

|  |                                    |                    |                                |
|--|------------------------------------|--------------------|--------------------------------|
| U.S. DEPARTMENT OF AGRICULTURE<br>FOREST SERVICE<br><br><b>INTEGRATED RESOURCE CONTRACT</b><br>(Applicable to Contracts with Measurement before Harvest) |                                    | Name of Contractor |                                |
| National Forest<br>Chattahoochee/Oconee  | Ranger District<br>Challooga River | Region<br>Southern | Contract Number                |
| Contract Name<br>Locust Stake North Re-Ad 2  |                                    | Award Date         | Termination Date<br>03/31/2018 |

The parties to this contract are The United States of America, acting through the Forest Service, United States Department of Agriculture, hereinafter called Forest Service, and \_\_\_\_\_ hereinafter called Contractor.

Unless provided otherwise herein, Forest Service agrees to sell and permit Contractor to cut and remove Included Timber and Contractor agrees to purchase, cut, and remove Included Timber and complete required stewardship projects.

IN WITNESS WHEREOF, the parties hereto have executed this contract as of the award date.

**UNITED STATES OF AMERICA**

Two Witnesses:<sup>2/</sup>

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Address)

By: \_\_\_\_\_  
Contracting Officer

\_\_\_\_\_  
(Title)

By: \_\_\_\_\_  
(Contractor) <sup>3/</sup>

\_\_\_\_\_

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Business Address)

I, <sup>4/</sup> \_\_\_\_\_, certify that I am the \_\_\_\_\_  
 Secretary of the corporation named as Contractor herein; that \_\_\_\_\_  
 who signed this contract on behalf of Contractor, was then \_\_\_\_\_  
 of the corporation; that the contract was duly signed for and in behalf of the corporation by authority of its governing body, and is  
 within the scope of its corporate powers.

CORPORATE  
SEAL <sup>5/</sup>

**INSTRUCTIONS:**

1/ If Contractor is a corporation, state a "corporation organized and existing under the laws of the State of \_\_\_\_\_" and specify the State; if Contractor is a partnership, state a "partnership consisting of \_\_\_\_\_" and specify the names of each partner; and if Contractor is a sole proprietor doing business under an assumed name, state "(n) individual doing business under the name of \_\_\_\_\_ City of \_\_\_\_\_, State of \_\_\_\_\_."

2/ The signatures and addresses of two witnesses are required if Contractor is other than a corporation.

3/ If Contractor is a co-partnership, the signatures should be: XYZ Company, by John Doe, a member of the firm. If Contractor is a corporation, form of signature should be: XYZ Company, by John Doe, President (or other officer or agent) and the seal of the corporation must be impressed or indicated.

4/ The certificate must be completed if Contractor is a corporation.

5/ For companies incorporated in States that require a corporate seal, if the corporation has no corporate seal that fact shall be stated, in which case a scroll or adhesive seal shall follow the corporate name.

| <b>EXAMPLE 1/</b>  |                               |
|--|-------------------------------|
| <p><u>Subcontractor Certification</u><br/> <u>Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion</u></p>  |                               |
| <p>Contract Name: _____<br/> National Forest: _____</p>  |                               |
| <p>The prospective subcontractor (participants in lower tier covered transactions) certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this contract by any Federal department or agency.</p> |                               |
| <p>Where the prospective subcontractor is unable to certify to any of the statements in this certification, such prospective subcontractor shall attach an explanation to this proposal.</p>   |                               |
| <p>Name of Subcontractor: _____<br/> Business Address: _____<br/> _____</p>  |                               |
| <p>_____</p> <p>Date</p>   | <p>_____</p> <p>Signature</p> |
| <p>1/ It is Contractor's responsibility to have subcontractors complete this certification and to maintain a file of completed certifications. This certification does not need to be returned to the Forest Service, except at the written request of the Contracting Officer.</p>  |                               |

**AT.0 - SPECIFIC CONDITIONS.** The following conditions apply to the indicated portions of Division BT - Standard Provisions issued September 2004.

**AT.1 - Location and Area,** applicable to BT.1

This Contract Area of 1000 acres more or less is located in:

South on 441 S. to Hwy 17 Alt. towards Toccoa for approx. 8 miles. Take Rt. on Bendn Hickory Rd for approx. 3 miles. Take Rt. on Locust Stake Rd. for approx. 1.5 miles into Unit #1. Return to Bendn Hickory Rd., take Rt for approx. 2.5 miles to FSR 316. into Unit # 2. Return to Bendn Hickory Rd. for approx 3 miles and take Rt. onto Deadman Branch for approx .75 miles then take Rt. on to FSR. 170 into Unit # 3.

**AT.2 - Volume Estimate and Utilization Standards,** applicable to CT.1, CT.2, CT.4, and GT.4

| Species               | Product   | Estimated Quantity * | Unit of Measure | Minimum Specifications                 |                                   |                              |  |                               |
|-----------------------|-----------|----------------------|-----------------|--|-----------------------------------|------------------------------|--|-------------------------------|
|                       |           |                      |                 | Merchantable Tree                      |                                   | Piece Required to be Removed |  |                               |
|                       |           |                      |                 | Diameter Breast High (d.b.h.) (Inches) | Number of Minimum Pieces per Tree | Length (feet)                | Diameter Inside Bark at Small End (Inches) | Net Scale in % of Gross Scale |
| Hardwoods             | Sawtimber | 8.00                 | CCF             | 12.0                                   | 1.5                               | 12                           | 8.3  | 30                            |
| Hardwood - Low Grade  | Sawtimber | 4.00                 | CCF             | 12.0                                   | 1.5                               | 12                           | 8.3  | 30                            |
| Southern Yellow Pine  | Sawtimber | 837.00               | CCF             | 9.0                                    | 1.5                               | 12                           | 6.3  | 30                            |
| Combined Hardwoods    | Pulpwood  | 236.00               | CCF             | 5.0                                    | 1                                 | 10                           | 3.5  | N/A                           |
| Combined Softwoods    | Pulpwood  | 803.00               | CCF             | 5.0                                    | 1                                 | 10                           | 3.5  | N/A                           |
| <b>Total Quantity</b> |           | 1,888.00             | CCF             |  |                                   |                              |  |                               |

\* Quantities not included here are described in CT.4.

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

**AT.3- Timber Designations**, applicable to CT.3; acres are approximate:

|  | Number   | Acres |
|--|--|-------|
| Clearcutting Units (CT.3.1)                  | _____  | _____ |
| Specified Road Clearing (CT.3.2)             | _____  | _____ |
| Overstory Removal Units (CT.3.3)             | _____  | _____ |
| Understory Removal Units (CT.3.4)            | _____  | _____ |
| Individual Trees (CT.3.5)                    |  | 178   |
| Incompletely Measured Payment Units (CT.3.6) | _____  | _____ |

**AT.4 - Timber Payment Rates**, applicable to DT.1 and ET.0

**AT.4.1 - Escalated Rates**, applicable for Species and Products to be Paid for at Rates Escalated under DT.2

| Species        | Product | Unit of Measure | Rates per Unit of Measure |               |                |                    | Required Deposits Slash Disposal \$ | Base Index |
|----------------|---------|-----------------|---------------------------|---------------|----------------|--------------------|-------------------------------------|------------|
|                |         |                 | Base \$                   | Advertised \$ | Bid Premium \$ | Bid (Tentative) \$ |                                     |            |
| Not Applicable |         |                 |                           |               |                |                    |                                     |            |

**AT.4.2- Flat Rates**, applicable for Species and Products to be Paid for at Flat Rates

| Species              | Product   | Unit of Measure | Rates per Unit of Measure |               |                |               | Required Deposits Slash Disposal \$ |
|----------------------|-----------|-----------------|---------------------------|---------------|----------------|---------------|-------------------------------------|
|                      |           |                 | Base \$                   | Advertised \$ | Bid Premium \$ | Bid (Flat) \$ |                                     |
| Hardwoods            | Sawtimber | CCF             | 5.00                      | 44.04         |                |               | .00                                 |
| Hardwood - Low Grade | Sawtimber | CCF             | 5.00                      | 5.00          |                |               | .00                                 |
| Southern Yellow Pine | Sawtimber | CCF             | 5.00                      | 25.15         |                |               | .00                                 |
| Combined Hardwoods   | Pulpwood  | CCF             | 1.00                      | 1.00          |                |               | .00                                 |
| Combined Softwoods   | Pulpwood  | CCF             | 1.00                      | 1.00          |                |               | .00                                 |

For purposes of convenience in collection and bookkeeping, Bid Rates stated in AT.4 include payment of deposits for contract area betterment required pursuant to 16 USC 576b. Such deposits are not included as Required Deposits defined hereunder.

AT.4.3 - Schedule of Payment Units

| Payment Unit No.                   | App rox. Acres | To be Escalated under AT.4.1       |         |     |     | Total Tentative Payment \$ | To be Paid for at Flat Rates under AT.4.2 |         |        |     | Total Flat Rate Payment \$ | Total Required Deposits for Slash Disposal \$ |
|------------------------------------|----------------|------------------------------------|---------|-----|-----|----------------------------|---|---------|--------|-----|----------------------------|---|
|                                    |                | Species                            | Product | Qty | UOM |                            | Species                                   | Product | Qty    | UOM |                            |   |
| 1                                  | 61             |                                    |         |     |     | Hardwood - Low Grade       | Sawtimber                                 | 2.00    | CCF    |     | .00                        |   |
|                                    |                |                                    |         |     |     | Southern Yellow Pine       | Sawtimber                                 | 327.00  | CCF    |     |                            |   |
|                                    |                |                                    |         |     |     | Combined Hardwoods         | Pulpwood                                  | 71.00   | CCF    |     |                            |   |
|                                    |                |                                    |         |     |     | Combined Softwoods         | Pulpwood                                  | 382.00  | CCF    |     |                            |   |
|                                    |                | <b>Total PU Quantity And Value</b> |         |     |     |                            |   |         | 782.00 | CCF |                            |   |
| 2                                  | 46             |                                    |         |     |     | Hardwood - Low Grade       | Sawtimber                                 | 0.00    | CCF    |     | .00                        |   |
|                                    |                |                                    |         |     |     | Southern Yellow Pine       | Sawtimber                                 | 137.00  | CCF    |     |                            |   |
|                                    |                |                                    |         |     |     | Combined Hardwoods         | Pulpwood                                  | 17.00   | CCF    |     |                            |   |
|                                    |                |                                    |         |     |     | Combined Softwoods         | Pulpwood                                  | 157.00  | CCF    |     |                            |   |
|                                    |                | <b>Total PU Quantity And Value</b> |         |     |     |                            |   |         | 311.00 | CCF |                            |   |
| 3                                  | 71             |                                    |         |     |     | Hardwoods                  | Sawtimber                                 | 8.00    | CCF    |     | .00                        |   |
|                                    |                |                                    |         |     |     | Hardwood - Low Grade       | Sawtimber                                 | 2.00    | CCF    |     |                            |   |
|                                    |                |                                    |         |     |     | Southern Yellow Pine       | Sawtimber                                 | 373.00  | CCF    |     |                            |   |
|                                    |                |                                    |         |     |     | Combined Hardwoods         | Pulpwood                                  | 148.00  | CCF    |     |                            |   |
|                                    |                |                                    |         |     |     | Combined Softwoods         | Pulpwood                                  | 264.00  | CCF    |     |                            |   |
| <b>Total PU Quantity And Value</b> |                |                                    |         |     |     |                            | 795.00                                    | CCF     |        |     |                            |   |

**AT.4.4 - Stewardship Credits, applicable to ET.2.2 and KT-GT.9#**

| Mandatory Stewardship Projects |   |                  |          |             |               |
|--------------------------------|---|------------------|----------|-------------|---------------|
| Project Number                 | Project Description                                   | Units of Measure | Quantity | Bid Rate \$ | Total Credits |
| 1                              | Smooth Coneflower Herbicide Treatments (Over 2 Years) | Acres            | 16.15    |             |               |
| 2                              | Rehabilitation of Wildlife Openings                   | Acres            | 13.00    |             |               |
|                                |   |                  |          |             |               |
|                                |   |                  |          |             |               |
|                                |   |                  |          |             |               |

| Optional Stewardship Projects |                |                                     |                  |          |             |               |
|-------------------------------|----------------|-------------------------------------|------------------|----------|-------------|---------------|
| Priority                      | Project Number | Project Description                 | Units of Measure | Quantity | Bid Rate \$ | Total Credits |
| 2                             | 3              | Rehabilitation of Wildlife Openings | Acres            | 12.00    |             |               |
|                               |                |                                     |                  |          |             |               |
|                               |                |                                     |                  |          |             |               |
|                               |                |                                     |                  |          |             |               |

The following definitions are established for the terms used in AT.4:

**Base Rates** are the lowest rates of payment for timber that are authorized by this contract. Base Rates remain constant throughout the life of this contract and are not subject to change by rate redetermination, except for reduction under DT.3.1, DT.3.2, or DT.3.3.

**Advertised Rates** are the minimum acceptable Bid Rates for timber, exclusive of Required Deposits. These rates are those indicated by appraisal, with a cost allowance made for construction of Specified Roads listed in AT.7, but are never less than Base Rates.

**Bid Premium Rates** are the amounts by which Contractor's bid is in excess of Advertised Rates. The Bid Premium Rates are constant during this contract, except as provided in DT.3.1, DT.3.2, and DT.3.3.

**Bid Rates** are the rates bid by Contractor (exclusive of Required Deposits for slash disposal and road maintenance) and are the sum of Advertised Rates and Bid Premium Rates. Until a rate redetermination becomes effective, the Bid Rate for species and products in AT.4.1 is the Tentative Rate that is subject to quarterly adjustment under DT.2; for species and products in AT.4.2, the Bid Rate is the Flat Rate.

**Required Deposits** are deposits that Contractor may be required to pay for slash disposal (16 USC 490) and road maintenance (16 USC 537). Required Deposits may be adjusted as part of a rate redetermination or a Contract Term Extension. The table shows only Required Deposits for slash disposal; road maintenance deposits, if any, are given in KT-FT.3.2#.

**Base Index** is the specified average of the lumber or other product selling value index used as the basis for computing adjustment in rates for variance in product selling value, as provided in DT.2.

**AT.5 - Indices Used in Quarterly Adjustment, applicable to DT.2**

| Species        | Index Name and Date |
|----------------|---------------------|
| Not Applicable |                     |

**AT.6 - High Stumps, applicable to GT.4.1.2**

| Species | Product   | Maximum Stump Height (inches) |
|---------|-----------|-------------------------------|
| All     | Sawtimber | 12                            |
| All     | Pulpwood  | 6                             |
|         |           |                               |

**AT.7 - Specified Roads, applicable to FT.2**

Name and Date of Governing Road Specifications:

| Project  |                       | Design Class | Approx. Length (mi./km.) | Sheet Numbers and Approval Date | Performance Responsibility |        |                         |
|----------|-----------------------|--------------|--------------------------|---------------------------------|----------------------------|--------|-------------------------|
|          |                       |              |                          |                                 | Survey                     | Design | Construction Staking 1/ |
| Road No. | Name                  |              |                          |                                 |                            |        |                         |
|          | <b>Not Applicable</b> |              |                          |                                 |                            |        |                         |

1/ Indicate timing, i.e., before clearing (BC) or after clearing (AC). Applicable to FT.2.1.2

**AT.8 - Forest Service Engineering Completion Schedule, applicable to FT.2.1**

| Road No. | Road Name             | Type of Work | Completion Date |
|----------|-----------------------|--------------|-----------------|
|          | <b>Not Applicable</b> |              |                 |

**AT.9 - Fire Precautionary Period, applicable to HT.2**

January 01 to December 31, inclusive

**AT.10 - Contractor Responsibility to Furnish Crews and Equipment for:**

**Initial Fire Suppression, applicable to HT.3**

Within 25 road miles

**Fire Suppression Reinforcement, applicable to HT.3.1.2 and HT.3.1.3**

Within 50 road miles

**AT.11 - Contractor's Obligation per Operations Fire, applicable to HT.4.1**

Maximum Amount: \$ \$2,000

**AT.12 - Termination Date, applicable to IT.2**

March 31, 2018

**AT.13 - Normal Operating Season, applicable to GT.3.1, GT.6.6, IT.2.1, and JT.3**

First Period: March 15 to December 15, inclusive

Second Period: \_\_\_\_\_ to \_\_\_\_\_, inclusive

**AT.14 - Performance Bond, applicable to JT.1**

Performance Bond Amount: \$2,300.00

**AT.15 - Downpayment, applicable to E.T.2.1.1**

Downpayment Amount: Not Applicable

**AT.16 - Periodic Payment Amount, applicable to ET.2.1.3**

|                     | <u>Periodic Payment Determination Date</u> | <u>Amount</u> |
|---------------------|--|---------------|
| Initial Payment:    | <u>N/A</u>                                 | <u>N/A</u>    |
| Additional Payment: | <u>N/A</u>                                 | <u>N/A</u>    |

**AT.17 - Market-Related Contract Term Addition Producer Price Index, applicable to IT.2.1.2**

Index Name: Wood Chips Index Number: 211135

**AT.18 - Inapplicable Provisions**

The following listed provisions are hereby made inapplicable. (Instructions: List by reference number and title.)

|          |                                       |
|----------|---------------------------------------|
| ET.4     | PAYMENTS NOT RECEIVED                 |
| IT.2.1.2 | MARKET-RELATED CONTRACT TERM ADDITION |

**AT.19 - List of Special Provisions In Part KT**

The following listed special provisions are attached to and made a part of this contract. Provisions with reference numbers followed by # contain blanks into which data have been entered for this contract. (Instructions: List by reference number, title, and date.)

|              |  |
|--------------|--|
| KT-CT.2.1    | UTILIZATION AND REMOVAL OF INCLUDED TIMBER (09/2004) |
| KT-CT.3.0#   | PAYMENT UNIT BOUNDARIES (09/2004)                    |
| KT-CT.3.5.5# | INDIVIDUAL TREES (09/2004)                           |
| KT-ET.4      | PAYMENTS NOT RECEIVED (08/2012)                      |
| KT-FT.3.1#   | ROAD MAINTENANCE REQUIREMENTS (09/2004)              |
| KT-GT.6.0.1# | REVEGETATION PLAN AND SPECIFICATIONS (09/2004)       |
| KT-GT.6.3.2# | TEMPORARY ROADS (09/2004)                            |
| KT-GT.7#     | SLASH TREATMENT (09/2004)                            |
| KT-GT.8      | MEASURING (09/2004)                                  |
| KT-GT.9#     | STEWARDSHIP PROJECTS (09/2004)                       |
| KT-HT.2.0.1  | TRUCK, TRACTOR, AND POWER SAW MUFFLERS (09/2004)     |
| KT-HT.2.0.2# | FIRE FIGHTING EQUIPMENT (09/2004)                    |
| KT-HT.2.2.1  | EMERGENCY FIRE PRECAUTIONS (09/2004)                 |
| KT-IT.2.1.2  | MARKET-RELATED CONTRACT TERM ADDITION (11/2008)      |
| KT-IT.2.3.1# | ADDITION OF NET GROWTH (09/2004)                     |

Contract Name: Locust Stake North Re-Ad 2

KT-CT.3.0# - PAYMENT UNIT BOUNDARIES (09/2004)

The boundaries of Payment Units are designated as shown in the following table. The trees used for boundary designation are not to be cut.

See Table KT-CT.3.0# - Payment Unit Boundaries, Payment Unit Boundary Designation Table

KT-CT.3.0# - PAYMENT UNIT BOUNDARIES. (9/04) The boundaries of Payment Units are designated as shown in the following table. The trees used for boundary designation are not to be cut.

Payment Unit Boundary Designation Table

| <u>Payment Unit</u> | <u>Paint Color</u> | <u>Designation</u>  |
|---------------------|--------------------|---|
| All                 | Orange             | <i>Boundary line trees are marked at level with three (3) horizontal slash and a spot at ground level with the level marks facing into the interior Payment Unit</i><br><br><i>-Yellow boundary posters with contract name and Payment Unit are stapled to boundary trees and face outward at locations where the Payment Unit boundary intersects or coincides with roads.</i> |

Contract Name: Locust Stake North Re-Ad 2

KT-CT.3.5.5# - INDIVIDUAL TREES (09/2004)

CT.3.5 notwithstanding, the following individual trees are Marked with paint above and below stump height:

Cut Tree Marking. Individual trees to be cut are Marked in all or parts of the following Payment Units. Areas of cut tree marking are shown on the Contract Area Map with the symbol CTM.

See Table KT-CT.3.5.5# - Individual Trees, Cut Tree Marking

Leave Tree Marking. Individual trees to be left uncut are Marked in all or parts of the following Payment Units. Unmarked trees meeting Utilization Standards in AT.2 shall be cut. Areas of leave tree marking are shown on the Contract Area Map with the symbol LTM.

See Table KT-CT.3.5.5# - Individual Trees, Leave Tree Marking

**KT-CT.3.5.5# - INDIVIDUAL TREES.(09/04))** CT.3.5 notwithstanding, the following individual trees are Marked with paint above and below stump height:

**Cut Tree Marking.** Individual trees to be cut are Marked in all or parts of the following Payment Units. Areas of cut tree marking are shown on the Contract Area Map with the symbol CTM.

| <sup>1/</sup> Payment Unit(s) |
|-------------------------------|
| 1A, 1B, 1C                    |
| 1D                            |
| 2A                            |
| 2B, 2C                        |
| 3                             |

| <sup>2/</sup> Paint Color |
|---------------------------|
| Blue                      |
| Yellow                    |
| Green                     |
| Blue                      |
| Blue                      |

**Leave Tree Marking.** Individual trees to be left uncut are Marked in all or parts of the following Payment Units. Unmarked trees meeting Utilization Standards in AT.2 shall be cut. Areas of leave tree marking are shown on the Contract Area Map with the symbol LTM.

| <sup>1/</sup> Payment Unit(s) |
|-------------------------------|
|                               |
|                               |
|                               |
|                               |

| <sup>2/</sup> Paint Color |
|---------------------------|
|                           |
|                           |
|                           |
|                           |

Contract Name: Locust Stake North Re-Ad 2

KT-FT.3.1# - ROAD MAINTENANCE REQUIREMENTS (09/2004)

Contractor shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

See Contract Road Maintenance Requirements Summary Table.

KT-FI.3.1# - ROAD MAINTENANCE REQUIREMENTS. (9/04) the contractor shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

**ROAD MAINTENANCE REQUIREMENTS SCHEDULE**

**Contract Road Maintenance Requirements Summary**

| Road | Termini       |          | Miles | Applicable Prehaul Road Maintenance Specifications |      |      |      |      |  |  |  |  |  |
|------|---------------|----------|-------|--|------|------|------|------|--|--|--|--|--|
|      | From          | To       |       | 1020   | 1040 | 3050 | 4020 | 4050 |  |  |  |  |  |
| 316  | Bendn Hickory | Stand 2B | .25   | P  | P    |      |      |      |  |  |  |  |  |
| 170  | Co. 110       | Stand 3  | 0.7   | P  | P    |      | P    |      |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |

P = Contractor Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

| Road | Termini       |          | Miles | Applicable During Haul Road Maintenance Specifications |      |      |      |      |  |  |  |  |  |
|------|---------------|----------|-------|--|------|------|------|------|--|--|--|--|--|
|      | From          | To       |       | 1020   | 1040 | 3050 | 4020 | 4050 |  |  |  |  |  |
| 316  | Bendn Hickory | Stand 2B | .25   | P  | P    |      |      |      |  |  |  |  |  |
| 170  | Co. 110       | Stand 3  | 0.7   | P  | P    |      |      |      |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |

P = Contractor Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

| Road | Termini       |          | Miles | Applicable Post Haul Road Maintenance Specifications |      |      |      |      |  |  |  |  |  |
|------|---------------|----------|-------|--|------|------|------|------|--|--|--|--|--|
|      | From          | To       |       | 1020   | 1040 | 3050 | 4020 | 4050 |  |  |  |  |  |
| 316  | Bendn Hickory | Stand 2B | .25   | P  | P    | P    |      | P    |  |  |  |  |  |
| 170  | Co. 110       | Stand 3  | 0.7   | P  | P    | P    |      | P    |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |

P = Contractor Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

Contract Name: Locust Stake North Re-Ad 2

**KT-GT.6.0.1# - REVEGETATION PLAN AND SPECIFICATIONS (09/2004)**

Where soil has been disturbed by Contractor's operations and vegetation is needed to minimize erosion, Contractor shall take appropriate measures according to the following specifications or other agreed stabilization measures:

Temporary road cuts, fill slopes, and shoulders shall be seeded and fertilized within 15 days of construction during the seeding season(s).

Temporary road surfaces, landings, and skid trails shall be seeded when not to be used for a period exceeding 60 days during the seeding season(s).

Temporary road cuts, fill slopes, and other soil disturbance within 25 feet slope distance of a streamcourse shall be seeded and mulched within 3 days of the disturbance.

Exposed soil on temporary roads, skid trails and landings no longer needed for the Contractor's operations shall be seeded and fertilized within 30 days of discontinued use during the seeding season(s). Soil tilling to cover seed may be required under dry site conditions.

Bare areas or roads with soil compaction will require harrowing, disking or ripping. Fertilizer shall be applied and mixed thoroughly with the soil prior to seeding. Due to compaction, it may be necessary to till the soil to a depth of 6 inches or more.

The seeding season(s) shall be during the inclusive listed below, unless otherwise agreed.

See KT-GT.6.0.1# - Revegetation Plan and Specifications, Seeding Season(s) Table

The following kinds and amounts per acre of seed and fertilizer shall be applied, unless otherwise agreed:

See KT-GT.6.0.1# - Revegetation Plan and Specifications, Fertilizer and Seed Table

Applicable Mulch at the rate of 3,000 pounds per acre shall be applied. The Forest Service will identify the areas where mulch is required in addition to those specified elsewhere in this contract. Hay, straw, pine straw or shredded bark or other mulch acceptable to the Forest Service may be used as mulching material.

Applicable The Forest Service shall agree to the timing of the seeding operations.

NA Seeding operations shall not begin without the presence of a Forest Service representative.

NA Other revegetation specification: NA

If the Forest Service performs such work as provided under a written cooperative agreement (16 U.S.C. 572), the Contractor shall make the following deposit:

See KT-GT.6.0.1# - Revegetation Plan and Specifications, Cooperative Deposit Table

**KT-GT.6.0.1# - REVEGETATION PLAN AND SPECIFICATIONS TABLES**

| <b>Seeding Season</b> | <b><sup>2/</sup> From Date</b> | <b><sup>2/</sup> To Date</b> |
|-----------------------|--------------------------------|------------------------------|
| Season 1              | September 15                   | November 15                  |
| Season 2              | February 15                    | April 15                     |
| Season 3              | April 16                       | June 30                      |

The following kinds and amounts per acre of seed and fertilizer shall be applied, unless otherwise agreed:

| <b><u>3/ Fertilizer</u></b> | <b><u>4/ Pounds/Acre</u></b> | <b><u>5/ Seed</u></b>  | <b><u>4/ Pounds/Acre</u></b>                            |
|-----------------------------|------------------------------|--|---|
| 10-10-10                    | 800                          | (Fall). Virginia Wild Rye;<br>Wheat; Oats; White ladino<br>Clover  | (10 lbs/ac); (15<br>lbs/ac);(10 lbs/ac) (5<br>lbs/ac)   |
|                             |                              | (Spring). Wheat; Oats;<br>Annual Rye Grass; White<br>ladino Clover | (15 lbs/ac); (10<br>lbs/ac); (10 lbs/ac);<br>(5 lbs/ac) |
|                             |                              | (Summer). Browntop<br>Millet; iron clay; sorghum                   | (25 lbs/ac); peas (25<br>lbs/ac); (10 lbs/ac)           |

Contract Name: Locust Stake North Re-Ad 2

KT-GT.6.3.2# - TEMPORARY ROADS (09/2004)

Applicable Unless otherwise agreed in writing, Temporary Road construction shall not be scheduled to occur outside the seeding season(s) listed in KT-GT.6.0.1#.

Applicable Unless otherwise agreed in writing, Temporary Road construction shall not be scheduled to occur outside the Normal Operating Season(s) listed in AT.13.

The location and clearing widths of all Temporary Roads shall be agreed to and all timber within the clearing limits shall be paid for before construction is started. Temporary roads shall follow the general contour insofar as practical with maximum grades not to exceed 10 percent for lengths up to 100 feet. Construction shall include frequent broad-based dips or breaks in grade as necessary to remove runoff from the road. Clearing width shall not exceed that needed for safe and efficient operations, and the travel way shall not exceed 15 feet except at turnouts and landings. Crossings shall be located perpendicular to any stream or drainage.

Concurrent with Temporary Road construction, the Contractor shall install straw or hay bales, silt fence or brush/slash barriers at the base of the fill along Temporary Roads adjacent to Streamcourses and at other sensitive areas shown on Contract Area Map per the following requirements:

See Table KT-GT.6.3.2# - Temporary Roads, Silt Barrier Table

At Streamcourse crossings, cut and fill slopes and other disturbed areas within 25 feet slope distance of the Streamcourse shall be protected by seeding and mulching the same day construction occurs

As necessary to attain stabilization of roadbed and cut and fill slopes of Temporary Roads, the Contractor shall employ such measures as out-sloping, revegetation, mulching, drainage dips, water spreading ditches and silt barriers.

Unless otherwise agreed, cut banks and fill slopes shall be sufficiently sloped to facilitate revegetation.

The Contractor shall place and maintain the following depth of gravel or crushed stone on all Temporary Roads at the following locations:

See Table KT-GT.6.3.2# - Temporary Roads, Gravel Requirements Table

Contractor shall maintain all erosion control structures such as silt barriers, water-spreading ditches and broad based dips in a functional condition during Contractor's Operations. Contractor shall stabilize and close to vehicular traffic all Temporary Roads prior to periods of inactivity.

Except for Temporary Roads to remain open under GT.6.3.1, after a Temporary Road has served Contractor's purpose, the Contractor shall give notice to the Forest Service and shall remove bridges and culverts, eliminate ditches, out-slope roadbed, remove ruts, remove outside berms by pulling the material back onto the road surface, effectively block the road to normal vehicular traffic, and build cross ditches and water bars as staked or otherwise marked on the ground by Forest Service unless agreed otherwise in writing. When bridges and culverts are removed, associated fills shall also be removed to the extent necessary to restore channel to natural size, slope and bottom, and to permit normal maximum flow of water and protection of adjacent resources.

**KT-GT.6.3.2# - TEMPORARY ROADS.** (Continued)

Concurrent with Temporary Road construction, the Contractor shall install straw or hay bales, silt fence or brush/slash barriers at the base of the fill along Temporary Roads adjacent to Streamcourses and at other sensitive areas shown on Sale Area Map per the following requirements:

|   |   |
|---|---|
| <sup>5/</sup> <b>Side Slope Percent</b> | <sup>6/</sup> <b>Distance From Streamcourse</b> |
| 10                                      | 100'  |
|   |   |
|   |   |
|   |   |

The Contractor shall place and maintain the following depth of gravel or crushed stone on all Temporary Roads at the following locations:

| <b>Location</b>  | <sup>8/</sup> <b>Distance (feet)</b> | <sup>9/</sup> <b>Percent Grade</b> | <sup>10/</sup> <b>No. Inches of Gravel or Crushed Stone</b> |
|--|--------------------------------------|------------------------------------|---|
| <b>Approaches to surfaced roads for a distance back from the surfaced road.</b>  | 100'                                 | <b>Not Applicable</b>              | #4  |
| <b>Streamcourse crossings for a distance on either side of the Streamcourse.</b> | 50'                                  | <b>Not Applicable</b>              | #4  |
| <b>Steep grades of short distances</b>   | 100'                                 | 30                                 | #4  |
| <b>Wet or erosive prone soils</b>  | 100'                                 | <b>Not Applicable</b>              | #4  |
| <b>Dips, moist sites, erosive prone soils, and fills over culverts</b>           | 100'                                 | <b>Not Applicable</b>              | #4  |

Contractor shall maintain all erosion control structures such as silt barriers, water-spreading ditches and broad based dips in a functional condition during Contractor's Operations. Contractor shall stabilize and close to vehicular traffic all Temporary Roads prior to periods of inactivity.

Except for Temporary Roads to remain open under GT.6.3.1, after a Temporary Road has served Contractor's purpose, the Contractor shall give notice to the Forest Service and shall remove bridges and culverts, eliminate ditches, out-slope roadbed, remove ruts, remove outside berms by pulling the material back onto the road surface, effectively block the road to normal vehicular traffic, and build cross ditches and water bars as staked or otherwise marked on the ground by Forest Service unless agreed otherwise in writing. When bridges and culverts are removed, associated fills shall also be removed to the extent necessary to restore channel to natural size, slope and bottom, and to permit normal maximum flow of water and protection of adjacent resources.

Contract Name: Locust Stake North Re-Ad 2

KT-GT.7# - SLASH TREATMENT (09/2004)

Slash is defined as all vegetative debris resulting from the Contractor's operations, including limbs, tops, cull logs, bark, wood chunks, pushed-out stumps, damaged brush, and damaged residual trees. Tops from felled trees and all trees to be removed from roads, landings, or other construction clearings shall be completely felled and not left leaning or hanging in other trees. Slash associated with construction of Specified Roads is construction slash subject to treatment according to road construction specifications.

Other Ownership. The Contractor shall conduct operations so that slash does not enter non-National Forest System lands, as shown on Contract Area Map. In event slash is deposited on other ownership, the Contractor shall immediately remove such slash. The Contracting Officer may agree in writing to other treatment requirements if the Contractor provides a written slash disposal agreement between the Contractor and the landowner.

Roads and Other Clearings. Along roads available for public use the Contractor shall immediately remove slash from traveled surfaces, shoulders, and drainage facilities. Other slash along roads available for public use and all slash along roads not available for public use shall be removed from the clearing limits within four days after adjacent skidding or yarding to each landing is complete. In areas where skidding or yarding is delayed or interrupted, slash shall be removed within ten days after being created.

Trails open to public use shall be kept free of slash. Slash within the clearing limits of powerlines, telephone lines, pipelines, and similar clearings shall be removed within ten days after adjacent skidding or yarding to each landing is substantially complete.

Slash removed from roads and other clearings shall be scattered outside the clearing limits, or otherwise disposed of as agreed. The time requirements for completion of slash removal may be changed by written agreement, except where immediate removal is required.

Other Treatment Areas. The Contractor shall complete slash treatment in other areas as described below. The Forest Service and the Contractor shall jointly agree to a schedule for completion of such slash treatment, which shall be included in the Contractor's Annual Operating Schedule required under GT.3.1.

Applicable At or adjacent to log landings, delimiting areas, and similar areas of slash accumulation within All Payment Units, concentrations of slash greater than 3 feet in height and 20 feet in length, measured at greatest distances, shall be lopped and scattered concurrent with operations

Slash treatments described below are required at locations shown on the Contract Area Map by the following symbols:

See Table KT-GT.7# - Slash Disposal, Slash Disposal Requirements Table

KT-GT.7# - SLASH TREATMENT TABLE.

| <b>Map Symbol</b> | <b>Title</b>         | <b>Treatment</b>   |
|-------------------|----------------------|--|
| SSS               | Slash Treatment Zone | Within areas along roads and trails, the Contractor shall lop and scatter all slash to lie within 3 feet of the ground. The boundary of said treatment zone is designated on the ground, or in the absence of such designation, shall be 100 feet measured from the edge of the clearing limit or other feature. |

Contract Name: Locust Stake North Re-Ad 2

KT-GT.9# - STEWARDSHIP PROJECTS (09/2004)

Performance of stewardship projects shall be in accordance with the following specifications.

**Stewardship Projects**

WO-KT-GT.9# - CONSERVATION PROJECTS (9/04):

**Schedule of Items**  
*(Complete table to include the project items.)*

**SCHEDULE OF ITEMS:**

| <b>Item #</b>         | <b>Description</b>                                    | <b>Unit of Measure</b> | <b>Quantity</b> | <b>Unit Price \$</b> | <b>Total \$</b> |
|-----------------------|---|------------------------|-----------------|----------------------|-----------------|
| <b>Mandatory Work</b> |   |                        |                 |                      |                 |
| 1                     | Smooth Coneflower Herbicide Treatments (Over 2 years) | Acres                  | 16.15           |                      |                 |
| 2                     | Rehabilitation of Wildlife Openings                   | Acres                  | 13              |                      |                 |
| <b>Optional Work</b>  |   |                        |                 |                      |                 |
| 3                     | Rehabilitation of Wildlife Openings                   | Acres                  | 12              |                      |                 |

Contract Name: Locust Stake North Re-Ad 2

KT-HT.2.0.2# - FIRE FIGHTING EQUIPMENT (09/2004)

When the Forest Service advises the Contractor that local fire weather conditions are becoming critical, the Contractor shall keep with gasoline chain saws at all times a fire shovel/rake and fully-charged fire extinguisher and take precautionary measures requested by the Forest Service. The Contractor shall act as custodian of fire fighting equipment furnished by the Forest Service. Equipment shall be stored in sealed boxes provided for this purpose and shall be transported to locations in the immediate vicinity of current logging and milling operations on Contract Area. The Forest Service shall be reimbursed for any damage to or loss of fire fighting equipment furnished by the Forest Service, which occurs on Negligently-Caused Fires or as a result of using equipment for unauthorized purposes.

KT-IT.2.3.1# - ADDITION OF NET GROWTH (09/2004)

In event of Contract Term Extension, net growth shall be added to all uncut designated timber, except on the partially cut Payment Units exempt from redetermined rates under DT.1. On the partially cut Payment Units to which redetermined rates apply under DT.1, the Forest Service shall determine the approximate percentages of area remaining uncut. These percentages shall be applied to the original estimates of timber quantity in each Payment Unit to determine the approximate quantity of designated timber remaining in each Payment Unit. The growth percentages listed herein shall be applied to these estimated remaining quantities to obtain total net growth of uncut timber in the partially cut Payment Units. For both un-entered and partially cut Payment Units, the determination of volume subject to addition of growth shall be made as of 45 days prior to the original Termination Date shown in AT.12 with no adjustment for any timber subsequently Released for Cutting or cut and removed prior the effective date of Contract Term Extension. Growth shall be calculated on the basis of total number of full growing seasons from 09/12/2014 until the Termination Date, including any Contract Term Adjustment.

Applicable annual growth percents by species or species groups and products are:

See Table KT-IT.2.3.1# - Addition of Net Growth, Percent Growth Table

Payment for the additional growth in partially cut Payment Units for which growth is applicable shall be made prior to the effective date of Contract Term Extension.

**KT-IT.2.3.1# - ADDITION OF NET GROWTH.** (09/04) In event of Contract Term Extension, net growth shall be added to all uncut designated timber, except on the partially cut Payment Units exempt from redetermined rates under DT.1. On the partially cut Payment Units to which redetermined rates apply under DT.1, the Forest Service shall determine the approximate percentages of area remaining uncut. These percentages shall be applied to the original estimates of timber quantity in each Payment Unit to determine the approximate quantity of designated timber remaining in each Payment Unit. The growth percentages listed herein shall be applied to these estimated remaining quantities to obtain total net growth of uncut timber in the partially cut Payment Units. For both un-entered and partially cut Payment Units, the determination of volume subject to addition of growth shall be made as of 45 days prior to the original Termination Date shown in AT.12 with no adjustment for any timber subsequently Released for Cutting or cut and removed prior the effective date of Contract Term Extension. Growth shall be calculated on the basis of total number of full growing seasons from <sup>1/</sup> 09/12/2014 until the Termination Date, including any Contract Term Adjustment.

Applicable annual growth percents by species or species groups and products are:

| <sup>2/</sup> Species or Species Group | <sup>3/</sup> Product | <sup>4/</sup> Annual Growth Percent |
|--|-----------------------|-------------------------------------|
| SYP                                    | Sawtimber             | 4%                                  |
| All HWD                                | Sawtimber             | 2%                                  |
| Pine Pulp                              | Pulpwood              | 8%                                  |
| Hwd Pulp                               | Pulpwood              | 2%                                  |
|  |                       |                                     |

Payment for the additional growth in partially cut Payment Units for which growth is applicable shall be made prior to the effective date of Contract Term Extension.

**Contract Name:** Locust Stake North IRTC Re-Ad 2

## **SECTION 1. GENERAL**

Contractor's maintenance responsibility begins (1) after Contractor performs Prehaul Maintenance on a road listed in the Road Maintenance Requirements Schedule; or (2) for all other roads, when Contractor begins to use the road. Occasional travel by Contractor's light vehicles, prior to beginning of construction clearing or logging operations in the area accessed by the road, does not constitute beginning of use. Contractor is not required to perform routine maintenance during periods of inactivity. During periods of inactivity, Forest Service will perform maintenance only as required to meet its needs.

The Contractor shall maintain roads, commensurate with the Contractor's use, in accordance with the Road Maintenance Requirements Summary and Road Maintenance Specifications. Performance of road maintenance work by the Contractor may be required prior to, during, or after each period of use. The timing of work accomplishment shall be based on the Contractor's operating schedule under Standard Provision GT.3.1.

If the Contractor elects to use different roads than those listed in the Road Maintenance Requirements Summary, the Contracting Officer or designee shall determine the Contractor's commensurate share of road maintenance and/or revise road maintenance deposits.

Unless the Contracting Officer or designee agrees in writing otherwise, prehaul maintenance shall be completed on any portion of road prior to hauling on that portion.

The Contractor shall attend to the following situations as they occur and concurrently with sale operations: remove slides, fallen timber and other obstructions and overhanging brush obstructing road sight distance. Excess material resulting from any maintenance activity shall not be placed at locations where it will wash into streams.

The Forest Service shall prepare a revised Road Maintenance Requirements Schedule to reflect changes in the original haul route.

## **SECTION 2. ROAD MAINTENANCE DEFINITIONS**

Wherever the following terms are used in the Road Maintenance Specifications, the meaning shall be:

**Base Course.** Material placed on the Subgrade to distribute concentrated wheel loads.

**Berm.** Curb or dike constructed to prevent Roadway runoff water from discharging onto embankment slope.

**Borrow.** Select Material taken from designated borrow sites.

**Crown, Inslope, and Outslope.** The cross slope of the Traveled Way to aid in drainage and traffic maneuverability.

Culverts. A conduit or passageway under a road, trail, or other obstruction. A culvert differs from a bridge in that it is usually entirely below the elevation of the Traveled Way.

Drainage Dip. A dip in the Traveled Way which intercepts surface runoff and diverts the water off the

Traveled Way. A Drainage Dip does not block the movement of traffic.

Drainage Structures. Manufactured structures which control the runoff of water from the Roadway including Inslope, overside drains, aprons, flumes, downdrains and downpipes.

Lead-off Ditches. A ditch used to transmit water from a Culvert, Drainage Structure or Drainage Dip outlet to the natural drainage area.

Maintenance Activity. Items of work leading to the minor restoration and upkeep of a road and necessary to sustain the road's anticipated traffic.

Material. Any substance specified for use in the performance of the work.

Prehaul Maintenance. Road maintenance work to be accomplished prior to the roads use. Roads receiving prehaul maintenance shall be shown on the Contract Area Map.

Roadbed. The portion of a road between the intersection of Subgrade and sideslopes, excluding that portion of the ditch below Subgrade.

Roadside. A general term denoting the area adjoining the outer edge of the Roadway.

Roadway. The portion of a road within the limits of excavation and embankment.

Shoulder. That portion of Roadway contiguous with Traveled Way for accommodation of stopped vehicles, for emergency use, and lateral support of Base and Surface Course, if any.

Slide. A concentrated deposit of materials from above or on backslope extending onto the Traveled Way or Shoulders, whether caused by mass land movements or accumulated raveling.

Slough. Material eroded from the backslope which partially or completely blocks the ditch, but does not encroach on the Traveled Way so as to block passage of traffic.

Slump. A localized portion of the Roadbed which has slipped or otherwise become lower than that of the adjacent Roadbed and constitutes a hazard to traffic.

Subgrade. Top surface of Roadbed upon which Base Course or Surface Course is constructed. For roads without Base Course or Surface Course, that portion of Roadbed prepared as the finished wearing surface.

Surface Course. The Material placed on the Base Course or Subgrade to enhance traction, distribute concentrated wheel loads and resist abrasion and the effects of climate. Surface Course may be referred to as surfacing.

Traveled Way. That portion of Roadway, excluding Shoulders, used for the movement of vehicles.

Turnouts. That portion of the Traveled Way constructed as additional width on single lane roads to allow for safe passing of vehicles.

Waterbar. A dip in the Roadbed which intercepts surface runoff and diverts the water off the Roadway. A Waterbar is not designed to be traversable by logging trucks.

**SECTION 3. ROAD MAINTENANCE REQUIREMENTS SCHEDULE**

**Contract Road Maintenance Requirements Summary**

| Road | Termini       |          | Miles | Applicable Prehaul Road Maintenance Specifications |      |      |      |      |  |  |  |  |  |
|------|---------------|----------|-------|--|------|------|------|------|--|--|--|--|--|
|      | From          | To       |       | 1020   | 1040 | 3050 | 4020 | 4050 |  |  |  |  |  |
| 316  | Bendn Hickory | Stand 2B | .25   | P  | P    |      |      |      |  |  |  |  |  |
| 170  | Co. 110       | Stand 3  | 0.7   | P  | P    |      | P    |      |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |

P = Contractor Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

| Road | Termini       |          | Miles | Applicable During Haul Road Maintenance Specifications |      |      |      |      |  |  |  |  |  |
|------|---------------|----------|-------|--|------|------|------|------|--|--|--|--|--|
|      | From          | To       |       | 1020   | 1040 | 3050 | 4020 | 4050 |  |  |  |  |  |
| 316  | Bendn Hickory | Stand 2B | .25   | P  | P    |      |      |      |  |  |  |  |  |
| 170  | Co. 110       | Stand 3  | 0.7   | P  | P    |      |      |      |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |

P = Contractor Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

| Road | Termini       |          | Miles | Applicable Post Haul Road Maintenance Specifications |      |      |      |      |  |  |  |  |  |
|------|---------------|----------|-------|--|------|------|------|------|--|--|--|--|--|
|      | From          | To       |       | 1020   | 1040 | 3050 | 4020 | 4050 |  |  |  |  |  |
| 316  | Bendn Hickory | Stand 2B | .25   | P  | P    | P    |      | P    |  |  |  |  |  |
| 170  | Co. 110       | Stand 3  | 0.7   | P  | P    | P    |      | P    |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |
|      |               |          |       |  |      |      |      |      |  |  |  |  |  |

P = Contractor Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

**SECTION 4. ROAD MAINTENANCE ACTIVITY SPECIFICATIONS**

**INCLUDED SPECIFICATIONS**

| <u>Activity No.</u> | <u>Activity Specification Title</u> |
|---------------------|-------------------------------------|
| 1020                | Surface Blading (Dozer)             |
| 1040                | Spot Surface Course Placement       |
| 4020                | Roadway Mowing and Clearing         |
| 4050                | Seeding                             |

## **ACTIVITY 1020 - SURFACE BLADING (DOZER)**

### **DESCRIPTION**

**1.1** Surface blading is keeping a native or aggregate surfaced Roadbed in a condition to facilitate traffic and provide proper drainage. It includes maintaining the Crown, Inslope or Outslope of the Traveled Way, Turnouts, and Shoulder; repairing Berms; blending approach road intersections; and cleaning bridge decks, Drainage Dips, and Lead-off Ditches. This work may be accomplished using a crawler tractor with a dozer blade capable of angling.

### **REQUIREMENTS**

**3.1** Surface blading shall be performed before, during, and after Contractor's use as often as necessary to facilitate traffic and proper drainage.

**3.2** The surface blading shall preserve the existing cross-section. Ruts, chuckholes and corrugations that affect the smoothness of ride do not have to be removed unless they become excessive or interfere with proper drainage. Surface Course Material which has been displaced to the Shoulders or Turnouts shall be returned to the Traveled Way. The blading operation shall be conducted to conserve surface Material and to provide for a thorough mixing of the Material being worked.

**3.3** On native surfaced roads, Material generated from backslope Sloughing, and ditch cleaning may be blended with the surface Material being worked. On aggregate surfaced roads this Material shall not be blended with Surface or Base Course Material unless agreed otherwise.

**3.4** Roadway backslopes shall not be undercut.

**3.5** Drainage Dips and Lead-off Ditches shall be cleaned and maintained to retain the existing line, grade, and cross-section.

**3.6** Intersecting roads shall be bladed for a distance of 50 feet to assure blending of the surfaces.

**3.7** Rocks or other Material remaining on the Traveled Way after the final pass that are 4 inches in diameter or larger shall be removed. The unsuitable Material shall be disposed of by sidecasting unless agreed otherwise.

**3.8** Material resulting from this activity shall not remain on or in structures, such as Culverts, cattle guards, ditches and Drainage Dips.

**3.9** Material resulting from this activity, plus any accumulated debris, shall be removed from bridge decks and the deck drains opened.

## **ACTIVITY 1040 - SPOT SURFACE COURSE PLACEMENT**

### **DESCRIPTION**

**1.1** Spot surface course placement includes subgrade preparation, furnishing, spreading and shaping Materials in accordance with the Requirements.

### **MATERIALS**

2.1 Surface course Material will be in accordance with the Requirements, 3.2.

**REQUIREMENTS**

3.1 Subgrade Preparation. Prepare subgrade to receive surface course Material at locations as designated on-the-ground by the Forest Service on roads listed below. Prepare the subgrade by shaping the Roadbed to approximately the original cross-section and consistent with adjacent sections.

3.2 Furnish and spread Material at spot locations designated on the ground by the Forest Service as follows.

| <b>Road Number</b> | <b>Road Name</b> | <b>Pre/During/Post Haul</b> | <b>Type Material</b> | <b>Quantity (C.Y./Tons)</b> |
|--------------------|------------------|-----------------------------|----------------------|-----------------------------|
| 316                | Locust Stake     | XXX                         | #4 stone             | 258 tons                    |
| 170                | Deadman Branch   | XXX                         | #4 stone             | 180 tons                    |
|                    |                  |                             |                      |                             |

3.3 Variations. The Contractor will be required to furnish weight or volume tickets to the Forest Service for the amount of surface course material placed. When it is mutually agreed that all or part of the surface course Material is not needed, the estimated cost of surfacing not placed shall be charged to the Integrated Resource Account in accordance with IT.3.1.

**ACTIVITY 3050 - WATERBARS**

**DESCRIPTION**

1.1 This work consists of installing or removing Waterbars in the Roadbed.

**REQUIREMENTS**

3.1 Waterbars shall be installed at locations designated or staked on the ground. All Material excavated shall be used in the installation of the Waterbar. The bar Material shall be compacted by operating heavy equipment over the length and width of the bar.

3.2 Waterbars designated on the ground shall be removed by blading the bar Material into the adjacent depression to form a smooth transition along the Traveled Way. The length and width of the fill Material shall be compacted by the equipment performing the work.

3.3 Waterbars may be required to be installed between seasons of use and then removed when haul is resumed. Waterbar installation may also be required when use of a road has been completed.

**ACTIVITY 4020 - ROADWAY MOWING AND CLEARING**

**DESCRIPTION**

1.1 This work includes removal of brush, trees and other vegetative growth from within the Roadway limits.

**REQUIREMENTS**

**3.1** Vegetative matter within the Roadway which impedes vehicular travel or interferes with road maintenance operations, such as surface blading and ditch and culvert cleaning shall be removed. Downed timber meeting utilization standards shall be cut in appropriate lengths and decked along the Roadside in locations where the Traveled Way or sight distances will not be impaired.

**3.2** Vegetative matter removed from the Roadway shall be uniformly placed on fill slopes unless agreed otherwise.

**ACTIVITY 4050 – SEEDING**

**DESCRIPTION**

**1.1** This work includes ground preparation, furnishing and placing seed, fertilizer, limestone and mulch.

**MATERIALS**

**2.1** Materials will be those required in the table below.

**REQUIREMENTS**

**3.1** Place seed, fertilizer and mulch of the types, application rates and time of year as follows and as marked on the ground.

| Road Number | Road Name      | Type and Application Rate |           |            |       | Time of Year |
|-------------|----------------|---------------------------|-----------|------------|-------|--------------|
|             |                | Seed                      | Limestone | Fertilizer | Mulch |              |
| 316         | Locust Stake   | XXX                       |           |            | XXX   |              |
| 170         | Deadman Branch | XXX                       |           |            | XXX   |              |

| Seeding Season | <sup>2/</sup> From Date |
|----------------|-------------------------|
| Season 1       | September 15            |
| Season 2       | February 15             |
| Season 3       | April 16                |

| <sup>2/</sup> To Date |
|-----------------------|
| November 15           |
| April 15              |
| June 30               |

| <b>3/ Fertilizer</b> |
|----------------------|
| 10-10-10             |
|                      |
|                      |

| <b>4/ Pounds/Acre</b> |
|-----------------------|
| 800                   |
|                       |
|                       |

| <b>5/ Seed</b>   |
|--|
| (Fall). Virginia Wild Rye; Wheat; Oats; White ladino Clover  |
| (Spring). Wheat; Oats; Annual Rye Grass; White ladino Clover |
| (Summer). Browntop Millet; iron clay; sorghum                |

| <b>4/ Pounds/Acre</b>                            |
|--|
| (10 lbs/ac); (15 lbs/ac); (10 lbs/ac) (5 lbs/ac) |
| (15 lbs/ac); (10 lbs/ac); (5 lbs/ac)             |
| (25 lbs/ac); peas (25 lbs/ac); (10 lbs/ac)       |

# Locust Stake North Integrated Resources Timber Contract (Re-Ad) 2

(IRTC)

## SCHEDULE OF ITEMS AND SPECIFICATIONS

Schedule of Items  
(Complete table to include the project items.)

### SCHEDULE OF ITEMS:

| Item #         | Description   | Unit of Measure | Quantity | Unit Price \$ | Total \$ |
|----------------|---|-----------------|----------|---------------|----------|
| Mandatory Work |   |                 |          |               |          |
| 1              | Smooth Coneflower Herbicide Treatments (Over 2 years) | Acres           | 16.15    |               |          |
| 2              | Rehabilitation of Wildlife Openings                   | Acres           | 13       |               |          |
| Optional Work  |   |                 |          |               |          |
| 3              | Rehabilitation of Wildlife Openings                   | Acres           | 12       |               |          |

## **Item 01 – Smooth Coneflower Herbicide Treatments**

### **GENERAL SPECIFICATIONS**

On eight identified locations of Smooth coneflowers, a combination of mechanical and chemical treatments is necessary to eliminate woody competition. Treatments will be phased over a 2 year period of time.

### **PART I. SECTION C, SPECIFICATIONS**

#### **C. 1 - SCOPE OF PROJECT**

The contractor shall furnish all equipment, labor, transportation, supervision, and perform all work required for the **Smooth Coneflower Restoration Treatments** on the Chattahoochee National Forest in accordance with the specifications and provisions of the contract.

#### **C.2 - DESCRIPTION AND LOCATION**

The contractor shall provide all personnel, equipment, tools, supervision, and other items and incidental services necessary to treat 16.15 acres through a combination of mechanical (cut stumps) and chemical treatments (hack and squirt/foliar spray), over a two year period. The locations of the treatment areas are shown on the Stewardship Area Maps. See Eastside Forest Health Stewardship Project – Service Work Sites Table for a listing of all coneflower sites to be treated, including the size of each site. The treatment locations have been GPS mapped for actual acreages. Treatment area boundaries have been marked with orange tree paint as well. Rare plant exclusion areas will be flagged and identified to contractor prior to treatment.

### **TECHNICAL SPECIFICATIONS**

#### **Year 1 – Hack and Squirt and/or Cut Stump Treatments**

- The first year treatment includes treating ALL trees and shrubs, ranging in size from 0.5 inch diameter at root collar to 10.0 inch diameter at breast height (DBH). The desired herbicide treatment will be a 50% solution mixture of “aquatically approved” glyphosate herbicide, with dye and surfactant included in the mixture. Trees greater than 3 inch DBH will be treated with the hack and squirt method. Trees less than 3 inch DBH, down to 0.5 inches at root collar, will be treated using the cut stump method. Hack and squirt “cuts” will be made so they encircle the tree completely, with no gaps between cuts. Cut stump trees will be completely severed from the base.
- No trees greater than 10 inches diameter will be treated. No saplings less than 0.5 inches diameter will be treated.
- Treatments will be made between the months of June 1 – August 15.
- Herbicide applications will be made immediately after the stem has been cut or hacked. Applications will not be made if the stems are still wet from rain, heavy dew, or if rain appears

imminent. Applications will be suspended if the temperature exceeds 98 degrees, humidity is less than 20% or if wind is greater than 15 mph.

### **Year 2 – Foliar Treatments**

- The second year treatment includes treating ALL woody stems within the treatment area which are less than 0.5 inch diameter at root collar and less than 6 feet tall, including, but not limited to, any “resprouts” from the first year’s treatment. The desired herbicide treatment will be a foliar application of a 3% solution mixture of “aquatically approved” triclopyr herbicide, with the label recommended dye and surfactant included in the mixture. Thoroughly wet all target vegetation.
- Treatments will be made between the months of June 1 – August 15.
- Applications will not be made if the leaves are still wet from rain, heavy dew, or if rain appears imminent. Applications will be suspended if the temperature exceeds 98 degrees, humidity is less than 20% or if wind is greater than 15 mph.

If locations change, they will be agreed upon in writing by the Forest Service and contractor to ensure similar work exists.

### **G.1- GOVERNMENT FURNISHED PROPERTY**

NONE

### **G.2. INSPECTION AND ACCEPTANCE**

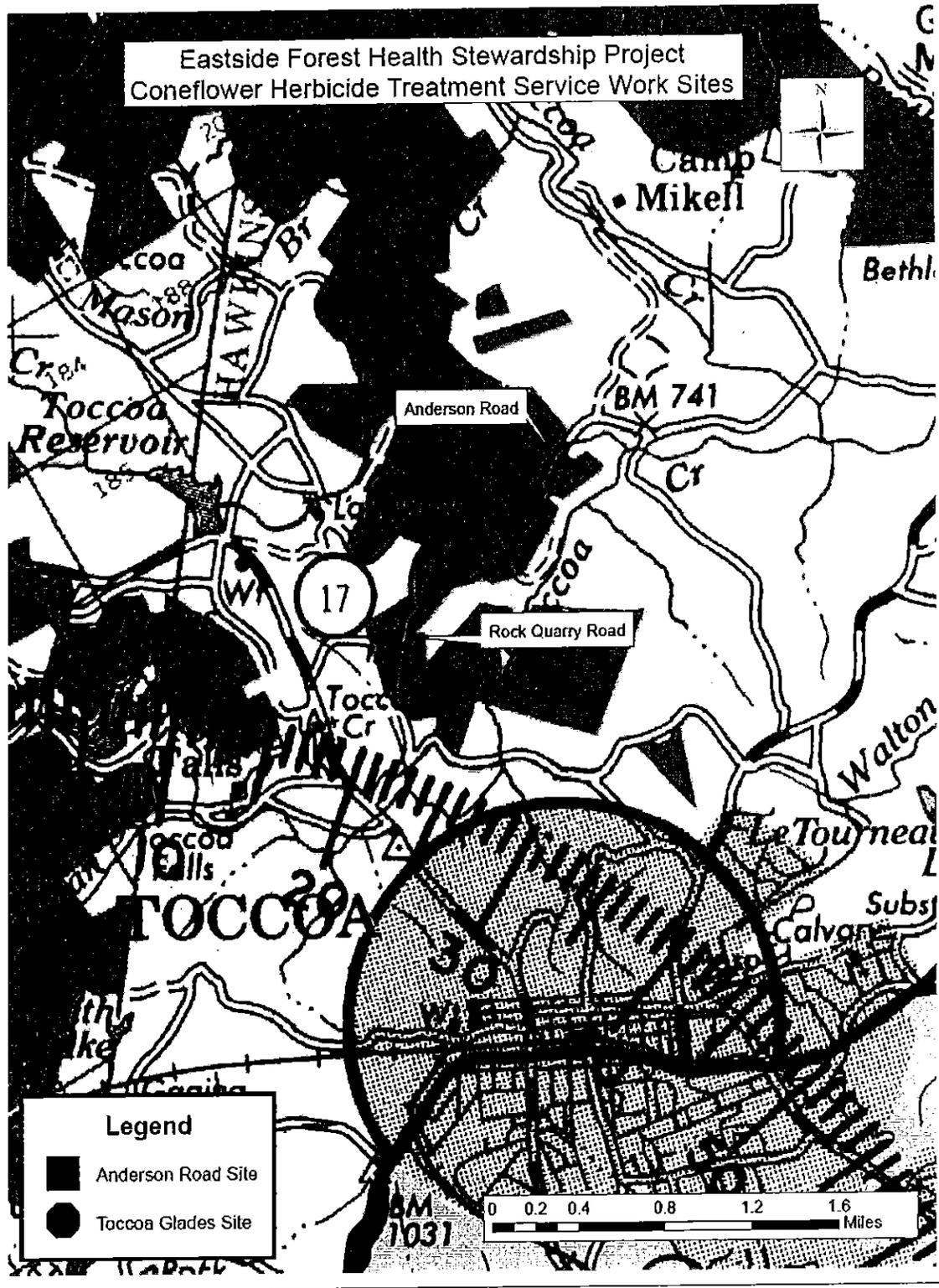
1. Work will be accepted when the work is completed according to the project specifications. If the work completed is accepted, the contractor shall proceed according to the Work Progress Schedule. If the work is not accepted, the contractor shall not receive payment or credit until completing any remedial work required for acceptance. If the area cannot be brought up to specifications, credits or payments will be reduced or not be awarded.

Eastside Forest Health Stewardship Project

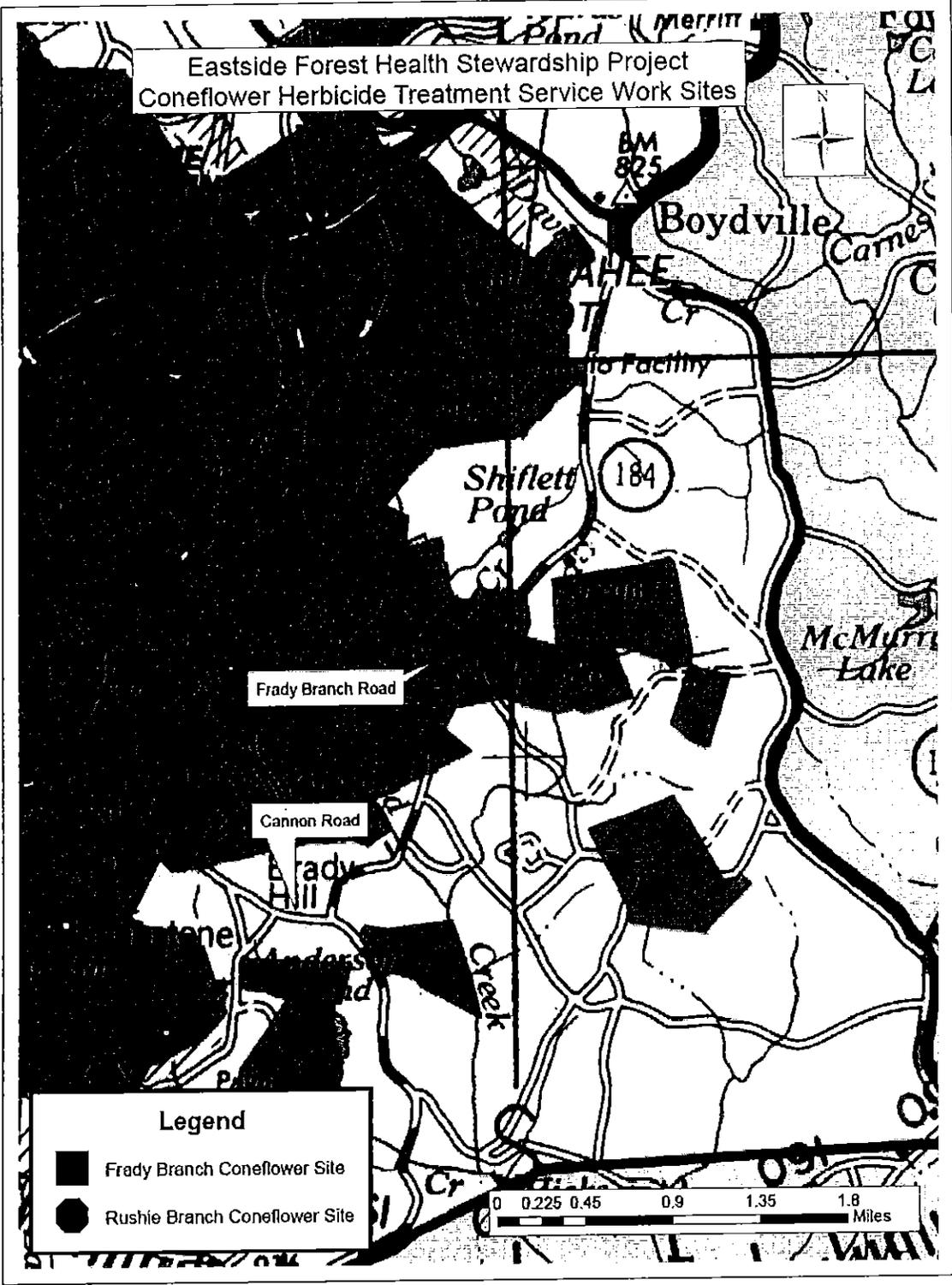
Coneflower Work Sites

| Area            | Treatment Type         | Size (Ac.)   |
|-----------------|------------------------|--------------|
| Anderson Road   | Coneflower / Herbicide | 1.40         |
| Toccoa Glades   | Coneflower / Herbicide | 2.25         |
| Fraday Branch   | Coneflower / Herbicide | 1.94         |
| Rushie Branch   | Coneflower / Herbicide | 2.40         |
| Currahee Mtn #1 | Coneflower / Herbicide | 3.10         |
| Currahee Mtn #2 | Coneflower / Herbicide | 2.42         |
| Lee Mountain #1 | Coneflower / Herbicide | 0.36         |
| Lee Mountain #2 | Coneflower / Herbicide | 2.28         |
| <b>SUBTOTAL</b> | -----                  | <b>16.15</b> |

Eastside Forest Health Stewardship Project  
Coneflower Herbicide Treatment Service Work Sites



Eastside Forest Health Stewardship Project  
Coneflower Herbicide Treatment Service Work Sites

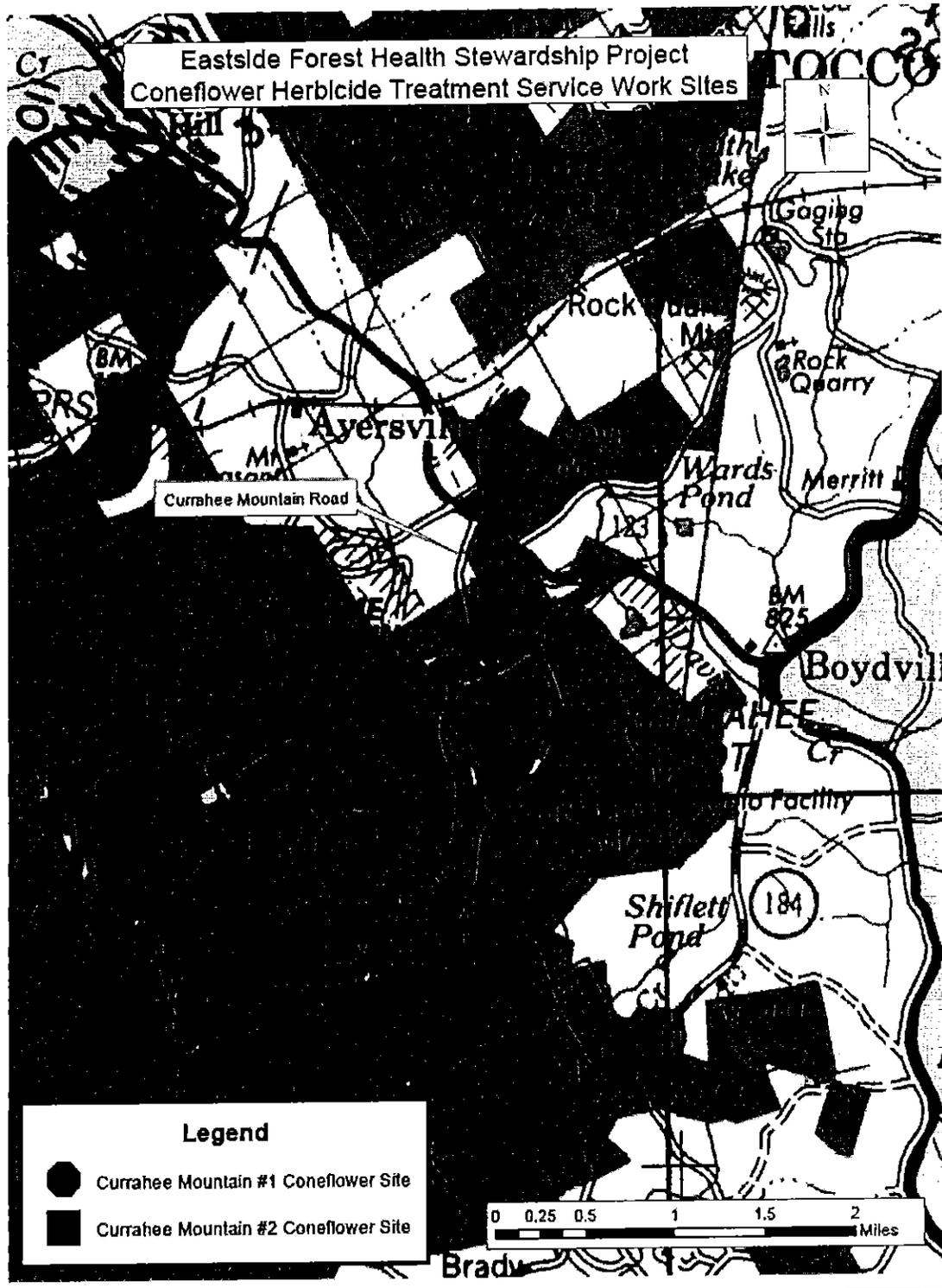


Legend

- Frady Branch Coneflower Site
- Rushie Branch Coneflower Site

0 0.225 0.45 0.9 1.35 1.8 Miles

Eastside Forest Health Stewardship Project  
Coneflower Herbicide Treatment Service Work Sites

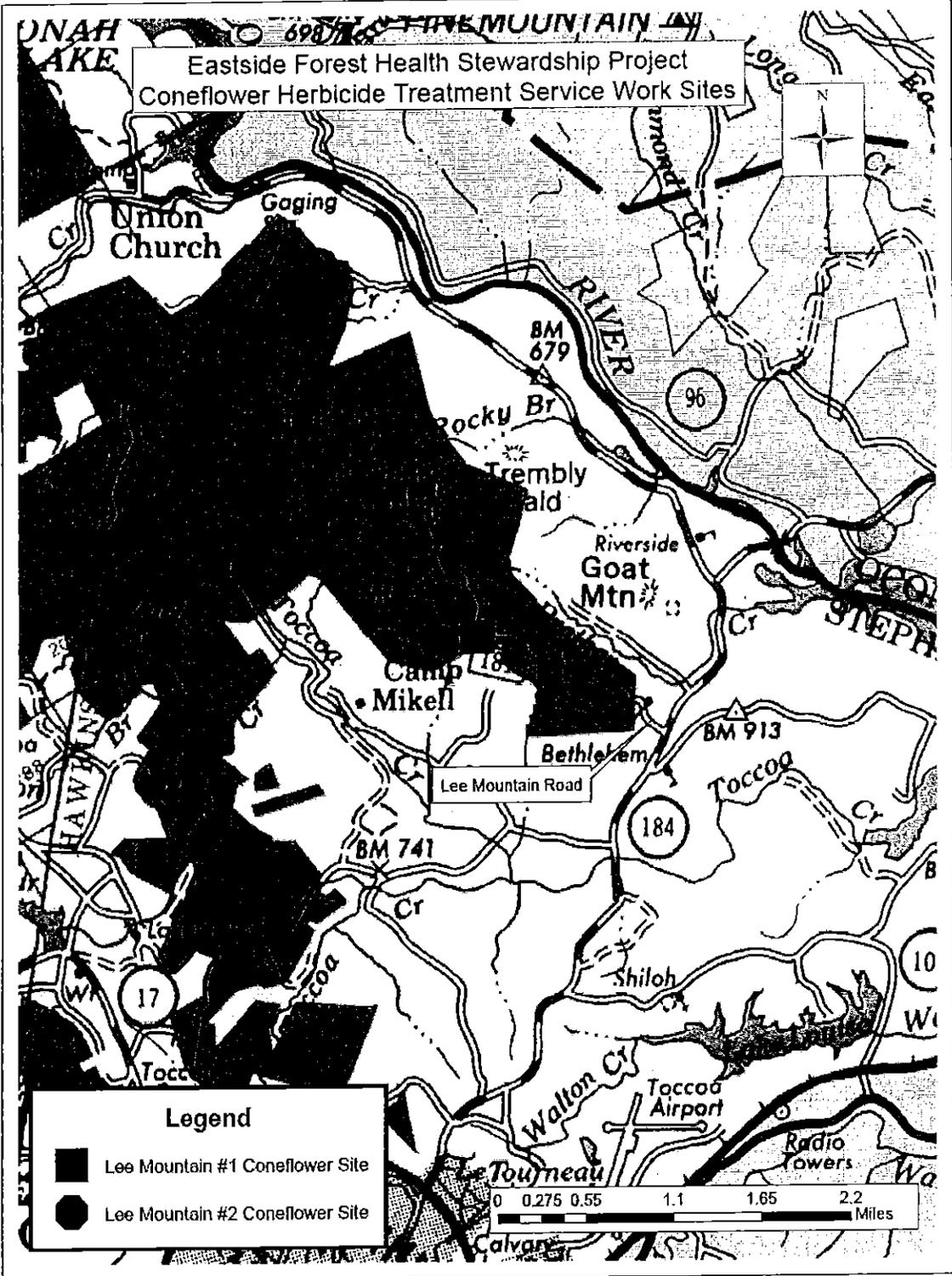


Legend

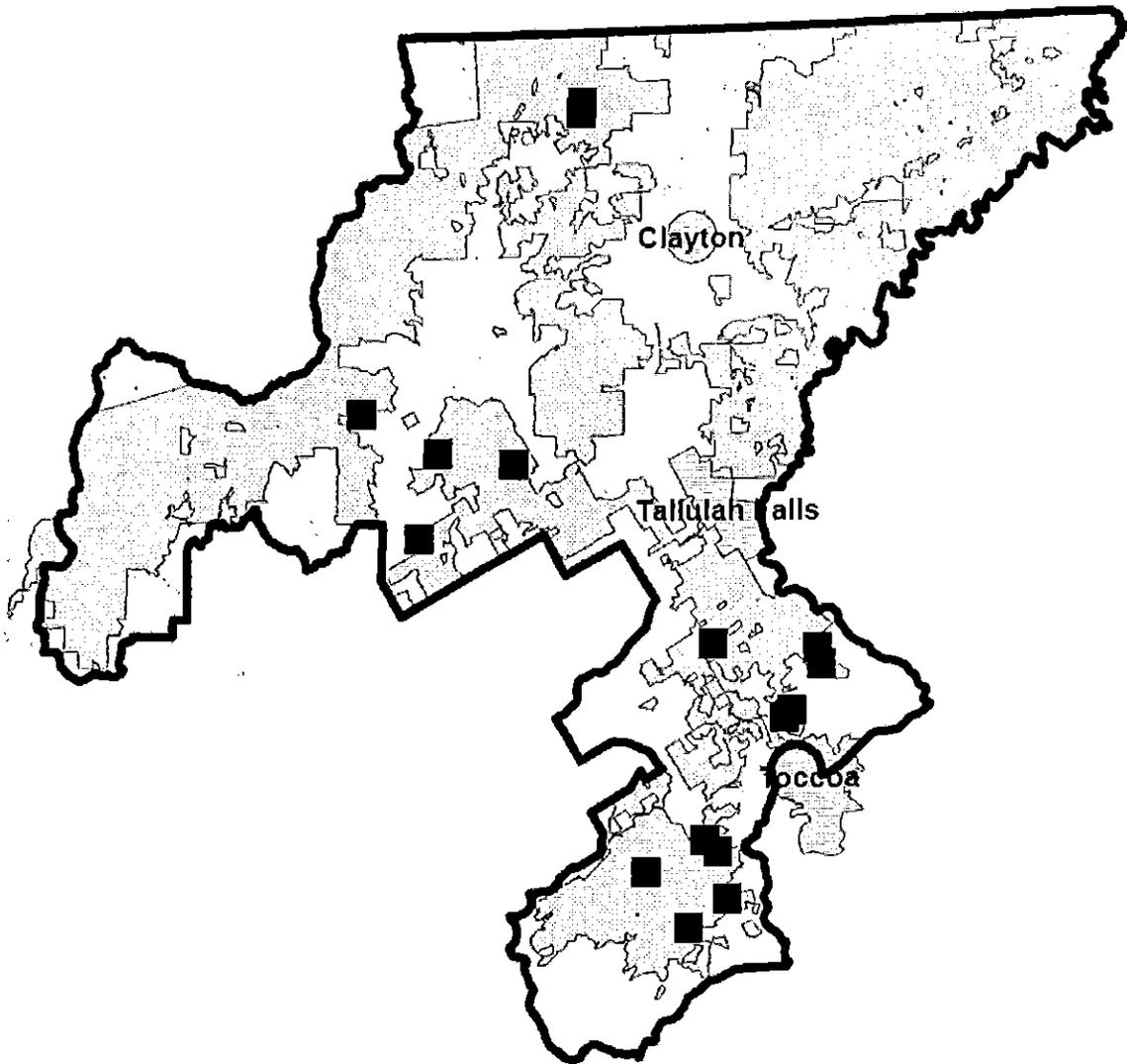
- Currahee Mountain #1 Coneflower Site
- Currahee Mountain #2 Coneflower Site

0 0.25 0.5 1 1.5 2 Miles

Eastside Forest Health Stewardship Project  
Coneflower Herbicide Treatment Service Work Sites

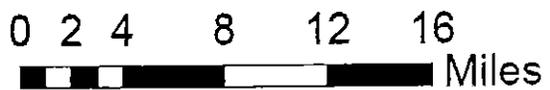


# Eastside Forest Health Stewardship Project Service Work Vicinity Map



## Legend

-  Stewardship Service Work Sites (All Service Work)
-  Challooka River Ranger District Boundary
-  Forest Service System Lands
-  City Boundaries



## **Item 02 – Wildlife Openings Maintenance Treatments**

### **GENERAL SPECIFICATIONS**

The contractor shall provide all personnel, equipment, tools, supervision, and other items and incidental services necessary to treat **13 acres** of wildlife openings consisting of 3 separate areas. The contractor may also occasionally be required to cut out fallen trees with block access to the wildlife openings identified for treatment. The treatment boundary of wildlife openings includes all of the area within the “tree-line”.

### **PART I. SECTION C, SPECIFICATIONS**

#### **C. 1 - SCOPE OF CONTRACT**

The contractor shall furnish all equipment, labor, transportation, supervision, and perform all work required for **Wildlife Opening Maintenance** on the Chattahoochee National Forest in accordance with the specifications and provisions of the contract.

#### **C.2 - DESCRIPTION AND LOCATION**

The project consists of lime application, mowing, fertilizing and planting the specified seed mix listed below.

The locations of the treatment acres are shown on the Stewardship Area Map. See Eastside Forest Health Stewardship Project – Service Work Sites Table for a listing of all wildlife openings to be treated, including the size of each opening. The treatment locations have been GPS mapped for actual acreages. All identified wildlife openings will be treated as described below.

### **TECHNICAL SPECIFICATIONS**

#### **Pre-liming**

All wildlife openings (13 acres) shall be limed during the early summer, during the month of June, prior to Fall planting. Lime should be evenly distributed throughout the wildlife opening, at a rate of 2 tons per acre.

#### **Initial Mowing**

All identified Wildlife Openings (13 acres) shall be mowed one time prior to planting. All wildlife openings should be mowed entirely, to the tree-line on all sides. Vegetation within the openings should be no higher than 6 inches after the mowing is complete. This includes cutting all small saplings less than 4 inch diameter that may have regenerated within the opening over the last couple of years. All gates used to access the wildlife openings should be closed and locked after the mowing is complete.

### Planting

After the initial mowing, all identified wildlife openings (13 acres) shall be disced, fertilized and planted with a mix of Durana clover, oats and wheat. Planting rate will consist of 10 lbs/ac. of Durana Clover, 20 lbs/ac. of Wheat and 15 lbs/ac. of Oats. Planting should be done during the month of September thru the first month of October. Just prior to planting, the seedbed will be prepared by lightly disking the opening (no more than 4 inches deep, but thoroughly turning all ground), broadcast seeding the specified seed mix evenly across the opening, and then "dragging" the opening with a tree top or heavy chains to cover the broadcasted seed with no more than 0.25 inches of soil. After planting, 19-19-19 fertilizer will be applied at a rate of 300 lbs per acre.

### Late Spring Post-Planting Mowing

Following the fall planting, all wildlife openings (13 acres) shall be mowed in late spring, during the time period of May 15 – June 15. All wildlife openings should be mowed entirely, to the tree-line on all sides. Vegetation within the openings should be no higher than 6 inches after the mowing is complete. All gates used to access the wildlife openings should be closed and locked after the mowing is complete.

### Mid-Summer Post-Planting Mowing

All wildlife openings (13 acres) shall be mowed a second time in early Summer, during the month of July. All wildlife openings should be mowed entirely, to the tree-line on all sides. Vegetation within the openings should be no higher than 6-12 inches after the mowing is complete. All gates used to access the wildlife openings should be closed and locked after the mowing is complete.

### Late-Summer Post-Planting Mowing

All identified Wildlife Openings (13 acres) shall be mowed a third time in late-Summer, between the time period of August 15 – Sept 15. All wildlife openings should be mowed entirely, to the tree-line on all sides. Vegetation within the openings should be no higher than 6-12 inches after the mowing is complete. All gates used to access the wildlife openings should be closed and locked after the mowing is complete.

\*Summer mowings should be spaced no sooner than one month apart per wildlife opening.

## **G.1- GOVERNMENT FURNISHED PROPERTY**

NONE

## **G.2. INSPECTION AND ACCEPTANCE**

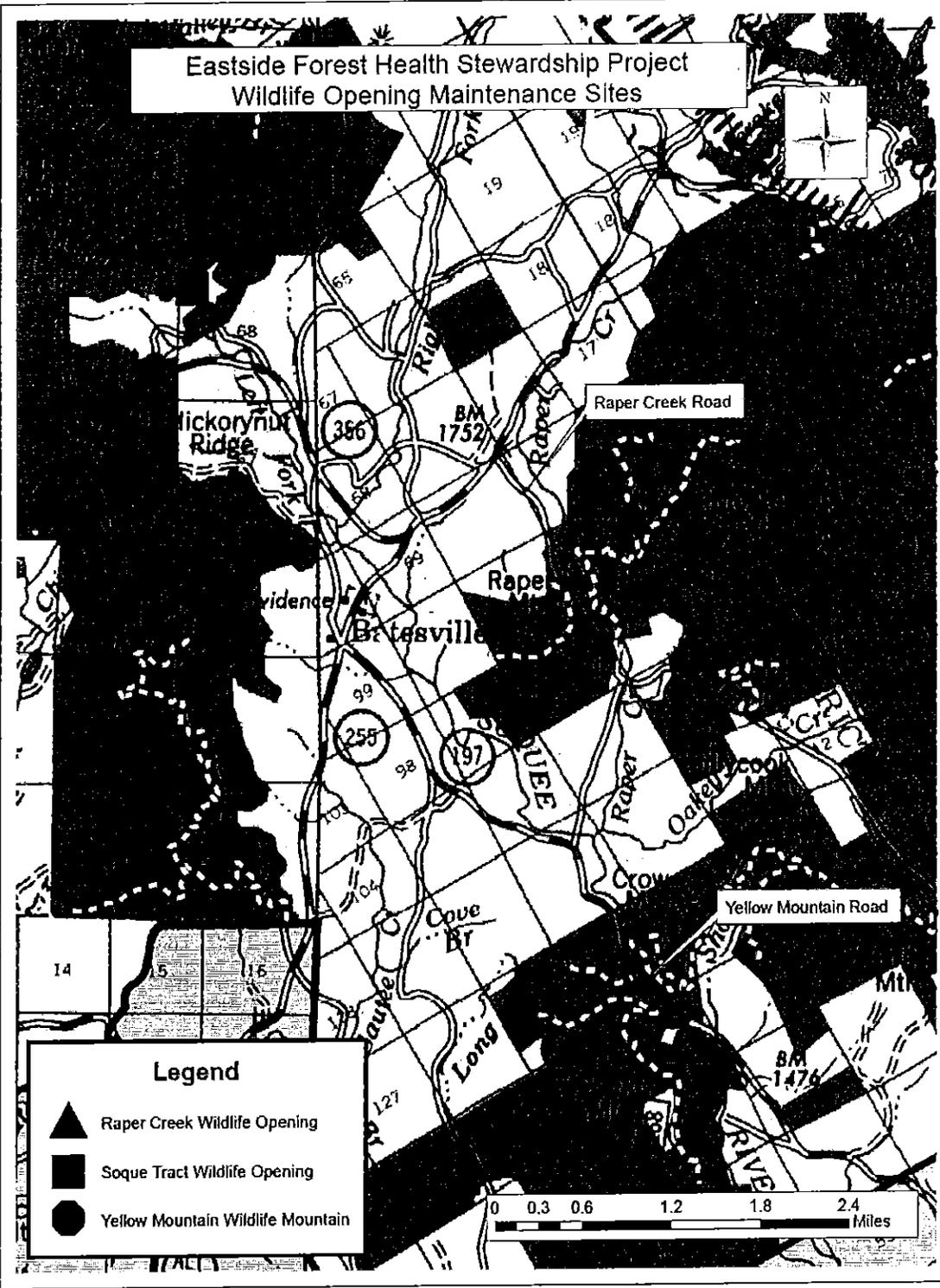
1. Work will be accepted when the work is completed according to the contract specifications. If the work completed is accepted, the contractor shall proceed according to the Work Progress Schedule. If the work is not accepted, the contractor shall not receive payment until completing any remedial work required for acceptance. If the area cannot be brought up to specifications, credits or payments will be reduced or not be awarded.

Eastside Forest Health Stewardship Project

Wildlife Opening Maintenance Work Sites

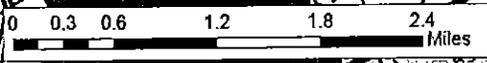
|                 |                              |              |
|-----------------|------------------------------|--------------|
| Soque Tract     | Wildlife Opening Maintenance | 3.38         |
| Anns Gap        | Wildlife Opening Maintenance | 3.54         |
| Yellow Mountain | Wildlife Opening Maintenance | 3.11         |
| Howard Gap #3   | Wildlife Opening Maintenance | 2.90         |
| -----           | <b>Total</b>                 | <b>12.93</b> |

Eastside Forest Health Stewardship Project  
Wildlife Opening Maintenance Sites

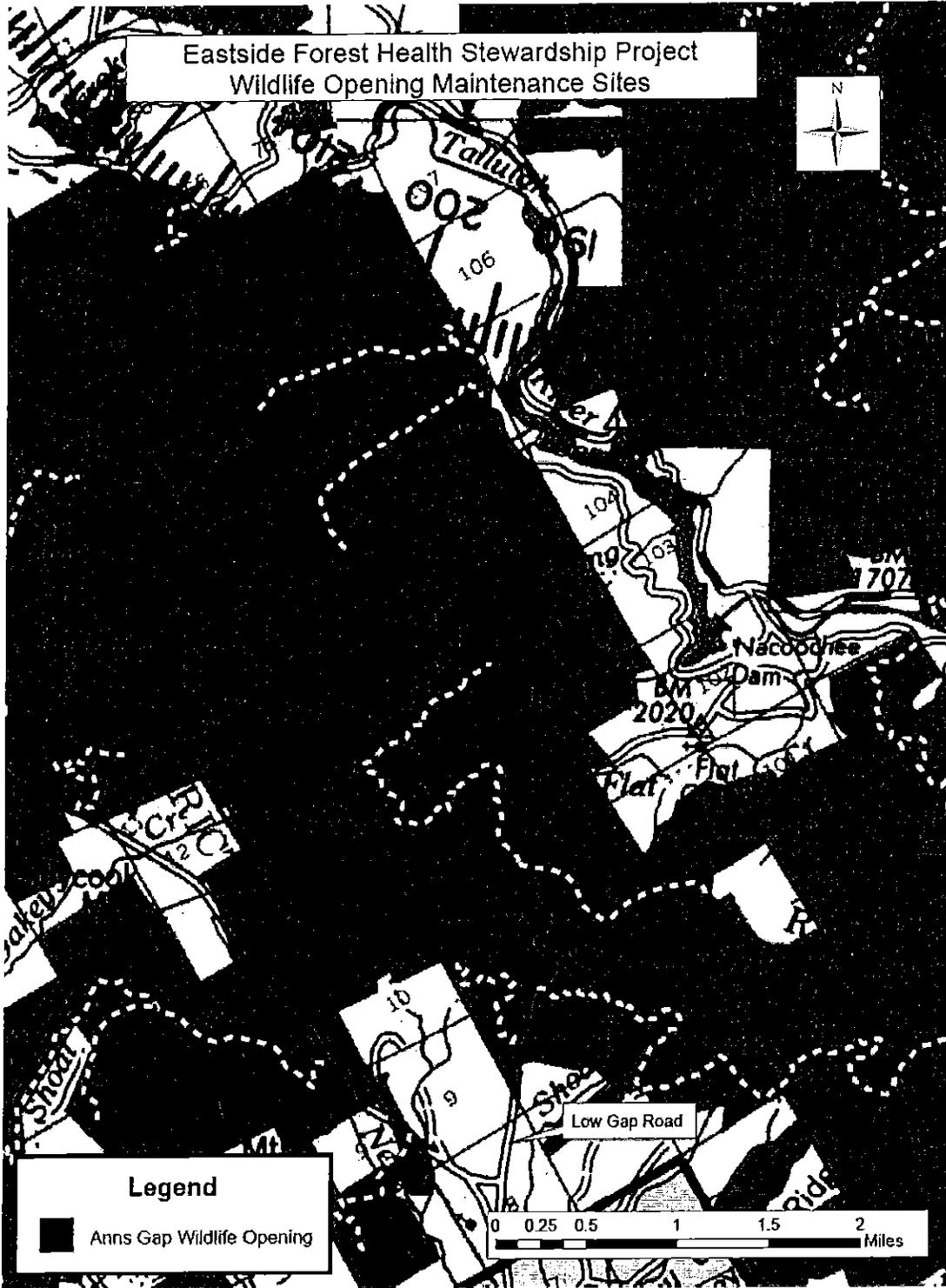


**Legend**

- ▲ Raper Creek Wildlife Opening
- Soque Tract Wildlife Opening
- Yellow Mountain Wildlife Mountain

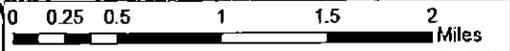


Eastside Forest Health Stewardship Project  
Wildlife Opening Maintenance Sites



**Legend**

■ Anns Gap Wildlife Opening





## **Item 03 –Wildlife Openings Maintenance Treatments**

### **GENERAL SPECIFICATIONS**

The contractor shall provide all personnel, equipment, tools, supervision, and other items and incidental services necessary to treat **12 acres** of wildlife openings consisting of 4 separate areas. The contractor may also occasionally be required to cut out fallen trees with block access to the wildlife openings identified for treatment. The treatment boundary of wildlife openings includes all of the area within the “tree-line”.

### **PART I. SECTION C, SPECIFICATIONS**

#### **C. 1 - SCOPE OF PROJECT**

The contractor shall furnish all equipment, labor, transportation, supervision, and perform all work required for **Wildlife Opening Maintenance** on the Chattahoochee National Forest in accordance with the specifications and provisions of the project.

#### **C.2 - DESCRIPTION AND LOCATION**

The project consists of lime application, mowing, fertilizing and planting the specified seed mix listed below.

The locations of the treatment acres are shown on the Stewardship Area Map. See Eastside Forest Health Stewardship Project – Service Work Sites Table for a listing of all wildlife openings to be treated, including the size of each opening. The treatment locations have been GPS mapped for actual acreages. All identified wildlife openings will be treated as described below.

### **TECHNICAL SPECIFICATIONS**

#### **Pre-liming**

All wildlife openings (12 acres) shall be limed during the early summer, during the month of June, prior to Fall planting. Lime should be evenly distributed throughout the wildlife opening, at a rate of 2 tons per acre.

#### **Initial Mowing**

All identified Wildlife Openings (12 acres) shall be mowed one time prior to planting. All wildlife openings should be mowed entirely, to the tree-line on all sides. Vegetation within the openings should be no higher than 6 inches after the mowing is complete. This includes cutting all small saplings less than 4 inch diameter that may have regenerated within the opening over the last couple of years. All gates used to access the wildlife openings should be closed and locked after the mowing is complete.

### Planting

After the initial mowing, all identified wildlife openings (12 acres) shall be disked, fertilized and planted with a mix of Durana clover, oats and wheat. Planting rate will consist of 10 lbs/ac. of Durana Clover, 20 lbs/ac. of Wheat and 15 lbs/ac. of Oats. Planting should be done during the month of September thru the first month of October. Just prior to planting, the seedbed will be prepared by lightly disking the opening (no more than 4 inches deep, but thoroughly turning all ground), broadcast seeding the specified seed mix evenly across the opening, and then "dragging" the opening with a tree top or heavy chains to cover the broadcasted seed with no more than 0.25 inches of soil. After planting, 19-19-19 fertilizer will be applied at a rate of 300 lbs per acre.

### Late Spring Post-Planting Mowing

Following the fall planting, all wildlife openings (12 acres) shall be mowed in late spring, during the time period of May 15 – June 15. All wildlife openings should be mowed entirely, to the tree-line on all sides. Vegetation within the openings should be no higher than 6 inches after the mowing is complete. All gates used to access the wildlife openings should be closed and locked after the mowing is complete.

### Mid-Summer Post-Planting Mowing

All wildlife openings (12 acres) shall be mowed a second time in early Summer, during the month of July. All wildlife openings should be mowed entirely, to the tree-line on all sides. Vegetation within the openings should be no higher than 6-12 inches after the mowing is complete. All gates used to access the wildlife openings should be closed and locked after the mowing is complete.

### Late-Summer Post-Planting Mowing

All identified Wildlife Openings (12 acres) shall be mowed a third time in late-Summer, between the time period of August 15 – Sept 15. All wildlife openings should be mowed entirely, to the tree-line on all sides. Vegetation within the openings should be no higher than 6-12 inches after the mowing is complete. All gates used to access the wildlife openings should be closed and locked after the mowing is complete.

\*Summer mowings should be spaced no sooner than one month apart per wildlife opening.

## **G.1- GOVERNMENT FURNISHED PROPERTY**

NONE

## **G.2. INSPECTION AND ACCEPTANCE**

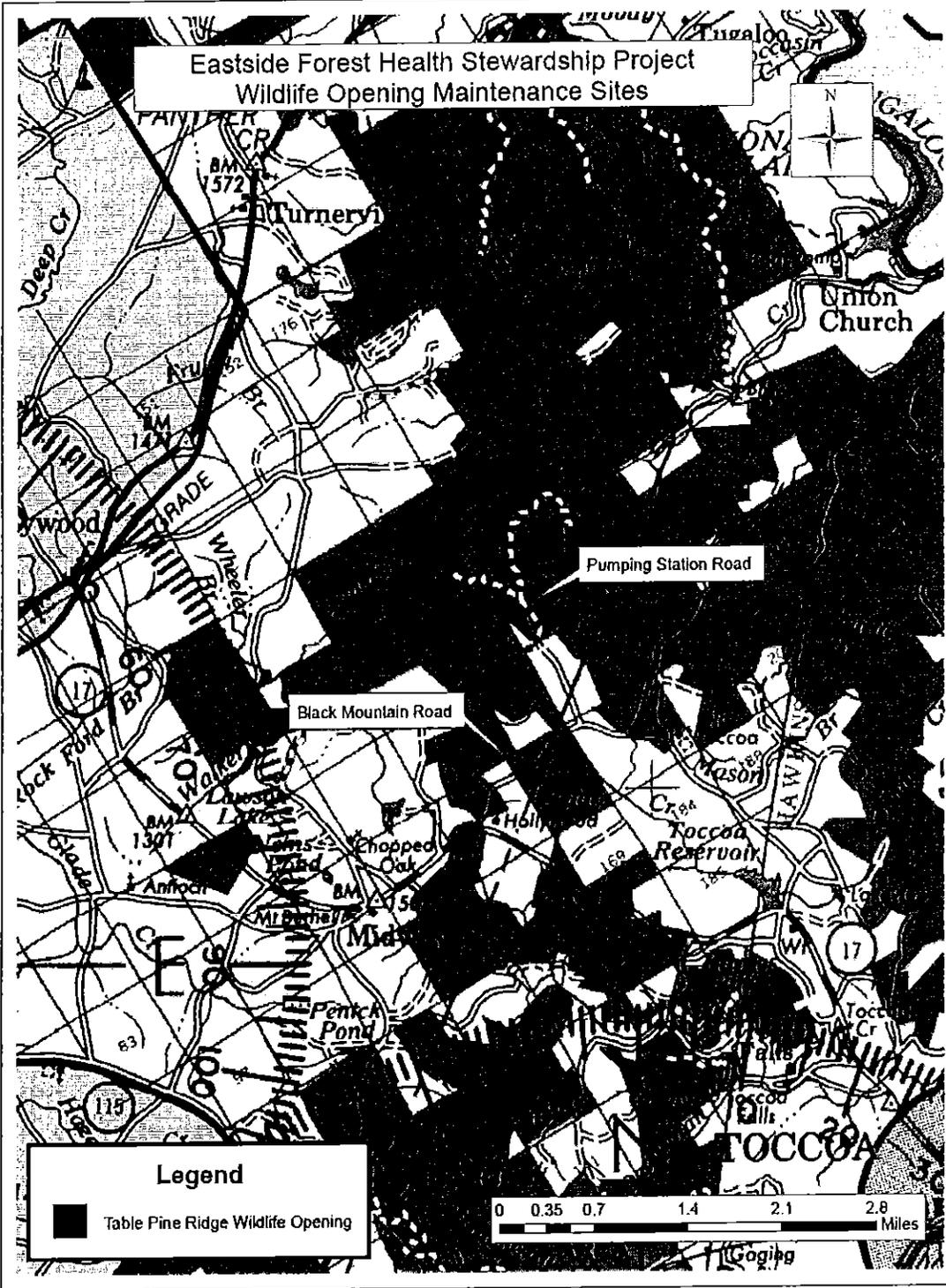
2. Work will be accepted when the work is completed according to the project specifications. If the work completed is accepted, the contractor shall proceed according to the Work Progress Schedule. If the work is not accepted, the contractor shall not receive payment or credit until completing any remedial work required for acceptance. If the area cannot be brought up to specifications, credits or payments will be reduced or not be awarded.

Eastside Forest Health Stewardship Project

Wildlife Opening Maintenance Work Sites

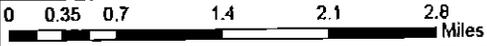
|                  |                              |              |
|------------------|------------------------------|--------------|
| Raper Creek      | Wildlife Opening Maintenance | 4.19         |
| Table Pine Ridge | Wildlife Opening Maintenance | 4.12         |
| Howard Gap #2    | Wildlife Opening Maintenance | 3.75         |
| <b>SUBTOTAL</b>  | -----                        | <b>12.06</b> |

Eastside Forest Health Stewardship Project  
Wildlife Opening Maintenance Sites

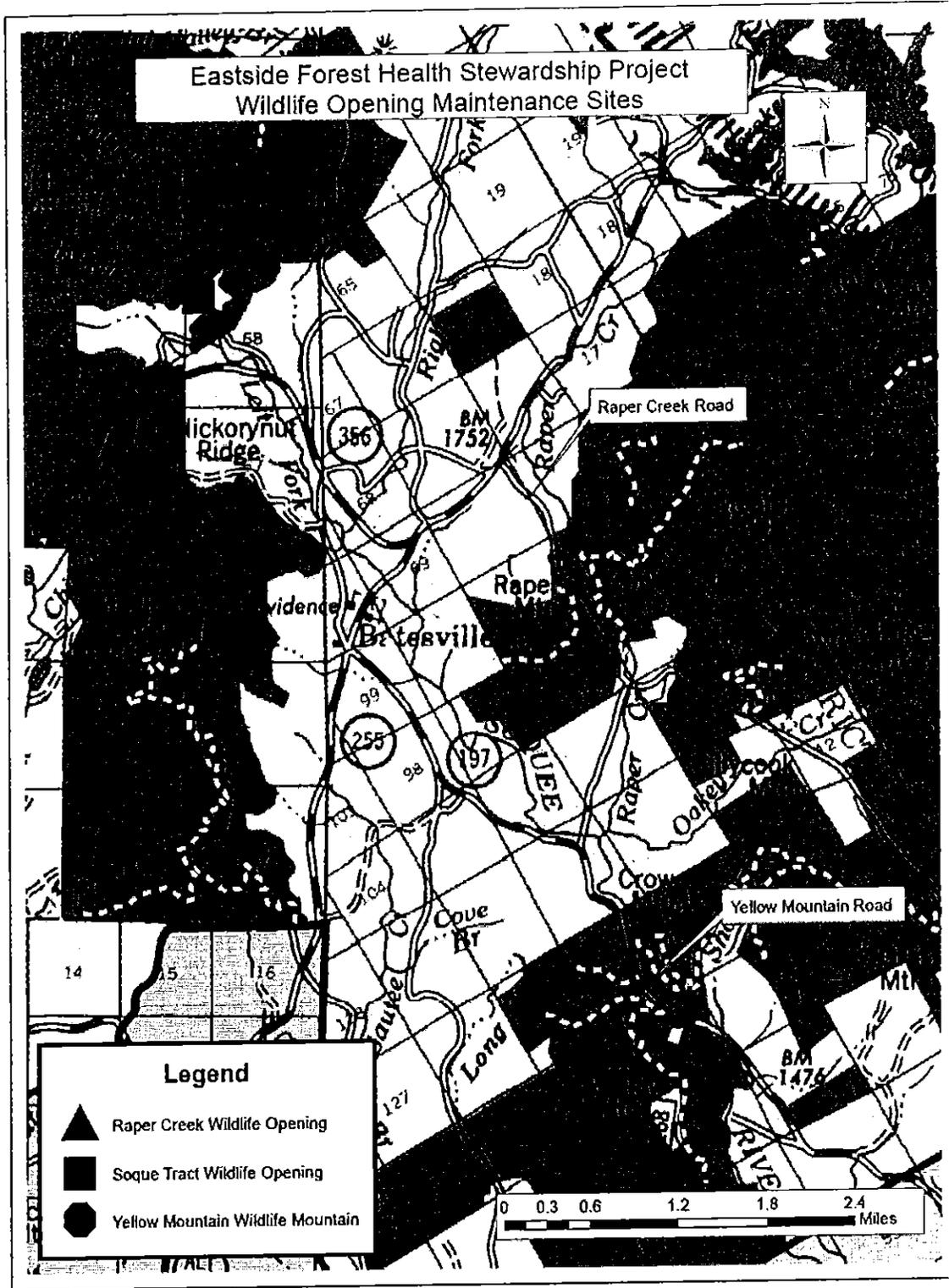


**Legend**

■ Table Pine Ridge Wildlife Opening



Eastside Forest Health Stewardship Project  
Wildlife Opening Maintenance Sites



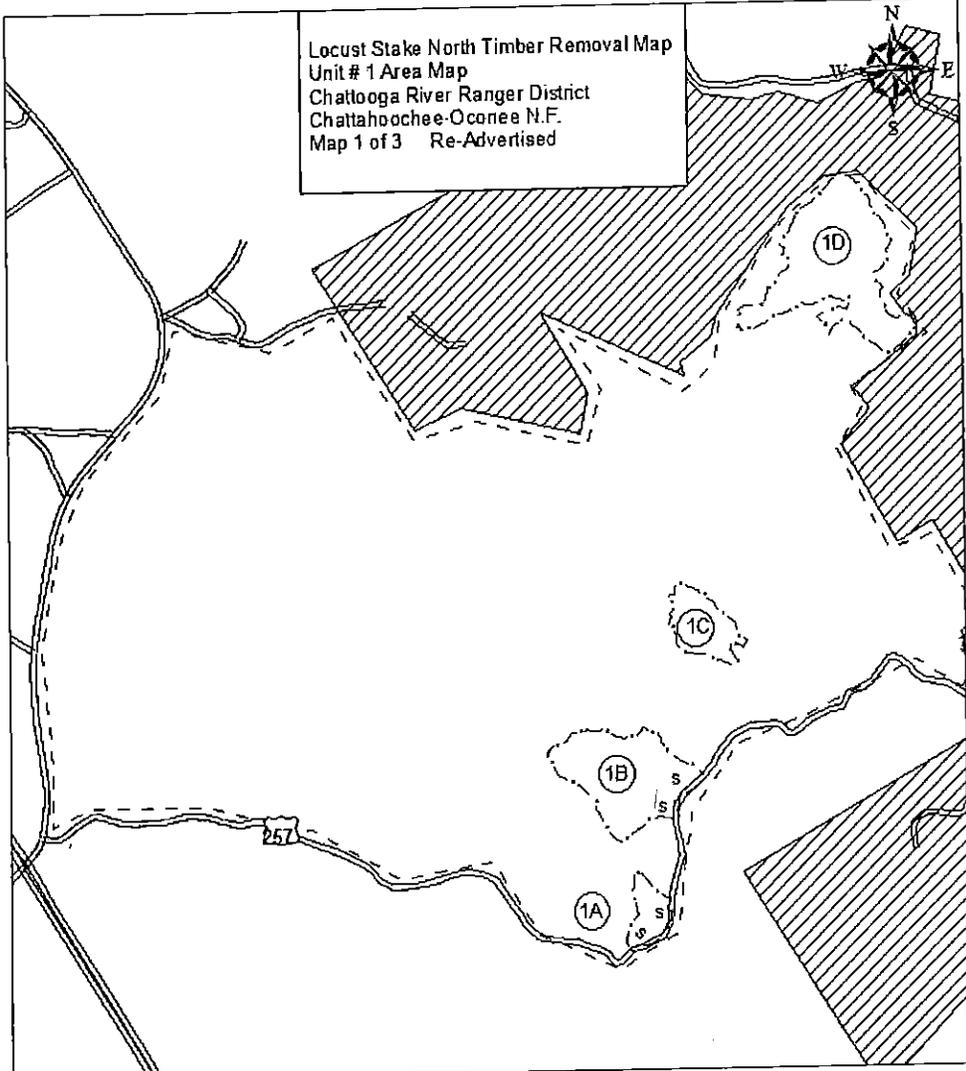
Legend

- ▲ Raper Creek Wildlife Opening
- Soque Tract Wildlife Opening
- Yellow Mountain Wildlife Mountain

0 0.3 0.6 1.2 1.8 2.4 Miles



Locust Stake North Timber Removal Map  
 Unit # 1 Area Map  
 Chattooga River Ranger District  
 Chattahoochee-Oconee N.F.  
 Map 1 of 3 Re-Advised



**LEGEND**

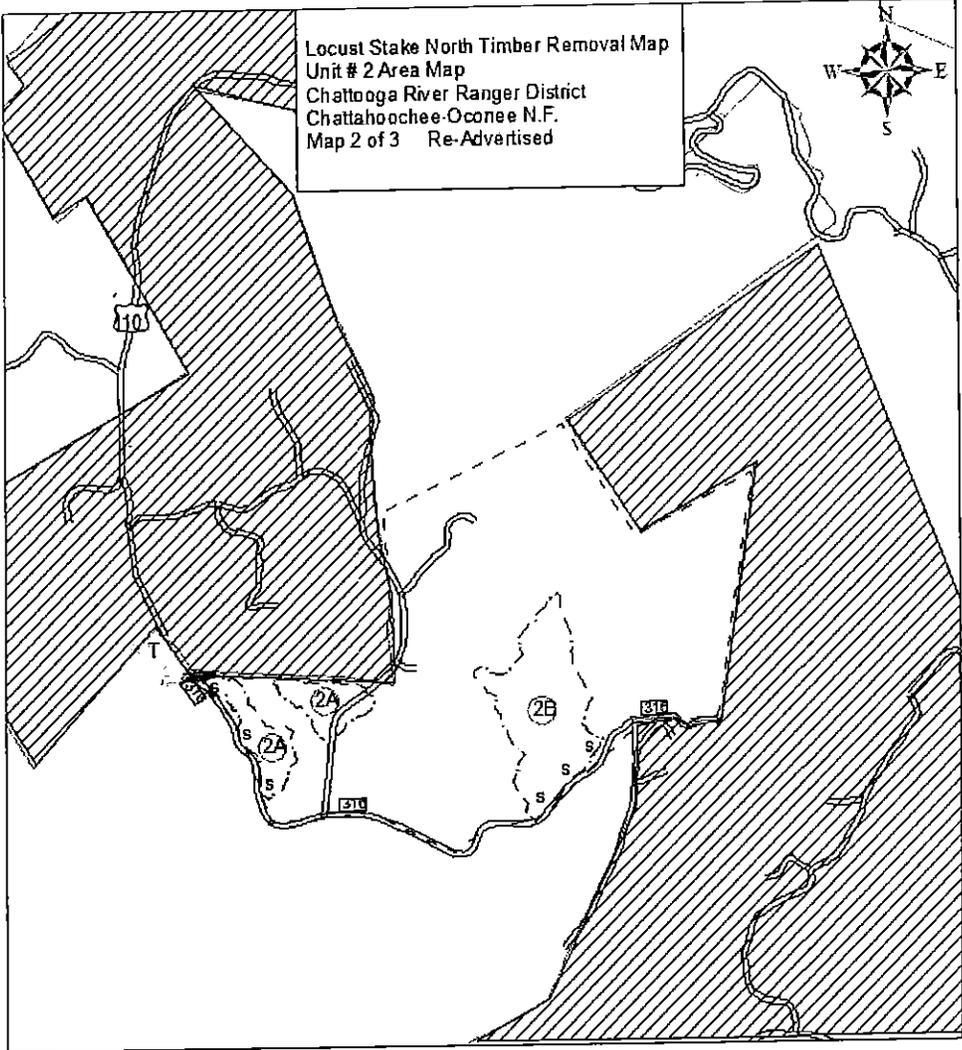
- Contract Area Boundary - CT. 3.0
- Payment Unit Boundary - CT. 3.0
- Payment Unit Number - CT. 3.0
- Slash Treatment - KT-GT. 7
- Existing Road - FT. 1.2
- Other Ownership

1: 15,840 0 0.15 0.3 0.6 Miles

| Payment Unit # | Designation Method                         |
|----------------|--|
| 01, 02, 03     | CTM - Cut Tree Marking - KT - CT.<br>3.5.5 |



Westbrook 09/02/2014; Disclaimer



**LEGEND**

- Contract Area Boundary - CT. 3.0
- Payment Unit Boundary - CT. 3.0
- Payment Unit Number - CT. 3.0
- Slash Treatment - KT-GT. 7
- Traffic Control Device - GT. 3.3
- Existing Road - FT. 1.2
- Forest Service Roads
- Other Ownership

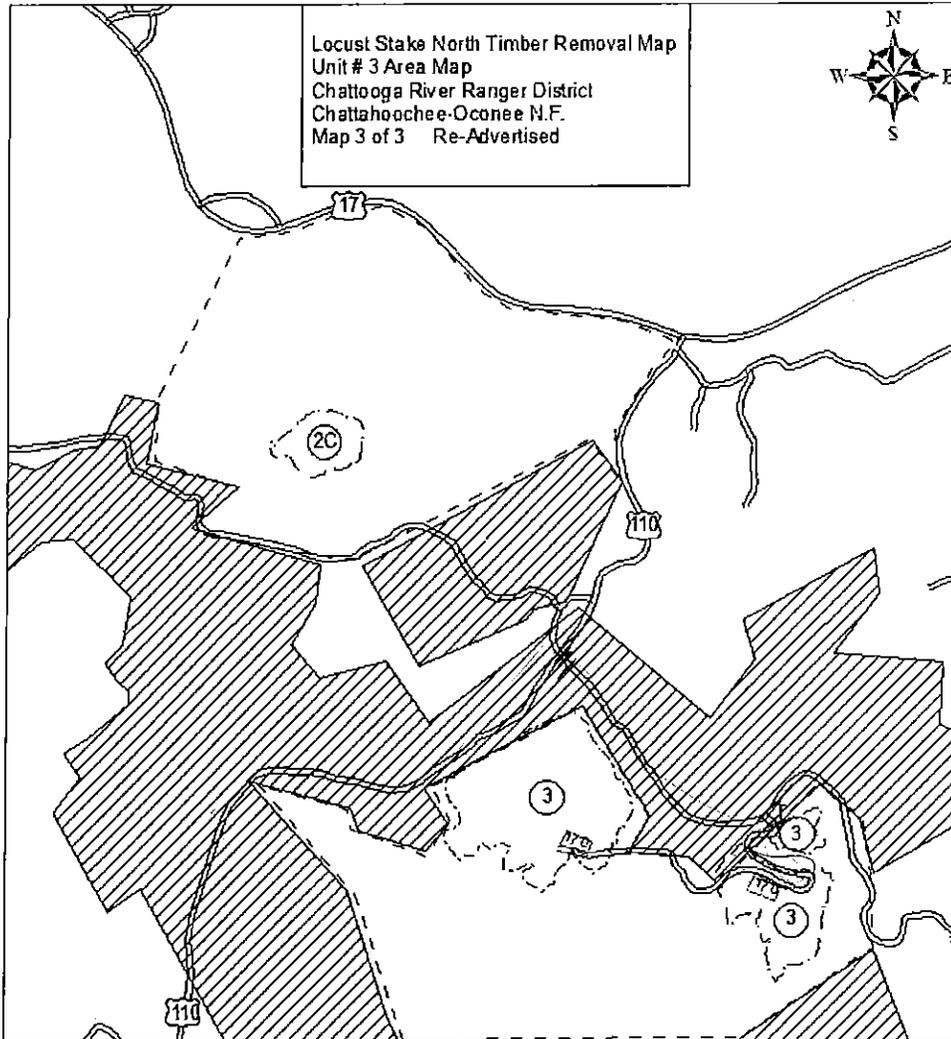
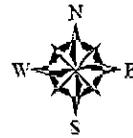
1: 15,840 0 0.15 0.3 0.6 Miles

| Payment Unit # | Designation Method                         |
|----------------|--|
| 01, 02, 03     | CTM - Cut Tree Marking - KT - CT.<br>3 5 5 |



Westbrook 09/02/2014; Disclaimer

Locust Stake North Timber Removal Map  
 Unit # 3 Area Map  
 Chattooga River Ranger District  
 Chattahoochee-Oconee N.F.  
 Map 3 of 3 Re-Advised



**LEGEND**

-  Contract Area Boundary - CT. 3.0
-  Payment Unit Boundary - CT. 3.0
-  Payment Unit Number - CT. 3.0
-  Slash Treatment - KT-GT. 7
-  Traffic Control Device - GT. 3.3
-  Existing Road - FT. 1.2
-  Forest Service Roads
-  Other Ownership

1:15,840 0 0.15 0.3 0.6 Miles

| Payment Unit # | Designation Method                        |
|----------------|---|
| 01, 02, 03     | CTM - Cut Tree Marking - KT - CT<br>3.5.5 |

