

TIMBER SALE APPRAISAL

Siuslaw National Forest Central Coast Ranger District

Drew Thin STWD

(Sale Name)

14804

(SALE Number)

North Fork Siuslaw EA

(EA/EIS/CE)

Drew Thin STWD NARRATIVE

Description of Contract Area

This contract consists of 9 commercial thinning subdivisions totaling 184 acres and will be sold as a ton contract and scaled 100% weight. There is an estimated 23,003 tons (7,485 ccf or 4,044 mbf) in this contract.

General Location

This contract is approximately 15 miles northeast of Florence, Oregon along Forest Service Road 5854 and is in the North Fork Siuslaw watershed.

Routes of Access

Contract is appraised to Noti, Oregon via Highway 126, county roads 5084 and 5070, and National Forest System road 5854 and its tributaries.

Relation to Other Contracts

Buttes Thin is a nearby sale.

Marking

Subdivision boundaries are flagged with yellow ribbon and tagged with blue boundary tags. Boundary trees are marked with pink tracer paint. All subdivisions are designation by prescription. Subdivisions 1, 3, and 7 include one acre and/or half acre gaps. Gaps centers are identified by a leave tree with one (1 acre) or two (1/2 acre) pink tracer paint bands at DBH and a mark on the stump.

Logging

Approximately 92% skyline yarding and 8% ground-based skidding was used in calculating the stump-to-truck cost in the appraisal. Skyline yarding is not required by the contract. However, the contractor is to include logging systems and yarding methods that will meet the end results as part of their Technical Proposal. Directional felling is required. Full suspension is required when yarding through streamcourses and buffers.

Roads and Other Developments

Approximately 1.61 miles of temporary roads and 44 landings are planned. Rock will be needed for temporary roads at the approach to all season system roads. 120 cubic yards of rock was appraised for temporary roads and 280 cubic yards of rock was appraised for landings.

Road Maintenance

Contractor will be responsible for prehaul, routine, seasonal, and post haul maintenance on system roads. 565 cubic yards of spot rock will be needed on system roads. Specific requirements to prevent the spread of invasive species are included in the road maintenance specifications.

Specified Road Reconstruction

There is specified reconstruction for road 5854 with a total 2.74 miles. The road completion date is 10/31/2015.

Erosion Control

Contractor will be required to block temporary roads, install waterbars on landings, skid trails, and temporary roads, and seed landings, skid trails and temporary roads. A coop deposit of \$0.02/ton will be required for the collection and propagation of seed for use on future contracts. Seed will be provided by the Forest Service for use on this contract.

Slash Disposal

Contractor shall scatter or pile and cover landing slash where present. Contractor shall treat logging slash in subdivision 9 within 25 feet of County Road 5084. Forest Service will burn piles.

Scaling

The contract will be scaled by 100% weight and paid for by the ton. Contractor shall request an alternate scaling site and enter into a "Weighing Service Agreement". Any load for which no weight ticket is furnished shall be considered a lost sample load with a weight equal to the weight of the heaviest load presented during the billing period, as established by the Forest Service, K-G.8.5.1.

Others

In subdivision 9, temporary road construction was appraised through forest service land. Temporary road may be possible through private (Seneca-Jones Timber Company) land with a road use agreement.

Road 5854-753 has an old gate that was welded shut that will need to be removed and disposed (appraised for in road maintenance).

Haul restrictions typically listed in K-G.3.1.5# - Project Operation Schedule, have been relocated to K-F.1.2# - Use of Roads.

Corporations submitting an offer under this solicitation must include form AD-3030-FS *Representations Regarding Felony Conviction and Tax Delinquent Status for Corporate Applicants*.

Seasonal restrictions apply. See contract for details.

Equipment cleaning is required before entering the Contract area.

SALE VOLUME SUMMARY
Volume Summaries By Unit

Sale Name: Drew Thin STWD

TIM Conversion			0.3254	0.1758		
Unit No.	Acres	TONS	CCF	MBF	% Sale Volume	TON Vol/Ac
1	28	3691	1201	649	16	132
2	27	2855	929	502	12	106
3	23	3032	987	533	13	132
4	8	1054	343	185	5	132
5	39	5141	1673	904	22	132
6	19	2504	815	440	11	132
7	13	1714	558	301	7	132
8	6	792	258	139	3	132
9	21	2220	722	390	10	106
TOTAL	184	23003	7485	4044	100	125

PRODUCT QUALITY ADJUSTMENT - OREGON WESTSIDE

Use with Appraisal Update #5-14

Sale Name: Drew Thin STWD

Date: 09-Jun-14 (mm/dd/yy)

Species Group #1	Minimum Dia - dib	Representative Grade*	Log price \$/mbf avg**	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
205	5.0" - 7.99"	#4 sawmill	617.00	819	1,662	304.05	-69.97
	8.0"-11.99"	#3 sawmill	709.00	2,223	4,214	374.02	0.00
	12.0"-17.99"	#2 sawmill	730.00	807	1,334	441.61	67.59
	18.0" - 30.0"	special mill	788.00	194	275	555.90	181.88

\$/ton Avg	Avg lb per cf	Volume CCF
25.00		

BPP for chips = 0.00 /ccf

(insert as override on TEA input screen

under BPP/CCF for products 08 and 20)

Weighted average Product Quality Adjustment (PQA) for Species Group #1 = 3.19 /ccf

Weighted average delivered log price for Species Group #1 = 377.21 /ccf (enter on TEA input screen as Log Pr/CCF)

Species Group #2	Minimum Dia - dib	Representative Grade*	Log price \$/mbf avg**	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
263,264,108 true firs spruces	5.0" - 7.99"	#4 sawmill	533.00				
	8.0"-11.99"	#3 sawmill	610.00			317.20	0.00
	12.0"-17.99"	#2 sawmill	605.00				
	18.0" - 24.0"	special mill	610.00				

Weighted average Product Quality Adjustment (PQA) for Species Group #2 = 0.00 /ccf

Weighted average delivered log price for Species Group #2 = 0.00 /ccf (enter on TEA input screen as Log Pr/CCF)

Species Group #3	Minimum Dia - dib	Representative Grade*	Log price \$/mbf avg**	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
242	< 12.0"	#4 sawmill	camprun				
	12.0"-23.99"	#3 sawmill	912.00			474.24	0.00
	24.0"+	#2 sawmill	0.00				

Weighted average Product Quality Adjustment (PQA) for Species Group #3 = 0.00 /ccf

Weighted average delivered log price for Species Group #3 = 0.00 /ccf (enter on TEA input screen as Log Pr/CCF)

Species Group #4	Minimum Dia - dib		Log price \$/mbf avg	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
		If this table is used, → entry needed here				0.00	

Weighted average Product Quality Adjustment (PQA) for Species Group #4 = 0.00 /ccf

Weighted average delivered log price for Species Group #4 = 0.00 /ccf (enter on TEA input screen as Log Pr/CCF)

Species Group #5	Minimum Dia - dib		Log price \$/mbf avg	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
		If this table is used, → entry needed here				0.00	

Weighted average Product Quality Adjustment (PQA) for Species Group #5 = 0.00 /ccf

Weighted average delivered log price for Species Group #5 = 0.00 /ccf (enter on TEA input screen as Log Pr/CCF)

Species Group #6	Minimum Dia - dib		Log price \$/mbf avg	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
		If this table is used, → entry needed here				0.00	

Weighted average Product Quality Adjustment (PQA) for Species Group #6 = 0.00 /ccf

Weighted average delivered log price for Species Group #6 = 0.00 /ccf (enter on TEA input screen as Log Pr/CCF)

* Industry grade used to associate minimum dib and delivered log price. Volume comprises mostly the representative grade, but also may include material of other grades.

Logging Cost Summary - Estimated Stump To Truck Cost

Summary By Sale And Logging System

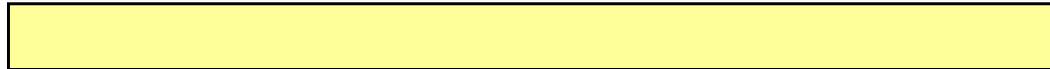
Logging System	Vol Type	Total Volume	Stump-truck \$/vol	Estimated Seasons
Skyline	ccf	6,900	160.89	3
Mechanized		0	0.00	0
Tractor	ccf	585	94.18	1
Shovel		0	0.00	0
Helicopter (1)		0	0.00	0
Sale-as-a-whole		7,485	155.68	

ovhd=6.18/ccf or 11.89/mbf, p&r=2% of costs included (except helicopter)

includes biomass:

\$/saw timber

Est biomass cost		Estimated total number <u>operating</u> days for sale	188
Include biomass in sale-as-a-whole?	<input type="checkbox"/>	Variable shutdown cost (all systems, if any) \$/vol	
		Include variable shutdown in sale-as-a-whole?	<input type="checkbox"/>



Include Chipper?

Hours Used

Haul-\$'s

Select helicopter alternative

Helicopter (1)

Sale: Drew Thin
Date: 6/9/14

LOGCOST Version 12.01

Report summary
table above in tons



**Engineering Notes for
Drew Thin STWD
6/20/2014**

A. Haul route roads:

The haul routes for this contract are on National Forest System (NFS) roads, Lane County Roads and Highway 126. Log haul will travel on NFS roads listed in Table 1.1 then south on Lane County Roads 5084 (Upper North Fork Road) and 5070 (North Fork Road) then east on U.S. 126 to the appraisal point of, Noti Oregon.

All roads used in this contract are non-key roads

Maintenance on this contract is contractor responsibility.

NFS road beginning and ending termini are detailed in table 1.1

Table 1.1

Road No.	Miles	Beginning Milepost	Ending Termini/Milepost
5854	4.00	LNC-5084	Unit 1 Landing A
5854753	0.30	5854	Unit 5 Landing A
5854754	0.42	5854	Unit 7 Landing A

The remaining portions of roads listed in Table 1.1 are not planned for use under this contract. Spot rock for NFS roads is included and appraised for.

B. System and temporary roads –season of haul, road protection and truck assist.

See logging feasibility report (LFR) for details.

In general, all system roads are appraised for rock re-surfacing or spot rocking except for roads which are paved.

Truck assist is not appraised for.

C. Unit Notes:

Unit 1: Mostly roadside landings except for landings A and F which are located at the end of short spurs. Spur to A new construction.

Unit 2: Landings A-D on 5854. Existing spur to landings E-I. Spur to landing E has 100' favorable at 27% just off of landing. This landing is smaller and has very little room for truck turnaround. Logs may need to be swung to junction with main spur and decked there for loading. Several truck turnaround options on main spur between landing E and I. Main spur 10-15% adverse to 5854

Unit 3: Roadside landings on 5854.

**Engineering Notes for
Drew Thin STWD
6/20/2014**

Unit 4: Existing spur to unit has earthen barricade at junction with 5854. Rock appraised for capping knocked down barricade. The barricade is functioning as a leadout ditch, ensure adequate drainage on 5854. Spur has approximately 200' of 20% favorable to good runoff on 5854.

Unit 5: All landings on existing roads. Landings D-J on 5854. Landings B&C on spur to knob approximately 300' down the 5854-753. Road 5854-753 has a gate that was welded shut previously and is of unknown functionality. Gate removal is included under miscellaneous maintenance. Dispose of gate legally off of government lands.

Unit 6: Spur to unit has a temporary culvert installation near the junction with 5854. The installation is a shallow fill. Appraisal includes 20' of 18" corrugated double wall polyethylene pipe, installation and 10CY of rock to cover backfilled area. Minimum 18" of cover on culvert is required. Culvert shall remain property of the contractor and be removed from government lands upon the conclusion of activities in unit 6. Spur to Landing B is new construction. Spur to Landing A leaves existing template and is new construction to landing.

Unit 7: Landings located on 5854-754.

Unit 8: Landings A & C roadside on 5854. Spur to B on short existing spur.

Unit 9: Unit is accessed from Lane County Road 5084. Landings on existing spurs. Spur from landing A to C winds through the unit and is new construction. The spur connects pieces of existing BPA access roads to Forest Service controlled lands. Seneca-Jones owns land adjacent to unit and holds title to a spur that leads to landings C & D. Bonneville Power Administration towers and conductors located within unit.

D. Pre and post sale operational status for the system roads:

Road #	Presale status	Post sale planned status	Waterbars/berms
5854 seg 1	Non-Key, Open	Non-Key, Open	None/None
5854 seg 2	Non-Key, Open	Non-Key, Closed	Type 2 / Berm
5854-753	Non-Key, Closed	Non-Key, Closed	Type 1 / Berm
5854-754	Non-Key, Open	Non-Key, Closed	Type 1 / Berm

**Engineering Notes for
Drew Thin STWD
6/20/2014**

E. Log Haul Operating season and Haul routes.

Unit Number	Planned Haul Route	Engineering Log Haul Operating season *
1	NFS 5854 → LAN5084 → LAN 5070 → Hwy 126 → Noti	All season
2 ±	NFS 5854 → LAN5084 → LAN 5070 → Hwy 126 → Noti	All season system roads, dry season temp roads.
3	NFS 5854 → LAN5084 → LAN 5070 → Hwy 126 → Noti	All season system roads.
4 ±	NFS 5854 → LAN5084 → LAN 5070 → Hwy 126 → Noti	All season system roads, dry season temp roads
5	NFS 5854-754 → NFS 5854 → LAN5084 → LAN 5070 → Hwy 126 → Noti	All season NFS 5854 Dry season NFS 5854-753 and temp roads.
6 ±	NFS 5854 → LAN5084 → LAN 5070 → Hwy 126 → Noti	All season system roads, dry season temp roads.
7 ±	NFS 5854-753 → NFS 5854 → LAN5084 → LAN 5070 → Hwy 126 → Noti	Dry season
8	NFS 5854 → LAN5084 → LAN 5070 → Hwy 126 → Noti	All season.
9	LAN5084 → LAN 5070 → Hwy 126 → Noti	Dry season.

* Dry season is June 15 – October 15.

± Indicates optional all season haul at contractors expense.

Rob Sanders
Transportation Planner
Siuslaw National Forest

HAUL COST APPRAISAL - APPRAISAL SUMMARY

Version 7.2, XL 2007 12/1/2009b

Sale name: Drew Thin STWD

Geo. area: OR

Date: 09-Jun-14

Cost type	Average trip rtm's	CCF per load	Tot rtm's per day	Total OT rtm's	CCF vol per day	Gross cost per day	Net cost per day	Net cost per ccf	Net \$/ccf w/inflation
<i>w/o scale</i>									
<i>with scale</i>	295.0	8.0	582.0	102.0	15.78	557.15	586.47	37.16	38.64

<<Scaling cost is included in the total haul cost below>>



Include scale cost in final haul cost

Yes

Total haul cost, \$/ccf = **\$38.64**

210 minutes

Volume Type...
CCF

Sale or Haul Narrative

[Empty yellow box for narrative]

Scale cost: \$67.55

ROAD MAINTENANCE WORKSHEET

Sale Name:	Drew Thin		7,485	CCF Volume		1.27	% OH
			23,002	Tons			
					Purchaser	Co-op	
	Termini			CCF	Work	Deposits	
Road	From	To	Miles	Volume	0.91	0.87	Remarks
5854	Unit 1	LAN 5084	3.62	1,201	0.91		Mileages to middle of units
5854	Unit 2	LAN 5084	3.44	929	0.91		
5854	Unit 3	LAN 5084	3.03	987	0.91		
5854	Unit 4	LAN 5084	2.23	343	0.91		
5854753	Unit 5 Ldg A	5854	0.30	167	0.91		Moving A to collector on 5854
5854	Unit 5 ldg A	Unit 5 ldg F	0.41	167	0.91		
5854	Unit 5 Ldg F	LAN 5084	1.66	1,673	0.91		
5854	Unit 6	5854	0.87	815	0.91		
5854754	Unit 7	5854	0.42	558	0.91		
5854	Unit 7	LAN 5084	0.87	558	0.91		
5854	Unit 8	LAN 5084	0.41	257	0.91		
LAN 5084	Jct 5854/LAN5084	Jct LAN 5084/LAN 5070	2.40	6,763			
LAN 5084	Unit 9	Jct LAN 5084/LAN 5070	1.00	722			
LAN 5070	Jct LAN 5084/LAN 5070	Hwy 126	11.49	7,485			
	Hwy 126	Noti Oregon	42.20	7,485.0			
			74.35				
		Total \$	\$/CCF	\$/Ton		58.06	Weighted Miles
	Purchaser Maint	18,178.10	2.43	0.79			
	Misc Maint. (see Eng. Notes)	1,733.82	0.23	0.08			
	Spot Rock (see worksheet)	25,425.00	3.40	1.11			
	Co-op Deposits	0.00	0.00	0.00			
	Totals	45,336.92	6.06	1.98			

Temporary Road and Landing Cost Worksheet

Sale Name: Drew Thin								7,485	CCF volume				
Temporary Roads						Landings							
Unit No. or temp road identifier	Length (Feet)	Cost for Re-open or New	Rock (cuyd)	Rock Cost \$/cuyd	Total Road Cost	Landing Costs	Rock (cuyd)	Rock Cost \$/cuyd	Total Landing Cost	Remarks			
Unit 1	100	\$150	30	\$45.00	\$1,500.00	\$1,200	100	\$45.00	\$5,700.00	Extra rock for landing A			
Unit 2	2,415	\$3,623		\$45.00	\$3,622.50	\$1,350	40	\$45.00	\$3,150.00	rock for landings along 5854			
Unit 3				\$45.00	\$0.00	\$450	30	\$45.00	\$1,800.00	rock for landings along 5854			
Unit 4	706	\$1,412	20	\$45.00	\$2,312.00	\$300		\$45.00	\$300.00	Rock for covering berm knockdown			
Unit 5	530	\$1,325		\$45.00	\$1,325.00	\$1,500	70	\$45.00	\$4,650.00	gated, welded shut			
Unit 6	1,341	\$3,017	20	\$45.00	\$3,917.25	\$450	10	\$45.00	\$900.00	rock for landings along 5854 and 20CY for culvert install			
Unit 7				\$45.00	\$0.00	\$300		\$45.00	\$300.00	all season not appraised			
Unit 8	212	\$424		\$45.00	\$424.00	\$450	30	\$45.00	\$1,800.00	rock for landings			
Unit 9	3,216	\$8,040	50	\$45.00	\$10,290.00	\$600		\$45.00	\$600.00	for repairs to Pvt and approach to county road			
	8,520	\$17,991	120		\$23,390.75	\$6,600	280		\$19,200				
1.61	miles			Costs per CCF:	\$3.13			Costs per CCF:	\$2.57				

Sale Name: Drew Thin

Spot Rock Replacement Cost Worksheet

Road No.	Miles	cuyd of rock/mi	Total cuyd rock/road	\$/cuyd	Total
5854	3.78	100	380	\$45.00	\$17,100.00
5854753	0.30	100	30	\$45.00	\$1,350.00
5854754	0.42	100	50	\$45.00	\$2,250.00
Waterbars***	waterbars	3 cy/waterbar	105	\$45.00	\$4,725.00
	35				
Totals	4.50		565		\$25,425.00

*** Waterbar rock for filling in or over bladed out waterbars, grading Q



Detailed listing of Brush Disposal Activities (Working Copy)

(1) Proclaimed Forest Siuslaw		(2) District/Unit Central Coast Ranger District								
(3) Sale Name DREW THIN STWD(14804)		(4) Award Date								
(5) Compartment Or GIS Reference		(6) Type of Plan <input checked="" type="checkbox"/> Original <input type="checkbox"/> Final <input type="checkbox"/> Revision #								
(7) Purchaser		(8) Contract								
(9) List of Activity Fuels Treatment Projects		Local Qualifier	(10) Work Activity	(11) Unit of Work	(12) Cost Per Unit	(13) Projects by Fund Code			(14) BD Funded Projects	
a) Subunit	b) Activity					a) Fund Code	b) No. of Units	c) Total Cost	a) No. of Units	b) Total Cost
061208BD14804000000	1100 Fuel Inventory	N/A	HF	Acres	\$7.14	BDBD	184.0	\$1,314	184.0	\$1,314
061208BD14804000000	1130 Burning of Piled Material	N/A	HF	Acres	\$15.56	BDBD	184.0	\$2,863	184.0	\$2,863
Subtotal for Fund Code BDBD								\$4,177		
061208BD14804000000	1150 Rearrangement of Fuels	N/A	HF	Acres	\$559.00	PPPP	1.2	\$671		
061208BD14804000000	1153 Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$3.42	PPPP	184.0	\$629		
Subtotal for Fund Code PPPP								\$1,300		
15. Total BD work funded										\$4,177
16. National Program Support										\$1,724
17. Total Cost of Funded Work (Sum of line 15 and 16)(Required Bid Deposit Amount)										\$5,901
18. Remarks: Forest Collection Rate: Assessment included in unit cost National Collection Rate for Program Support: 41.3% Inflation Rate: 2% Rate Remarks: Regional Direction FY13 PPPP does not include the Forest Collection Rate or National Collection Rate for Program Support.										

Drew Thin BD Appraisal Narrative
 NEPA: Siuslaw (29832)
 Sale #: 14804
 Preparer: Chris Waverek

FACTS Activity Code	FACTS Description	Actual Activity (as performed on the ground)	Planned Units in FACTS (acres)	Planned Unit on the ground
1100 (Agency)	Fuel Inventory	Fuels assessment, monitoring, writing burn plans.	184	342 acres
1130 (Agency)	Burning of Piled Material	Burning of machine piles on landings. Pile totals are calculated by assuming one pile per landing on open roads.	184	Burn 50 piles
1153 (Purchaser)	Piling of Fuels, Hand or Machine	Covering the piles with a 10X10 piece of plastic.	184	Cover 18 piles
1150 (Purchaser)	Rearrangement of Fuels	Roadside treatments which include: burning of piles, chipping, mastication or scattering.	1.2	1.2 acres

Required Activities Per Unit-

Unit 1:

Piles-

- Pile, cover and burn 4 landings on FSR 5854 as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- N/A

Wildland Urban Interface-

- N/A

Unit 2:

Piles-

- Pile, cover and burn 2 landings on temp roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- N/A

Wildland Urban Interface-

- N/A

Unit 3:

Piles-

- Pile, cover and burn 1 landings on FSR 5854 and on temp roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- N/A

Wildland Urban Interface-

- N/A

Unit 4:

Piles-

- Pile, cover and burn 1 landings on temp roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- N/A

Wildland Urban Interface-

- N/A

Unit 5:

Piles-

- Pile, cover and burn 5 landings on FSR 5313 and on temp roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- N/A

Wildland Urban Interface-

- N/A

Unit 6:

Piles-

- Pile, cover and burn 1 landings on FSR 5854 and on temp roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- N/A

Wildland Urban Interface-

- N/A

Unit 7:

Piles-

- Pile, cover and burn 1 landings on FSR 5854754 and on temp roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- N/A

Wildland Urban Interface-

- N/A

Unit 8:

Piles-

- Pile, cover and burn 6 landings on FSR 5313413 and on temp roads as identified on logging systems map.
- Pile, cover and burn 4 landings on FSR 5313 and on temp roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- N/A

Wildland Urban Interface-

- N/A

Unit 9:

Piles-

- Pile, cover and burn 2 landings on temp roads as identified on logging systems map.
- Pile, cover and burn 4 landings on FSR 5313 and on temp roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- Treat logging slash 25 feet from the edge of Lane County Road 5084 into the unit, for a total of 1.2 acres. Treatment methods may include: Directional felling of trees away from roads, piling and burning hand and machine piles, or mechanical treatment—chipping, mastication, and scattering. High cut banks (with no slash) can be considered adequate fuel breaks.

Wildland Urban Interface-

- N/A

*All accomplishment reporting in FACTS is in acres. The dollar amount for treating the unit is calculated by determining the per pile dollar amount and multiplying that amount by number of piles. The total dollar amount is then divided by total acreage to get a dollar per acre figure.

For Example: It is estimated in Drew Thin that there will be 18 landing piles to burn. The cost per pile for this sale is \$150 which is multiplied by 18 piles= \$2,700 total to burn the estimated number of piles. Dollar per acre is calculated by: $\$2,700 \text{ total pile burning cost} / 184 \text{ total acres} = \$14.67/\text{acre}$

EROSION CONTROL PLAN AND APPRAISAL

Forest: **Siuslaw**

District: **Central Coast**

Sale Name: **Drew Thin STWD**

CCF Volume: **7,485**

miles of temp.road: **1.61**

Work will be done by purchaser.

WORK ITEM	Unit of Measure	Number of Units	Cost per Unit (\$)	Total (\$)
(1) PERMANENT ROAD STABILIZATION				
a. Seed				
(2) TEMP. ROADS (put to bed)				
a. Remove culverts/bridges				
b. Outsloping				
c. Cross ditching	each	85	\$10.00	\$850.00
d. Scarifying				
e. Barriers	each	8	\$150.00	\$1,200.00
f. Seed	acres	1.6	\$425.60	\$680.96
(3) SKIDROADS & TRAILS				
a. Remove culverts/bridges				
b. Waterbars & cross drains	each	1	\$10.00	\$10.00
c. Brush dams				
d. Seed	acres	0.4	\$425.60	\$170.24
(4) FIRELINE STABILIZATION				
a. waterbars & cross drains	each	0		
b. Seed	acres	0		
(5) LANDING				
a. Drainage ditches	each	88	\$10.00	\$880.00
b. Scarifying				
c. Cut & fill stabilization				
d. Seed	acres	0.9	\$425.60	\$383.04
(6) DISTURBED MEADOWS				
a. Land treatment				
b. Seed				
(7) CHANNEL CLEARING				
a. By hand				
b. By machine				
(8) MAINTAIN EROSION STRUCTURES				
(9) OTHER (specify)				
a.				
b.				
c.				
(10) TOTAL COSTS				\$4,174.25
(11) Cost per CCF for Appraisal				\$0.56