmwood Ave		6x-7	Trim
21	Elmwood Ave		7-8	Flat cut and trim
22	Elmwood Ave		8-8.5	Flat cut and trim
23	Elmwood Ave		8.5-9	Flat cut and trim
24	Elmwood Ave		9-9.5	Flat cut and trim
25	Elmwood Ave		9.5-10	Flat cut and trim
26	Elmwood Ave		10-10.5	Flat cut and trim
27	Elmwood Ave		10.5-11	Flat cut and trim
28	Elmwood Ave		11.5-12	Flat cut and trim
29	Elmwood Ave		12-12.5	Flat cut and trim







# Scenic Road Public Hearing FY17-01TH

NGRID Request for Tree Trimming, Pruning & Removal

- Legend**
- Chapin Street
  - Chestnut Street (Lower)
  - Chocolog Road
  - Elmwood Avenue
  - South Street

