

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE  <b>INTEGRATED RESOURCE CONTRACT</b> (Applicable to Contracts with Measurement before Harvest)		<b>Name of Contractor</b>	
<b>National Forest</b> Chattahoochee/Oconee	<b>Ranger District</b> Blue Ridge	<b>Region</b> Southern	<b>Contract Number</b>
<b>Contract Name</b> Forest Health North IRTC		<b>Award Date</b>	<b>Termination Date</b> 09/29/2017

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>

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

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

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

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

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

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

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

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

\_\_\_\_\_  
 (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>  <u>Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion</u></p>	
<p>Contract Name: _____            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: _____            Business Address: _____            _____</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 400 acres more or less is located in:

Comp 641, Comp 406, Comp 400, Comp 607, Comp 612, Comp 627, Comp 644

**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	58.00	CCF	12.0	1.5	8	8.0	30
Hardwood - Low Grade	Sawtimber	7.00	CCF	12.0	1.5	8	8.0	30
Southern Yellow Pine	Sawtimber	289.00	CCF	9.0	1.5	8	6.3	30
Eastern W. Pine	Sawtimber	4,232.00	CCF	10.0	1.5	8	6.3	30
Hardwoods	Pulpwood	278.00	CCF	5.0	1	10	3.5	N/A
Softwood - Other	Pulpwood	955.00	CCF	5.0	1	10	3.5	N/A
<b>Total Quantity</b>		5,819.00	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)	_____	302
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					Base Index
			Base \$	Advertised \$	Bid Premium \$	Bid (Tentative) \$	Required Deposits Slash Disposal \$	
<b>Not Applicable</b>								

**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				
			Base \$	Advertised \$	Bid Premium \$	Bid (Flat) \$	Required Deposits Slash Disposal \$
Hardwoods	Sawtimber	CCF	5.00	49.26			.00
Hardwood - Low Grade	Sawtimber	CCF	5.00	5.00			.00
Southern Yellow Pine	Sawtimber	CCF	5.00	37.57			.00
Eastern W. Pine	Sawtimber	CCF	5.00	23.85			.00
Hardwoods	Pulpwood	CCF	1.00	1.00			.00
Softwood - Other	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

Pay-ment 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	14						Southern Yellow Pine	Sawtimber	3.00	CCF		.00
							Eastern W. Pine	Sawtimber	202.00	CCF		
							Hardwoods	Pulpwood	19.00	CCF		
							Softwood - Other	Pulpwood	69.00	CCF		
							<b>Total PU Quantity And Value</b>			293.00	CCF	
10	9						Southern Yellow Pine	Sawtimber	54.00	CCF		.00
							Eastern W. Pine	Sawtimber	32.00	CCF		
							Hardwoods	Pulpwood	14.00	CCF		
							Softwood - Other	Pulpwood	32.00	CCF		
							<b>Total PU Quantity And Value</b>			132.00	CCF	
11	38						Hardwoods	Sawtimber	15.00	CCF		.00
							Hardwood - Low Grade	Sawtimber	2.00	CCF		
							Southern Yellow Pine	Sawtimber	1.00	CCF		
							Eastern W. Pine	Sawtimber	599.00	CCF		
							Hardwoods	Pulpwood	37.00	CCF		
							Softwood - Other	Pulpwood	44.00	CCF		
							<b>Total PU Quantity And Value</b>			698.00	CCF	
12	35						Hardwoods	Sawtimber	9.00	CCF		.00
							Hardwood - Low Grade	Sawtimber	1.00	CCF		
							Southern Yellow Pine	Sawtimber	6.00	CCF		
							Eastern W. Pine	Sawtimber	692.00	CCF		
							Hardwoods	Pulpwood	21.00	CCF		
							Softwood - Other	Pulpwood	39.00	CCF		
							<b>Total PU Quantity And Value</b>			768.00	CCF	
13	19						Hardwoods	Sawtimber	13.00	CCF		.00
							Hardwood - Low Grade	Sawtimber	2.00	CCF		
							Southern Yellow Pine	Sawtimber	1.00	CCF		
							Eastern W. Pine	Sawtimber	386.00	CCF		
							Hardwoods	Pulpwood	31.00	CCF		
							Softwood - Other	Pulpwood	21.00	CCF		
							<b>Total PU Quantity And Value</b>			454.00	CCF	
2	25						Hardwoods	Sawtimber	6.00	CCF		.00
							Hardwood - Low Grade	Sawtimber	1.00	CCF		
							Southern Yellow Pine	Sawtimber	5.00	CCF		
							Eastern W. Pine	Sawtimber	204.00	CCF		
							Hardwoods	Pulpwood	12.00	CCF		
							Softwood - Other	Pulpwood	129.00	CCF		
							<b>Total PU Quantity And Value</b>			357.00	CCF	
3	22						Southern Yellow Pine	Sawtimber	123.00	CCF		.00
							Eastern W. Pine	Sawtimber	198.00	CCF		
							Hardwoods	Pulpwood	3.00	CCF		
							Softwood - Other	Pulpwood	182.00	CCF		
							<b>Total PU Quantity And Value</b>			506.00	CCF	

Pay-ment 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 \$	
4	29				Hardwoods	Sawtimber	8.00	CCF		.00	
					Hardwood - Low	Sawtimber	1.00	CCF			
					Grade						
					Southern Yellow	Sawtimber	10.00	CCF			
					Pine						
					Eastern W. Pine	Sawtimber	438.00	CCF			
					Hardwoods	Pulpwood	17.00	CCF			
		Softwood - Other	Pulpwood	48.00	CCF						
					<b>Total PU Quantity And Value</b>		522.00	CCF			
5	20				Hardwoods	Sawtimber	1.00	CCF		.00	
					Southern Yellow	Sawtimber	6.00	CCF			
					Pine						
					Eastern W. Pine	Sawtimber	302.00	CCF			
					Hardwoods	Pulpwood	30.00	CCF			
					Softwood - Other	Pulpwood	61.00	CCF			
					<b>Total PU Quantity And Value</b>		400.00	CCF			
6	25				Hardwoods	Sawtimber	2.00	CCF		.00	
					Southern Yellow	Sawtimber	34.00	CCF			
					Pine						
					Eastern W. Pine	Sawtimber	414.00	CCF			
					Hardwoods	Pulpwood	11.00	CCF			
					Softwood - Other	Pulpwood	101.00	CCF			
					<b>Total PU Quantity And Value</b>		562.00	CCF			
7	29				Hardwoods	Sawtimber	3.00	CCF		.00	
					Southern Yellow	Sawtimber	14.00	CCF			
					Pine						
					Eastern W. Pine	Sawtimber	371.00	CCF			
					Hardwoods	Pulpwood	40.00	CCF			
					Softwood - Other	Pulpwood	112.00	CCF			
					<b>Total PU Quantity And Value</b>		540.00	CCF			
8	14				Southern Yellow	Sawtimber	13.00	CCF		.00	
					Pine						
					Eastern W. Pine	Sawtimber	95.00	CCF			
					Hardwoods	Pulpwood	20.00	CCF			
					Softwood - Other	Pulpwood	60.00	CCF			
					<b>Total PU Quantity And Value</b>		188.00	CCF			
9	23				Hardwoods	Sawtimber	1.00	CCF		.00	
					Southern Yellow	Sawtimber	19.00	CCF			
					Pine						
					Eastern W. Pine	Sawtimber	299.00	CCF			
					Hardwoods	Pulpwood	23.00	CCF			
					Softwood - Other	Pulpwood	57.00	CCF			
					<b>Total PU Quantity And Value</b>		399.00	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	Hemlock Woolly Adelgid Treatment	Inches	24,547.00		
2	Non-native Invasive Species Control	Acres	121.20		
3	Gate Replacement	Each	3.00		
4	FSR 816 Road Maintenance	Miles	1.90		
5	FSR 332 Road Maintenance	Miles	1.38		

Optional Stewardship Projects						
Priority	Project Number	Project Description	Units of Measure	Quantity	Bid Rate \$	Total Credits
6	6	FSR 119 Road Maintenance	Miles	1.60		

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		
Road No.	Name				Survey	Design	Construction Staking <sup>1/</sup>
<b>Not Applicable</b>							

<sup>1/</sup> 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

September 29, 2017

**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 31, inclusive

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

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

Performance Bond Amount: \_\_\_\_\_

**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: Softwood Lumber Index Number: 0811

**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.1.2#	USE OF ROADS BY CONTRACTOR (09/2004)
KT-FT.3.1#	ROAD MAINTENANCE REQUIREMENTS (09/2004)
KT-GT.2.2.3#	PROTECTION OF SPECIAL AREAS (09/2004)
KT-GT.3#	SCHEDULE FOR RELEASE OF PAYMENT UNITS (09/2004)
KT-GT.4.1.4#	DIRECTIONAL FELLING OBJECTIVES (09/2004)
KT-GT.5#	STREAMCOURSE PROTECTION (09/2004)
KT-GT.6.0.1#	REVEGETATION PLAN AND SPECIFICATIONS (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-CT.2.1 - UTILIZATION AND REMOVAL OF INCLUDED TIMBER (09/2004)

CT.2(b) notwithstanding, bucking lengths shall be varied to ensure that the maximum sawlog piece that may be left is 2 feet and that the maximum small roundwood piece that may be left is 5 feet.

Where cut trees are identified by paint, the Contractor shall leave stumps of a minimum height to avoid obliterating paint markings that indicate individual trees to be cut.

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

**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.

<b>Payment Unit</b>	<b>Paint Color</b>	<b>Designation</b>
ALL	Orange	Unit Boundaries are marked on undesignated trees with three vertical spots facing to the interior of the cutting unit. Each boundary tree also has a butt mark applied at ground level.
5, 6	NA	Wilscot Cemetery Road is the west boundary for both units
8	NA	Newport Road is the west boundary for unit
9	NA	Double Head Gap Road is the south boundary for unit
11, 12, 13	NA	FSR 816 is the west boundary for all 3 units

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**

**Table KT-CT.3.5.5# - INDIVIDUAL TREES: (9/02)**

**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 Sale Area Map with symbol CTM

<b>1/Payment Unit(s)</b>	<b>2/ Paint Color</b>
1, 2, 4, 5, 6, 7, 9, 11, 12, 13	Green

**Leave Tree Marking:** Individual trees to be cut are Marked in all or parts of the following Payment units. Unmarked trees meeting Utilization Standards in AT2 shall be cut. Areas of leave tree marking are shown on the Sale Area Map with symbol LTM

<b>1/Payment Unit(s)</b>	<b>2/ Paint Color</b>
3, 8, 10	Orange

KT-ET.4 - PAYMENTS NOT RECEIVED (08/2012)

(a) Payments are due and payable on the date of issue indicated on the bill for collection. When a payment for timber cut and other charges is not received at the location designated by Forest Service by the date specified in the bill for collection, Contracting Officer will suspend all or any part of Contractor's Operations until payment or acceptable payment guarantee is received. Other charges include, but are not limited to:

- (i) Slash disposal and road maintenance deposits;
- (ii) Cooperative work at rates established by specific agreement under ET.2.1.8;
- (iii) Damages pursuant to JT.4;
- (iv) Road use fees;
- (v) Restoration of downpayment pursuant to ET.2.2;
- (vi) Periodic payments pursuant to ET.2.1.3;
- (vii) Extension Deposits pursuant to ET.2.1.7; and
- (viii) Other mandatory deposits.

(b) Failure to pay amounts due by the date specified in the bill for collection shall be considered a breach under JT.3. The 30-day notice period prescribed therein shall begin to run as of the end of business on the date specified for receipt of payments. If the performance or payment is guaranteed by surety bond, the surety will receive a copy of the written notification of breach. Demand will be made on the surety or other institution providing the guarantee or bond instrument for immediate payment 10 days after issuance of written notification of the breach.

(c) Pursuant to the Debt Collection Improvement Act of 1996, as amended, if payment is not received by Forest Service within 15 days after the date of issue indicated on the bill for collection:

(i) Simple interest shall be assessed at the Current Value of Funds Rate as established by the Secretary of the Treasury. Interest will begin to accrue as of the date of issue indicated on the initial bill for collection.

(ii) Debtors will be assessed administrative charges, in addition to the delinquent amount due. Administrative charges are those additional costs incurred by the Government in processing, handling, and collecting delinquent debts.

(iii) A penalty charge of six (6) percent per annum will be assessed on any portion of a debt delinquent more than 90 days. This penalty charge is in addition to interest and administrative charges under paragraphs (c)(i) and (c)(ii). The penalty charge shall accrue from the date of issue indicated on the bill for collection and shall be assessed on all outstanding amounts, including interest and administrative costs assessed under paragraphs (c)(i) and (c)(ii).

(iv) Payments will be credited on the date received by the Federal Depository or Collection Officer designated on the bill for collection.

(d) Forest Service remedies for Contractor's failure to make payment for timber cut and other charges when due, except for accrual of interest, suspension of all or any part of Contractor's Operations, and administrative offset, shall be stayed for so long as:

- (i) A bona fide dispute exists as to Contractor's obligation to make such payment and
- (ii) Contractor files and prosecutes a timely Claim.

Contract Name: Forest Health North IRTC

KT-FT.1.2# - USE OF ROADS BY CONTRACTOR (09/2004)

Contractor's use of existing roads identified on Contract Area Map by the following codes is prohibited or subject to restrictive limitations, unless agreed otherwise:

Code	Use Limitations
X	Hauling prohibited
R	Hauling restricted
U	Unsuitable for hauling prior to completion of agreed reconstruction
P	Use prohibited
A	Public use restriction
W	Regulation waiver

Roads coded A will be signed by the Forest Service to inform the public of use restrictions. Contractor's use of roads coded R, A, or W shall be in accordance with the following restrictions:

**See Restricted Road List Table.**

KT-FT.1.2# – USE OF ROADS BY CONTRACTOR. (9/04) Contractor's use of existing roads identified on Contract Area Map by the following codes is prohibited or subject to restrictive limitations, unless agreed otherwise:

<u>Code</u>	<u>Use Limitations</u>
X	Hauling prohibited
R	Hauling restricted
U	Unsuitable for hauling prior to completion of agreed reconstruction
P	Use prohibited
A	Public use restriction
W	Regulation waiver

Roads coded A will be signed by Forest Service to inform the public of use restrictions. Contractor's use of roads coded R, A, or W shall be in accordance with the following restrictions:

**Restricted Road List**

Road Number	Road Name	Termini		Map Legend	Description of Restrictions
		From	To		
816	Tooni Gap	0.0	1.7	R	Short Log Trucks only (10 Wheel Trucks)
816	Tooni Gap	0.0	1.7	R	NO hauling (logs or equip) between Friday at Noon through Monday 5:00 am
CR 19	Wilscot Cemetery	0.0	0.8	R	NO hauling (logs or equip) between Friday at Noon through Monday 5:00 am
119	Persimon	0.0	1.6	R	NO hauling (logs or equip)

Contract Name: Forest Health North IRTC

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.

**Table KT-FT.3.1 - Contract Road Maintenance Requirements Summary:**

Road	Termini		Miles	Applicable Prehaul Road Maintenance Specifications								
	From	To		1030	1040(1)	1040(2)	3010	4020				
816	0.0	1.7	1.7	P	P	P	P	P				
332	0.0	0.12	0.12	P		P	P	P				
CR19	0.0	0.8	0.8	P		P		P				

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

Road	Termini		Miles	Applicable During Haul Road Maintenance Specifications								
	From	To		1030	1040(1)	1040(2)	3010	4020				
816	0.0	1.7	1.7	P	P	P						
332	0.0	0.12	0.12	P								
CR19	0.0	0.8	0.8	P		P						

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

Road	Termini		Miles	Applicable Post Haul Road Maintenance Specifications								
	From	To		1030	1040(1)	1040(2)	3010	4020				
816	0.0	1.7	1.7	P	P	P						
332	0.0	0.12	0.12	P		P						
CR19	0.0	0.8	0.8	P		P						

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

**1040 (1) GDOT GAB**  
**1040 (2) #4 Stone**

Contract Name: Forest Health North IRTC

KT-GT.2.2.3# - PROTECTION OF SPECIAL AREAS (09/2004)

The Contractor shall not conduct logging operations within the boundaries of the following areas: N/A

Logging shall be permitted in the following areas only during the following specified times: Units 11, 12, and 13, felling within 150 feet of FSR 816 between the time of Monday morning 5:00 am through Friday at 12:00 pm (or noon).

The locations of these areas are shown on Contract Area Map and are marked on the ground by the following means: N/A

KT-GT.3# - SCHEDULE FOR RELEASE OF PAYMENT UNITS (09/2004)

Unless otherwise agreed in writing, no more than 2 Payment Units may be operated at one time. Upon completion of all contract requirements in a Payment Unit, an additional Payment Unit may be released for cutting if by such release the maximum number of Payment Units specified above, which may be operated at one time, is not exceeded.

The sequence for cutting Payment Units shall be: N/A

KT-GT.4.1.4# - DIRECTIONAL FELLING OBJECTIVES (09/2004)

Unless otherwise agreed in writing, in areas shown on Contract Area Map as subject to this provision, the Contractor shall control the direction of fall of Included Timber by wedging, jacking, lining, or other appropriate methods. Methods used shall result in felling trees away from any improvements and/or private property.

Applicable Unless otherwise agreed, the location of tractor skid roads shall be approved in advance of felling operations.

KT-GT.5# - STREAMCOURSE PROTECTION (09/2004)

The following are required in addition to the Standard Provisions under GT.5:

N/A Fords may be permitted with written authorization in locations containing rock or rock-fragment bottoms or where streams can be protected with corduroy or gravel.

Applicable All vehicles are prohibited within a Pink Marked boundary along either side of Streamcourses that are shown on the Contract Area Map. Vehicles will be allowed to cross Streamcourses only at locations designated by the Forest Service or as essential to construction or removal of culverts or bridges.

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.

N/A Seeding operations shall not begin without the presence of a Forest Service representative.

N/A Other revegetation specification: N/A

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

**Table KT-GT.6.0.1 – Revegetation Plan and Specifications, Seeding Seasons:**

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

<b>Starting Date</b>	<b>Ending Date</b>
April 01	June 15
September 1	November 1

**Table KT-GT.6.0.1 – Revegetation Plan and Specifications, Fertilizer and Seed:**

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

**Spring planting season:**

<b>Fertilizer</b>	<b>Pounds/Acre</b>	<b>Seed</b>	<b>Pounds/Acre</b>
10-10-10	100	Brown Top Millet	25

**Fall planting season:**

<b>Fertilizer</b>	<b>Pounds/Acre</b>	<b>Seed</b>	<b>Pounds/Acre</b>
10-10-10	500	Red Clover	15
		Annual Rye	15
		Wheat	30

Contract Name: Forest Health North IRTC

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

**Table: KT-GT.7# Slash Treatment Table**

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

<b>Map Symbol</b>	<b>Title</b>	<b>Treatment</b>
<b>ss</b>	<b>Slash Treatment Zone</b>	Within areas along roads, trails, streamcourses, waterfronts, overlooks, or other sites, the Purchaser 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 <u>50</u> feet measured from the edge of the clearing limit or other feature.
<b>N/A</b>	<b>Lop and Scatter</b>	Within 50 feet of skid trails and landing, all slash is to be lopped and scattered to less than 3 ft in height and 20 feet in length.

KT-GT.8 - MEASURING (09/2004)

The estimated quantity of timber has been determined by tree measurement in accordance with the methods described in the Timber Cruising Handbook (FSH 2409.12), a copy of which may be examined in the Forest Supervisor's or the Ranger's Offices.

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

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

**Stewardship Projects**

**Table KT-GT.9# Stewardship Projects (09/2004)**

Performance of Stewardship Projects shall be in accordance with the following specifications:

**Stewardship Projects Summary:**

<b><u>Item #</u></b>	<b><u>Description</u></b>	<b><u>Unit</u></b>	<b><u>Quantity</u></b>
Mandatory Work			
1	Hemlock Woolly Adelgid Treatment	Tree DBH Inches	24547
2	Non-Native Invasive Species Control	Acres	121.2
3	Gates	Gate	3
4	FSR 816 Rd Mainenance	Miles	1.9
5	FSR 332 Rd Maintenance	Miles	1.38
Optional Work			
6	FSR 119 Rd Maintenance	Miles	1.6

KT-HT.2.0.1 - TRUCK, TRACTOR, AND POWER SAW MUFFLERS (09/2004)

Effective muffler systems installed by the manufacturer as standard equipment shall be maintained on exhausts of trucks, power saws and other internal combustion engines used in the Contractor's Operations.

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 shovel and/or fire rake 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-HT.2.2.1 - EMERGENCY FIRE PRECAUTIONS (09/2004)

The Contractor shall limit or restrict operations in accordance with the Fire Danger Rating schedule shown below. The Forest Service will determine Fire danger ratings by using the National Fire Danger Rating System.

The Forest Service shall notify the Contractor of predicted fire danger that may limit or restrict operations. In all cases, the actual weather elements shall govern over the predicted weather elements in determining Fire Danger. Fire danger ratings are based on a severity index from A (low) to E (highest).

Fire Danger Rating:	Limitations or Restrictions on Contractor Operations:
A to C:	Normal fire precautionary operations
C+ to D (Very High)	Forest Service may suspend any or all of Contractor's operations.
E (Extreme)	In addition to above restrictions, internal combustion engines or other spark-producing equipment shall not be operated within any areas of the timber sale without specific written approval by the Forest Service.

KT-IT.2.1.2 - MARKET-RELATED CONTRACT TERM ADDITION (11/2008)

The term of this contract may be adjusted when a drastic reduction in wood product prices has occurred in accordance with 36 CFR 223.52. The Producer Price Index used to determine when a drastic reduction in price has occurred is stated in AT.17. Contractor will be notified whenever the Chief determines that a drastic reduction in wood product prices has occurred. If the drastic reduction criteria specified in 36 CFR 223.52 are met for 2 consecutive calendar quarters, after contract award date, Contracting Officer will add 1 year to the contract term, upon Contractor's written request. For each additional consecutive quarter such a drastic reduction occurs, Contracting Officer will, upon written request, add an additional 3 months to the term during Normal Operating Season, except that no single 3-month addition shall extend the term of the contract by more than one year. Contracting Officer must receive Contractor's written request for a market-related contract term addition before the expiration of this contract.

No more than 3 years shall be added to a contract's term by market-related contract term addition unless the following conditions are met:

(i) The contract was awarded after December 31, 2006; and

(ii) A drastic reduction in wood product prices occurred in at least ten of twelve consecutive quarters during the contract term, but not including the quarter in which the contract was awarded.

For each qualifying quarter meeting the criteria in paragraphs (i) and (ii) of this provision, the Forest Service will, upon the Contractor's written request, add an additional 3 months during the normal operating season to the contract, except no single 3-month addition shall extend the term of a contract by more than 1 year.

In no event shall a revised contract term exceed 10 years as a result of market-related contract term addition.

Additional contract time may not be granted for those portions of the contract that have a required completion date or for those portions of the contract where Contracting Officer determines that the timber is in need of urgent removal or that timber deterioration or resource damage may result from delay.

# ROAD MAINTENANCE REQUIREMENTS

## FS-2400-13T Contracts (9/04)

**Contract Name:** Forest Health North IRTC Stewardship

### **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.

## **ROAD MAINTENANCE REQUIREMENTS**

### **FS-2400-13T Contracts (9/04)**

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 ravelling.

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.

**ROAD MAINTENANCE REQUIREMENTS**  
**FS-2400-13T Contracts (9/04)**

**SECTION 3. ROAD MAINTENANCE REQUIREMENTS SCHEDULE**

**Contract Road Maintenance Requirements Summary**

Road	Termini		Miles	Applicable Prehaul Road Maintenance Specifications								
	From	To		1030	1040(1)	1040(2)	3010	4020				
816	0.0	1.7	1.7	P	P	P	P	P				
332	0.0	0.12	0.12	P		P	P	P				
CR19	0.0	0.8	0.8	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		1030	1040(1)	1040(2)	3010	4020				
816	0.0	1.7	1.7	P	P	P						
332	0.0	0.12	0.12	P								
CR19	0.0	0.8	0.8	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		1030	1040(1)	1040(2)	3010	4020				
816	0.0	1.7	1.7	P	P	P						
332	0.0	0.12	0.12	P		P						
CR19	0.0	0.8	0.8	P		P						

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

1040 (1) GDOT GAB

1040 (2) #4 Stone

**ROAD MAINTENANCE REQUIREMENTS**  
**FS-2400-13T Contracts (9/04)**

**SECTION 4. ROAD MAINTENANCE ACTIVITY SPECIFICATIONS**

**INCLUDED SPECIFICATIONS**

<u>Activity No.</u>	<u>Activity Specification Title</u>
1010	Slide and Slump Repair
1020	Surface Blading (Dozer)
1030	Surface Blading (Grader)
1040	Spot Surface Course Placement
1050	Cyclic Surface Course Placement
3010	Drainage Structures
3020	Ditch Cleaning
3050	Waterbars
4020	Roadway Mowing and Clearing
4050	Seeding
6020	Miscellaneous Structures
7070	Road Closure

**ACTIVITY 1030 - SURFACE BLADING (GRADER)**

**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 shall be completed with a motor grader.

**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. Surface irregularities shall be eliminated and the surface left in a free-draining state and to a smoothness needed to facilitate traffic. 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.

# ROAD MAINTENANCE REQUIREMENTS

## FS-2400-13T Contracts (9/04)

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.

1.2 1040(1) GDOT GAB

1.3 1040(2) #4 Stone

#### 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.

Road Number	Road Name	Prehaul	During Haul	Post Haul	Type Material	Quantity (C.Y./Tons)
816	Tooni Gap	90	54	90	GDOT GAB	234
816	Tooni Gap	90	72	90	#4 Stone	252
332	Laurel Branch	36		18	#4 Stone	54
CR 19	Wilscott Cemetery	90	54	90	#4 Stone	234

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.

# ROAD MAINTENANCE REQUIREMENTS

FS-2400-13T Contracts (9/04)

## ACTIVITY 3010 - DRAINAGE STRUCTURES

### DESCRIPTION

1.1 This work consists of maintaining and/or installation/removal of Drainage Structures and related items such as inlet and outlet channels, existing riprap, trash racks, and drop-inlets.

### MATERIALS

2.1 All Materials used in the maintenance and/or installation/removal of Drainage Structures shall conform by type and specification to the Material in the structure being maintained or as indicated in the Requirements, 3.3.

### REQUIREMENTS

3.1 Drainage Structures and related items shall be cleared of all foreign Material which has been deposited above the bottom of the structure and all vegetative growth which interferes with the water flow. Material removed that cannot be incorporated into maintenance work shall be uniformly placed on fill slopes unless agreed otherwise.

3.2 Perform maintenance to insure the proper functioning of the head walls, aprons, inlet assemblies, riprap, trash racks, and other facilities related to the Drainage Structure.

3.3 Install/remove ditches, drainage dips, rock crossings and/or culverts as follows and as marked on the ground. Installation of structures shall not begin without the presence of a Forest Service representative.

Road Number	Road Name	Remove/Install	Type of Structure	Size	Quantity

3.4 Installation shall be in accordance with construction industry standards and practices.

3.5 Culvert designated for removal shall become the property of the Contractor.

## 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.



Dockery Rd

### Timber Removal Map

#### Units 1 & 2

Forest Health North IRTC Project  
Chattahoochee National Forest  
Blue Ridge Ranger District  
Sheet 1 of 7

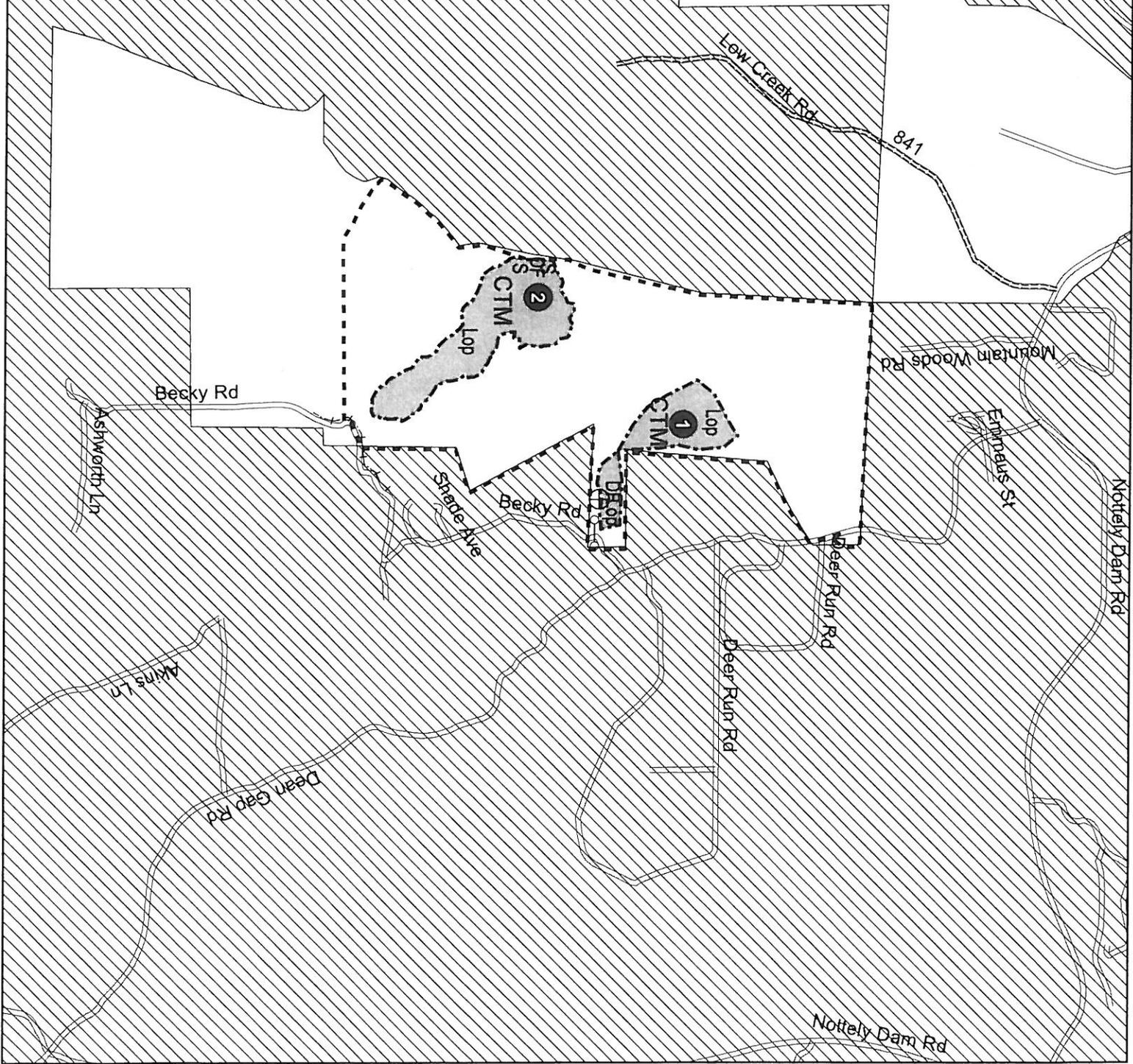
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-  Payment Unit Boundary ((C)T).3.0#
-  Payment Unit Number ((C)T).3.0#
-  Slash Treatment KT-GT.7#
-  Lop Slash Treatment KT-GT.7#
-  DF Directional Fellinging KT-GT.4.1.4#
-  Water\_Tank
-  Transmission Line
-  Forest Service Roads
-  Existing Road FT.1.2#
-  Other Ownership

DB 8/5/2014

1:15,840



**Disclaimer**  
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700

1,400

2,800 Feet

841

Low Creek Rd

Mountain Woods Rd

Emmaus St

Nottely Dam Rd

Deer Run Rd

Deer Run Rd

Nottely Dam Rd

Becky Rd

Shade Ave

Becky Rd

Ashworth Ln

Akins Ln

Dean Gap Rd

DF  
S  
CTM  
Lop  
2

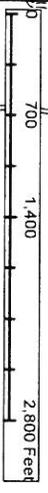
DF  
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**Timber Removal Map**  
**Units 3 & 4**  
**Forest Health North IRTC Project**  
**Chattahoochee National Forest**  
**Blue Ridge Ranger District**  
**Sheet 2 of 7**

-  Contract Area Boundary
  -  Payment Unit Boundary ((C)T).3.0#
  -  Payment Unit Number ((C)T).3.0#
  -  Traffic Control Devices GT.3.3
  -  Slash Treatment KT-GT.7#
  -  Lop Slash Treatment KT-GT.7#
  -  Protected Improvements KT GT.2.2
  -  Gate
  -  Directional Felling KT-GT.4.1.4#
  -  Forest Service Roads
  -  Existing Road FT.1.2#
  -  Other Ownership
- DB 8/5/2014

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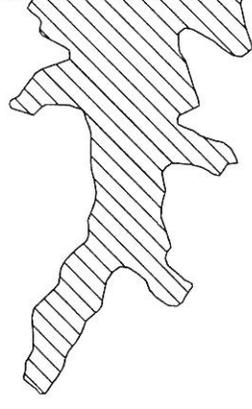


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Antioch Cemetery Rd



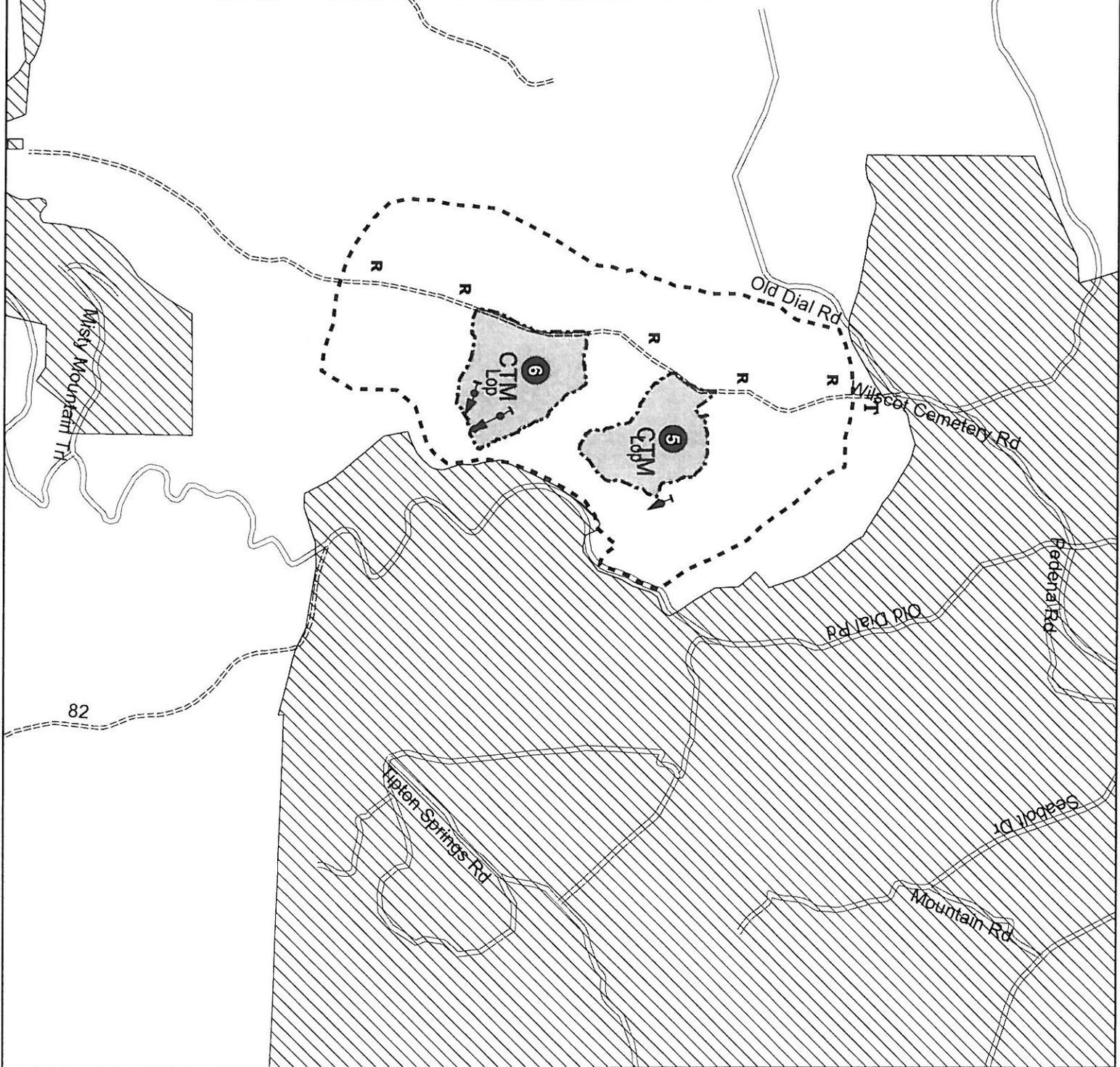
**Timber Removal Map**  
**Units 5 & 6**  
**Forest Health North IRTC Project**  
**Chattahoochee National Forest**  
**Blue Ridge Ranger District**  
**Sheet 3 of 7**

- Contract Area Boundary
- Payment Unit Boundary ((C)T).3.0#
- Payment Unit Number ((C)T).3.0#
- Traffic Control Devices GT3.3
- Lop
- Slash Treatment KT-GT.7#
- Streamcourse Protection GT.5
- DF Directional Felling KT-GT.4.1.4#
- Forest Service Roads
- Existing Road FT.1.2#
- Other Ownership

**1:15,840**



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DB 8/5/2014

**Timber Removal Map**  
**Unit 7**  
**Forest Health North IRTC Project**  
**Chattahoochee National Forest**  
**Blue Ridge Ranger District**  
**Sheet 4 of 7**

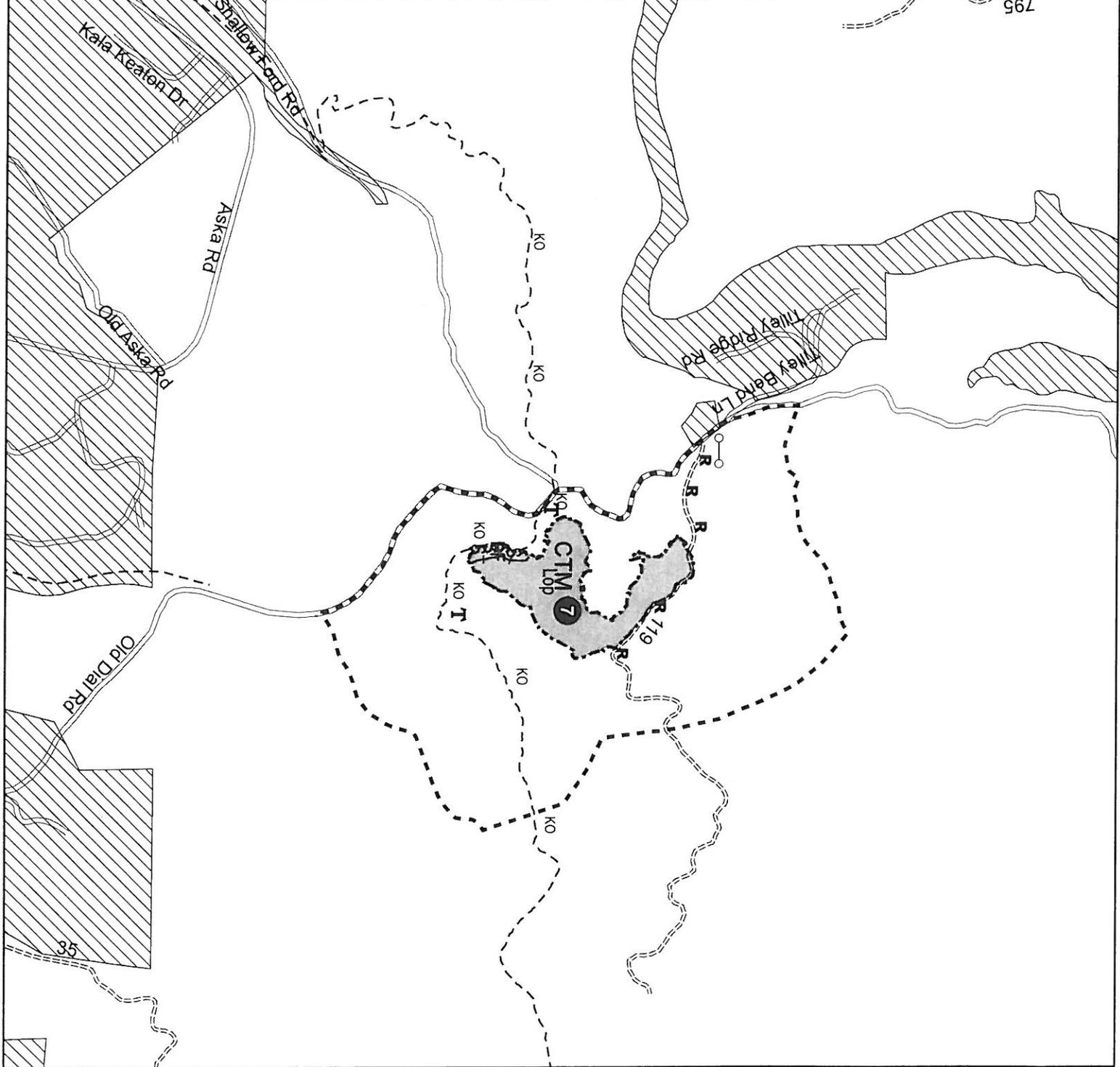
-  Contract Area Boundary
-  Payment Unit Boundary ((C)T).3.0#
-  Payment Unit Number ((C)T).3.0#
-  Gate
-  Traffic Control Devices GT3.3
-  Lop Slash Treatment KT-GT.7#
-  Trails KO
-  DF Directional Felling KT-GT.4.1.4#
-  R Limited Use Road KT-FT.1.2.3#
-  Forest Service Roads
-  Existing Road FT.1.2#
-  Other Ownership

DB 8/5/2014

**1:15,840**

0 700 1,400 2,800 Feet

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**Timber Removal Map**  
**Unit 8**  
**Forest Health North IRTC Project**  
**Chattahoochee National Forest**  
**Blue Ridge Ranger District**  
**Sheet 5 of 7**

-  Contract Area Boundary
-  Payment Unit Boundary ((C)T).3.0#
-  Payment Unit Number ((C)T).3.0#
-  Lop Slash Treatment KT-GT.7#
-  S Slash Treatment KT-GT.7#
-  DF Directional Felling KT-GT.4.1.4#
-  Forest Service Roads
-  Existing Road FT.1.2#
-  Other Ownership

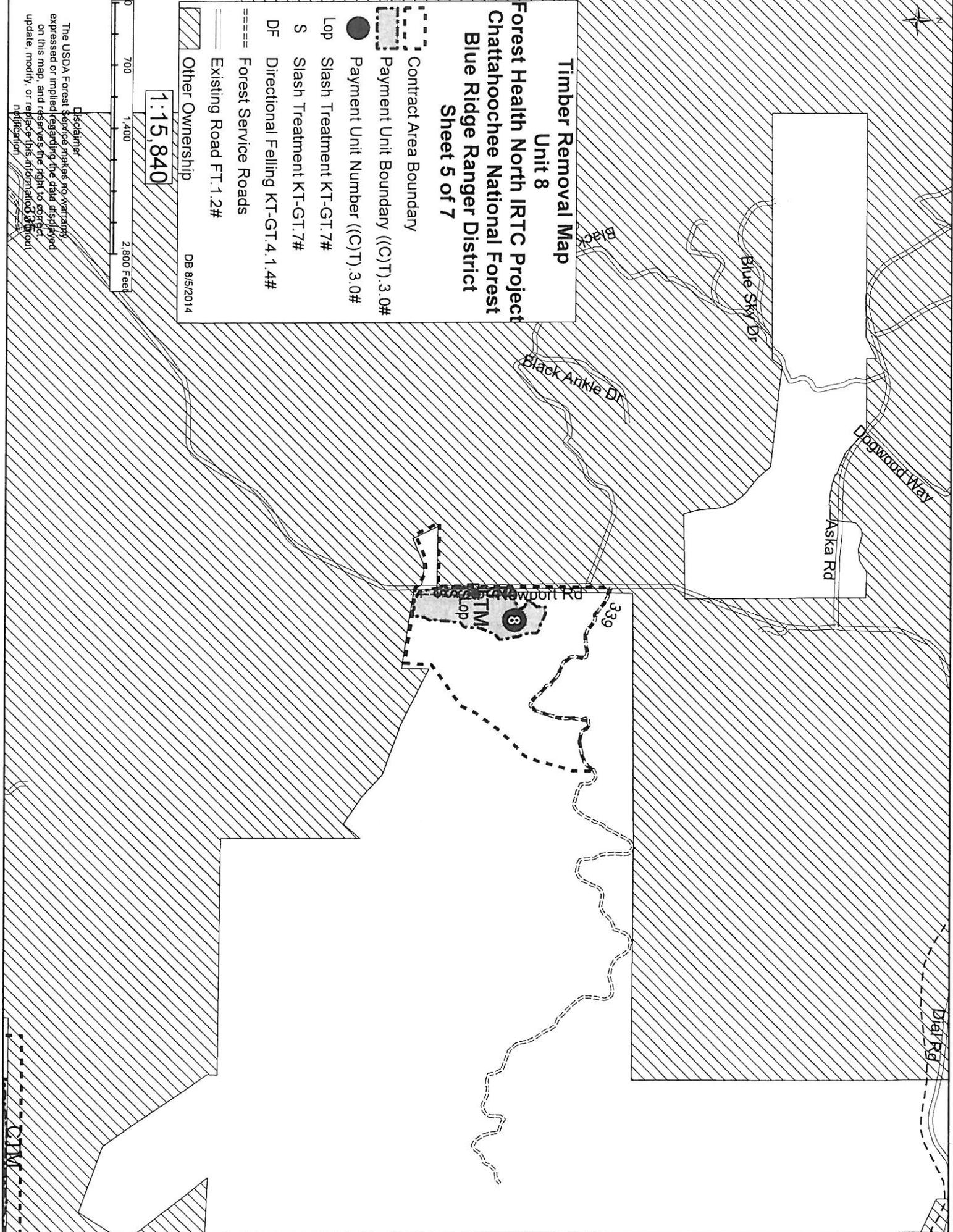
DB 8/5/2014

**1:15,840**



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Newport Rd

**Timber Removal Map**  
**Units 9 & 10**  
**Forest Health North IRTC Project**  
**Chattahoochee National Forest**  
**Blue Ridge Ranger District**  
**Sheet 6 of 7**

-  Contract Area Boundary
-  Payment Unit Boundary ((C)T).3.0#
-  Payment Unit Number ((C)T).3.0#
-  Protection of Special Areas KT-GT.2.2.3#
-  Lop Slash Treatment KT-GT.7#
-  S Slash Treatment KT-GT.7#
-  DF Directional Felling KT-GT.4.1.4#
-  T Traffic Control Devices GT3.3
-  Forest Service Roads
-  Existing Road FT.1.2#
-  Other Ownership

DB 8/5/2014

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# Timber Removal Map

## Units 11, 12, 13

### Forest Health North IRTC Project

### Chattahoochee National Forest

### Blue Ridge Ranger District

### Sheet 7 of 7

-  Contract Area Boundary
-  Payment Unit Boundary ((C)T).3.0#
-  Payment Unit Number ((C)T).3.0#
-  SA Protection of Special Area KT-GT.2.2.3#
-  Lop Slash Treatment KT-GT.7#
-  S Slash Treatment KT-GT.7#
-  DF Directional Felling KT-GT.4.1.4#
-  T Traffic Control Devices GT.3.3
-  Gate
-  Streamcourse Protection GT.5
-  R Limited Use Road KT-FT.1.2.3#
-  Forest Service Roads
-  Existing Road FT.1.2.#
-  Other Ownership

1:15,840

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