

USDA - FOREST SERVICE  
Stewardship: Y

REPORT OF TIMBER SALE  
APPRAISAL SUMMARY CCF

R6-FS-2400-17 (04/10)  
Version 1421 (TEA 06-14)

Region: 06  
Forest: 06 Mt Hood  
District: 06 Hood River  
Salvage: N

Sale Name: Lokai Stewardship  
Sale Number: 61301  
Appraise to: Odell  
Appraiser: Ekidwell

Appraisal Date: 07/18/14  
Base Period Ending: 03/31/14  
Competition Factor: 40%  
Essential KV Cost: 0

SELLING PRICES	1	2	3	4	5	6	7	Average	Total
1. Species	D-fir	W Hem	P Pine	GBCvNS					
2. Species Code	205	263	122	2					
3. Product/Unit	01-03	01-03	01-03	20-03					
4. Volume	2,696	5,039	311	563					8,609
5. Base Period Price	110.68	30.11	62.89*	72.27*				59.28	
6. Base Period Index	234.55	200.53	282.07	78.00				206.12	
7. Current Index	221.64	199.72	276.79	78.00				201.41	
8. Rapid Market Adj	10.40		2.60					3.35	
9. Market Adj BP Price	108.17	29.30	60.21	72.27				57.93	
10. Unusual Adjustment	-20.00	-20.00	-20.00					-18.69	
11. GBCv-Nonsaw Adj				-170.16				-11.13	
12. Product Quality Adj			6.05					.22	
13. Adj Base Period Price	88.17	9.30	46.26	-97.89				28.32	243,843.81

COSTS	Zone Avg Cost/UM	Est Sale Cost/UM	Adj to BP Cost	ROADS	Km	Miles	Cost
14. Stump to Truck	116.53	93.19	23.34	Specified Road Con			
15. Haul/Scale	30.71	19.05	11.66	Specified Road Rec	1.13	.70	6,329
16. Road Maintenance	10.87	9.42	1.45	Temporary Road Con	1.34	.83	7,942
17. Contract	6.28	3.64	2.64	Haul Miles		20	
18. Development & Other	5.77	.92	4.85				
19. Road Const & Recon		.74	-.74				
20. Total (lines 14-19)	170.16	126.96	43.20	DEPOSITS:	Br Disp/UM 3.47	Rd Mtc/UM 2.21	C(T)5.213# 500.00

ADVERTISED RATES	1	2	3	4	5	6	7	Average	Total	
21. Predicted Bid Rate	131.37	52.50	89.46	-54.69				71.52	615,752.61	
22. Competition Adjustment	52.55	21.00	35.78	-21.88				28.61	246,302.94	8.44/Ton
23. Property Value										
24. Indicated Adv Rate	78.82	31.50	53.68	-32.81				42.91	369,449.67	
25. Base Rate	1.00	1.00	1.00	.25				.95	8,186.75	0.28/Ton
26. Adjustment	-2.31	-2.31	-2.31	33.06				.01	26.52	
27. Advertised Rate	76.51	29.19	51.37	.25				42.92	369,476.19	12.66/Ton

CCF to MBF Rate Factors: 1.9956 1.8936 2.1014 1.7217 1.9187  
 CCF to MBF Volume Factors: .5011 .5281 .4759 .5808 .5212  
 MBF to CCF Index Factors: .52 .52 .52 .52  
 CCF Base Index for A(T)5a:  
 CCF Wtd Avg Del Log Price: 180.40 171.63 156.05  
 MBF Volume: 1,351 2,661 148 327 4,487  
 Total Tons Removed: 8,540 17,649 1,177 1,820 29,186  
 Net CCF to Tons Conversion Factor for K-I.3.1# 3.3902 DEPOSITS/Ton BD: 1.02 RM: 0.65 EC: 0.02

**PRODUCT QUALITY ADJUSTMENT - OREGON EASTSIDE**  
Use with Appraisal Update #6-14

Sale Name: Lokai Stewardship

Date: 07-Jul-14 (mm/dd/yy)

Species Group #1	Minimum Dia - dib		Log price \$/mbf avg**	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
122	5.0" - 7.99"		250.00	35.00	80.00	109.38	-40.63
	8.0" - 11.99"		340.00	45.00	102.00	150.00	0.00
	12.0" - 19.99"		360.00	68.00	129.00	189.77	39.77
	20.0" - 24.0"		430.00				

\$/ton Avg	Avg lb per cf	Volume CCF
22.00	65.7	563.00

BPP for chips = 72.27 /ccf  
(insert as override on TEA input screen)

**Weighted average Product Quality Adjustment (PQA) for species group #1 = 6.05 /ccf** under BPP/CCF for products 08 and 20  
**Weighted average delivered log price for Species Group #1 = 156.05 /ccf** (enter on TEA input screen as Log Pr/CCF)

Species Group #2	Minimum Dia - dib		Log price \$/mbf avg**	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
D-fir/Larch	8-11"		camprun				
	#3 sawmill		360.00	1,351.00	2,696.00	180.40	0.00
	#2 sawmill		0.00				

**Weighted average Product Quality Adjustment (PQA) for species group #2 = 0.00 /ccf**  
**Weighted average delivered log price for Species Group #2 = 180.40 /ccf** (enter on TEA input screen as Log Pr/CCF)

Species Group #3	Minimum Dia - dib		Log price \$/mbf avg**	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
Hem-Fir	8-11"		camprun				
	#3 sawmill		325.00	2,661.00	5,039.00	171.63	0.00
	#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 = 171.63 /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)

\*\* Oregon Log Market Report, June 15, 2014, delivered log prices.



# VOLUME SUMMARY SHEET

Version 4.1-100

Sale name: **LOKAI STEWARDSHIP**  
 Forest/district: **Mt Hood/ Hood River**

Cruise basis: **CCF**  
 Volume type: **16-ft logs**

**The net volumes**

Date: **06/11/14**

Cutting Unit #	Paymt Unit #	Cutting Type Design	Yarding System	Unit Acres	Species or Species Groups								Total Saw Volume	Total Nonsaw Volume	Total Unit Volume	Volume Per Acre
					grand fir		ponderosa pine		E. Doug-fir		W. hemlock					
					saw	n-saw	saw	n-saw	saw	n-saw	saw	n-saw				
10	10	DxP	GB	106	1,363	78	111	11	843	63	82	8	2,399	160	2,559	24.1
16	16	DxP	GB	9	116	7	9	1	72	5	7	1	204	14	218	24.2
18	18	DxP	GB	55	707	40	58	5	438	33	42	4	1,245	82	1,327	24.1
20	20	DxP	GB	23	296	17	24	2	183	14	18	2	521	35	556	24.2
24	24	DxP	GB	39	501	28	41	4	310	23	30	3	882	58	940	24.1
58	58	DxP	GB	29	373	21	30	3	231	17	22	2	656	43	699	24.1
60	60	DxP	GB	25	321	18	26	2	199	15	19	2	565	37	602	24.1
25	25	DxP	GB	146	918	99	12	8	420	16	224	11	1,574	134	1,708	11.7
<b>Sale Totals</b>				432	4,595	308	311	36	2,696	186	444	33	8,046	563	8,609	19.9
<b>Tons</b>																
10	10			106	4814	261	419	36	2687	190	263	24	8183	511	8694	82.019
16	16			9	409	22	36	3	228	16	22	2	695	43	738	82
18	18			55	2498	135	218	19	1394	99	137	13	4247	266	4513	82.055
20	20			23	1045	57	91	8	583	41	57	5	1776	111	1887	82.043
24	24			39	1771	96	154	13	989	70	97	9	3011	188	3199	82.026
58	58			29	1317	71	115	10	735	52	72	7	2239	140	2379	82.034
60	60			25	1135	62	99	8	634	45	62	6	1930	121	2051	82.04
25	25			146	3212	333	45	26	1290	47	738	34	5285	440	5725	39.212
<b>Sale Totals</b>				432	16,201	1,037	1,177	123	8,540	560	1,448	100	27,366	1,820	29,186	67.56

# Trucking Appraisal - APPRAISAL SUMMARY

HaulCost ver 14.0

Sale name: Lokai Stewardship

Geo. area: OR

Date: 16-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>									
<b>with scale</b>	155.0	8.0	582.0	102.0	30.04	510.76	537.64	17.90	18.61

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

years inflation = 1.0

Include scale cost in final haul cost

**Yes**

Total haul cost, \$/ccf = **\$18.61**

70 minutes

Volume Type...

CCF

Sale or Haul Narrative

Haul to Odell, OR  
EK

Scale total cost: **\$128.57**

# Logging Cost Summary - Estimated Stump To Truck Cost Results

## Summary By Logging System and Sale

Logging System	Vol Type	Total Volume	Stump-truck \$/vol	Estimated Seasons
<b>Skyline</b>				
<b>Mechanized</b>	<b>ccf-saw</b>	8,609	93.19	3
<i>Mech biomass</i>				
<b>Tractor</b>				
<b>Shovel</b>				
<b>Helicopter</b>				
<b>Sale-as-a-whole</b>		8,609	93.19	← <i>sawtimber basis</i>

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

<b>Bio stump-truck \$</b>		<b>Estimated total number <i>operating</i> days for sale</b>	214
<b>Include bio stump-truck in mech sys?</b>	<input type="checkbox"/>	<b>Variable shutdown cost (all systems, if any) \$/vol</b>	
		<b>Include variable shutdown in system costs?</b>	<input type="checkbox"/>
<b>Biomass haul cost</b>	<input type="text"/>		

EK 6/16/14

**Include Chipper?**

**Hours Used**

**Haul-\$'s**

Select helicopter alternative

Sale: Lokai Stewardship  
Date: 6/16/14

LogCost ver **14.0**  
1/14/2014

Report summary  
table above in tons?



## Other Road Maintenance Items and Summary

Version 8.0

Sale name: Lokai Thin Stewardship



### Pre-Haul Maintenance

(Open roads, blading, brushing, small slide removal, etc.)

Type	Mtce By	Total Cost
T-811 - 17,1711,620,621,624,640,650 (8.97mi @ \$1,110/mi)	Purchaser	\$9,956.70
T-831 - 17,1711 (9.07mi @ \$275/mi)	Purchaser	\$2,494.25
T-832 - 17,1711 (150cy @ \$12/cy)	Purchaser	\$1,800.00
T-834 - 17,1711 (9.07mi @ \$160/mi)	Purchaser	\$1,451.20
T-836 (Brushing Separate) - 17 (4.01mi @ \$270/mi)	Purchaser	\$1,082.70
T-838 - 1711620,621,624,640,650 (3.91mi @ \$1,550/mi)	Purchaser	\$6,060.50
T-838 (Brushing Separate) - 17,1711 (5.06mi @ \$650/mi)	Purchaser	\$3,289.00
T-842 - 17,1711 (9.07mi @ \$1200/mi)	Purchaser	\$10,884.00

### Post-Haul Maintenance

(Road closures, seeding, barriers, etc.)

Type	Mtce By	Total Cost
T-811 - 17,1711,620,621,624,640,650 (8.97mi @ \$1,110/mi)	Purchaser	\$9,956.70
T-834 - 17,1711,620,621,624,640,650 (12.98mi @ \$160/mi)	Purchaser	\$2,076.80
T-835 - 1711650 (1.40mi @ \$600/mi)	Purchaser	\$840.00
T-836 - 17 (4.01mi @ \$160/mi)	Purchaser	\$641.60
T-838 - 17,1711,620,621,624,640,650 (8.97mi @ \$450/mi)	Purchaser	\$4,036.50

### Miscellaneous Road Maintenance Items

(Damage to roads from logging or landings, dust abatement, etc.)

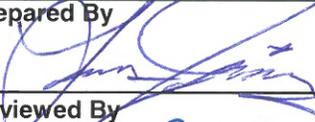
Type	Mtce By	Total Cost
Hazard Trees (T-854) - All Roads (Lump Sum)	Purchaser	\$2,355.00
Mobilization - 9% of Purch Performed Maint	Purchaser	\$5,123.25

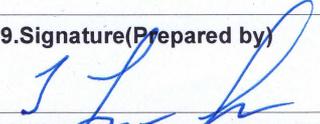
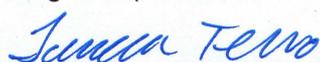
### Data and Cost Summary

(Traveling RTM's, haul maintenance, and fixed costs included from Road Report)

Data & Cost Summary Item	Value	
Appraisal point (mill or sort yard)	Odell	
District or Forest	Hood River RD	
Sale termination date	3/31/2017	
Analyst name	L. Jimenez	
Total hauled timber volume - CCF	8,609	
Maintenance Summary (all items)	Total \$'s	\$/CCF
Required rd maint deposits, FS (CT5.32)	\$19,061.19	\$2.21
Purchaser maintenance	\$62,048.20	\$7.21
Other maintenance (CT5.32)	\$0.00	\$0.00
Subtotal FS & other (CT5.32)	\$19,061.19	\$2.21
Total for appraisal - Road Maintenance (all)	\$81,109.38	\$9.42

#### Approval

Prepared By 	6/18/2014 Project Engineer
Reviewed By For Paul Podesta	Road Systems Manager
Reviewed By 	Zone Engineer

<b>BRUSH DISPOSAL TREATMENT PLAN</b> (Ref. FSH 2409.19)	1. Forest Mt. Hood		2. District/Unit Hood River			
	3. Sale Name LOKAI(61301)		4. Award Date			
5. Compartments or GIS Reference	6. Type of Plan <input checked="" type="checkbox"/> Original <input type="checkbox"/> Final  <input type="checkbox"/> Revision #	7. Purchaser		8. Contract Number		
9. List of Projects		10. Work Activity	11. Unit of Work	12. Cost Per Unit	13. No. of Units	14. Cost
Fuel Inventory		HF	Acres	\$8.47	432.0	\$3,658
Burning of Piled Material		HF	Acres	\$42.41	412.0	\$17,472
<b>15. Total Project Cost</b>					<b>\$21,130</b>	
<b>16. National Program Support</b>					<b>\$8,726</b>	
<b>17. Total Cost of Funded Work (Sum of line 15 and 16) (Required Bid Deposit Amount)</b>					<b>\$29,856</b>	
<b>18. Remarks:</b> Forest Collection Rate : 8.13% National Collection Rate for Program Support: 41.3% Inflation Rate: 2% Rate Remarks: Mt. Hood Trust Fund Collection Rate Spreadsheet - revised 10/25/10 PPPP does not include the Forest Collection Rate or National Collection Rate for Program Support.						
<b>19. Signature (Prepared by)</b>		<b>Title</b>		<b>Date</b>		
		AFMO		6-12-14		
<b>20. Signature (Recommended by)</b>		<b>Title</b>		<b>Date</b>		
		District Ranger		6/12/14		
<b>21. Signature (Approved by)</b>		<b>Title</b>		<b>Date</b>		



File Code: 5150 – Fuels Management  
2400 – Timber Management

Date: June 23, 2014

Subject: Narrative for Lokai Stewardship Timber Sale

To: Lisa Northrop

The Lokai Stewardship Timber Sale is located on the Hood River Ranger District T. 1 S, R10 E Sections 1, 11, and 12 in Hood River County. There are also units located in T 1 S, R 11 E, Sections, 5, and 6 in Wasco County. Commercial thinning will be implemented to achieve the desired outcome of reducing fuel loadings to an end result of 8 to 10 tons per acre. Eight units will be thinned with ground based means. The timber type is a Ponderosa Pine mix, fire regime III. Created fuels from thinning activities will be piled within the unit and then burned in place during favorable weather conditions (fuel moisture and wind) that inhibit fire spread outside the pile, and reduce impacts of smoke on various view sheds, designated areas, etc. The entire sale does not need to be released for individual units to be treated. Once units are released a qualitative monitoring assessment will be completed to assess if down woody material left on the units meets the desired outcome of mitigating hazardous fuels. Specific unit information is located in the unit summary below.

**Summary of Hazard Fuel Treatment Units**

BDBD Unit #:	10	Acres:	106	Associated BDBD Unit #:	Silv/RX	FACTS Fuel Treatment Code(s):	1130 1100
Post harvest fuel loadings are estimated to be 8 to 10 tons per acre. Burning of landing piles and machine piles will be the preferred fuel treatment to be completed on this unit. An acceptable level of post harvest fuel loading would be less than 8 to 10 tons per acre in the less than 3” size classes. Following harvest, a Pre Treatment Exam of Fuels (1100) will be completed by force account crews that will assess (monitor) and document the effects of treated fuels. Fuels piled will be treated with fire (1130), by force account crews. The purchaser is responsible for piling in landings.							
BDBD Unit #:	16	Acres:	9	Associated BDBD Unit #:	Silv/RX	FACTS Fuel Treatment Code(s):	1130 1100
Same as unit 10							
BDBD Unit #:	18	Acres:	55	Associated BDBD Unit #:	Silv/RX	FACTS Fuel Treatment Code(s):	1130 1100
Same as unit 10							
BDBD Unit #:	20	Acres:	23	Associated BDBD Unit #:	Silv/RX	FACTS Fuel Treatment Code(s):	1130 1100
Same as unit 10							
BDBD Unit #:	24	Acres:	39	Associated BDBD Unit #:	Silv/RX	FACTS Fuel Treatment Code(s):	1130 1100
Same as unit 10							



BDBD Unit #:	25	Acres:	146	Associated BDBD Unit #:	Silv/RX	FACTS Fuel Treatment Code(s):	1130 1100
Same as unit 10							
BDBD Unit #:	58	Acres:	29	Associated BDBD Unit #:	Silv/RX	FACTS Fuel Treatment Code(s):	1130 1100
Same as unit 10							
BDBD Unit #:	60	Acres:	25	Associated BDBD Unit #:	Silv/RX	FACTS Fuel Treatment Code(s):	1130 1100
Same as unit 10							

**FACTS Fuel Treatment Codes:**

- 1130 – Burning of Piled Material
- 1100 – Post Treatment Exam Fuels Mgt

Direct Costs – Treatment costs were developed using cost calculation spreadsheets. These spreadsheets are filed in the BD project file. Projects included in the Brush Disposal Treatment Plan include:

- 1130: \$37.70 per acre
- 1100: \$7.68 per acre
- Forest Collection Rate: 8.13%
- National Collection Rate for Program Support: 41.3%
- Inflation Rate: 2%

*/s/ Leo Segovia*

LEO SEGOVIA

Assistant District Fire Management Officer Fuels

East Side Fire Zone

Hood River Ranger District

cc:

Zone Timber/Vegetation Manager

Kim Valentine, Zone FMO

Justin Sharp, Fire Planner

### TEMPORARY ROAD COST WORKSHEET

Sale Name : **LOKAI THIN STEWARDSHIP**

Total miles 0.83 Kilometers: 1.33  
 Sale vol. (CCF) **8609** Total cost all roads \$ **7,941.60** Cost per CCF \$ **0.92**

<b>Road #3</b>	ROAD ACCESSSES UNIT(S): <b>#58; Off Rd. 1711</b>	
LENGTH OF TEMPORARY ROAD CONSTRUCTION: <b>1440</b> (Feet)		
EXCAVATION	\$ <b>4,000.00</b> Per Mile x <b>0.27</b> Miles =	\$ <b>1,080.00</b>
CLEARING	\$ <b>4,000.00</b> Per Mile x <b>0.27</b> Miles =	\$ <b>1,080.00</b>
SPOT ROCK	\$ <b>40.00</b> Per Yard x <b>0</b> Yards =	\$ <b>-</b>
HAUL	Per CuYd x Haul Miles x \$ per Mile =	\$ <b>-</b>
PLACE AND PROCESS	Per Mile x Miles =	\$ <b>-</b>
PILING	Per Mile x Miles =	\$ <b>-</b>
OTHER	Mobilization	\$ <b>200.00</b>
SUBTOTAL	\$ <b>2,360.00</b>	
OH & DEP	<b>0.30</b> (Factor) x \$ <b>2,360.00</b> Subtotal =	\$ <b>708.00</b>
TEMP ROAD CLOSURES	<b>1</b> X \$ <b>300</b> each =	\$ <b>300.00</b>
OTHER	Install Drainage Features (spaced @ +/-300')	\$ <b>1,500.00</b>
Temp road closure costs are covered in the Erosion Control Plan. Overhead and depreciation are included in the costs per mile. <b>TOTAL COST :</b> <u>\$ <b>4,868.00</b></u>		

### TEMPORARY ROAD COST WORKSHEET

Sale Name : **LOKAI THIN STEWARDSHIP**

Total miles 0.83 Kilometers: 1.33  
 Sale vol. (CCF) **8609** Total cost all roads \$ **7,941.60** Cost per CCF \$ **0.92**

<b>Road #4</b>	ROAD ACCESSSES UNIT(S): <b>#20; Off Rd. 1711620</b>	
LENGTH OF TEMPORARY ROAD CONSTRUCTION: <b>1470</b> (Feet)		
EXCAVATION	\$ <b>3,400.00</b> Per Mile x <b>0.28</b> Miles =	\$ <b>952.00</b>
CLEARING	\$ <b>1,500.00</b> Per Mile x <b>0.28</b> Miles =	\$ <b>420.00</b>
SPOT ROCK	\$ <b>40.00</b> Per Yard x <b>0</b> Yards =	\$ <b>-</b>
HAUL	Per CuYd x Haul Miles x \$ per Mile =	\$ <b>-</b>
PLACE AND PROCESS	Per Mile x Miles =	\$ <b>-</b>
PILING	Per Mile x Miles =	\$ <b>-</b>
OTHER	Mobilization	\$ <b>100.00</b>
SUBTOTAL	\$ <b>1,472.00</b>	
OH & DEP	<b>0.30</b> (Factor) x \$ <b>1,472.00</b> Subtotal =	\$ <b>441.60</b>
TEMP ROAD CLOSURES	<b>1</b> X \$ <b>300</b> each =	\$ <b>300.00</b>
OTHER		\$ <b>-</b>
Temp road closure costs are covered in the Erosion Control Plan. Overhead and depreciation are included in the costs per mile. <b>TOTAL COST :</b> <u>\$ <b>2,213.60</b></u>		

## TEMPORARY ROAD COST WORKSHEET

Sale Name : LOKAI THIN STEWARDSHIP

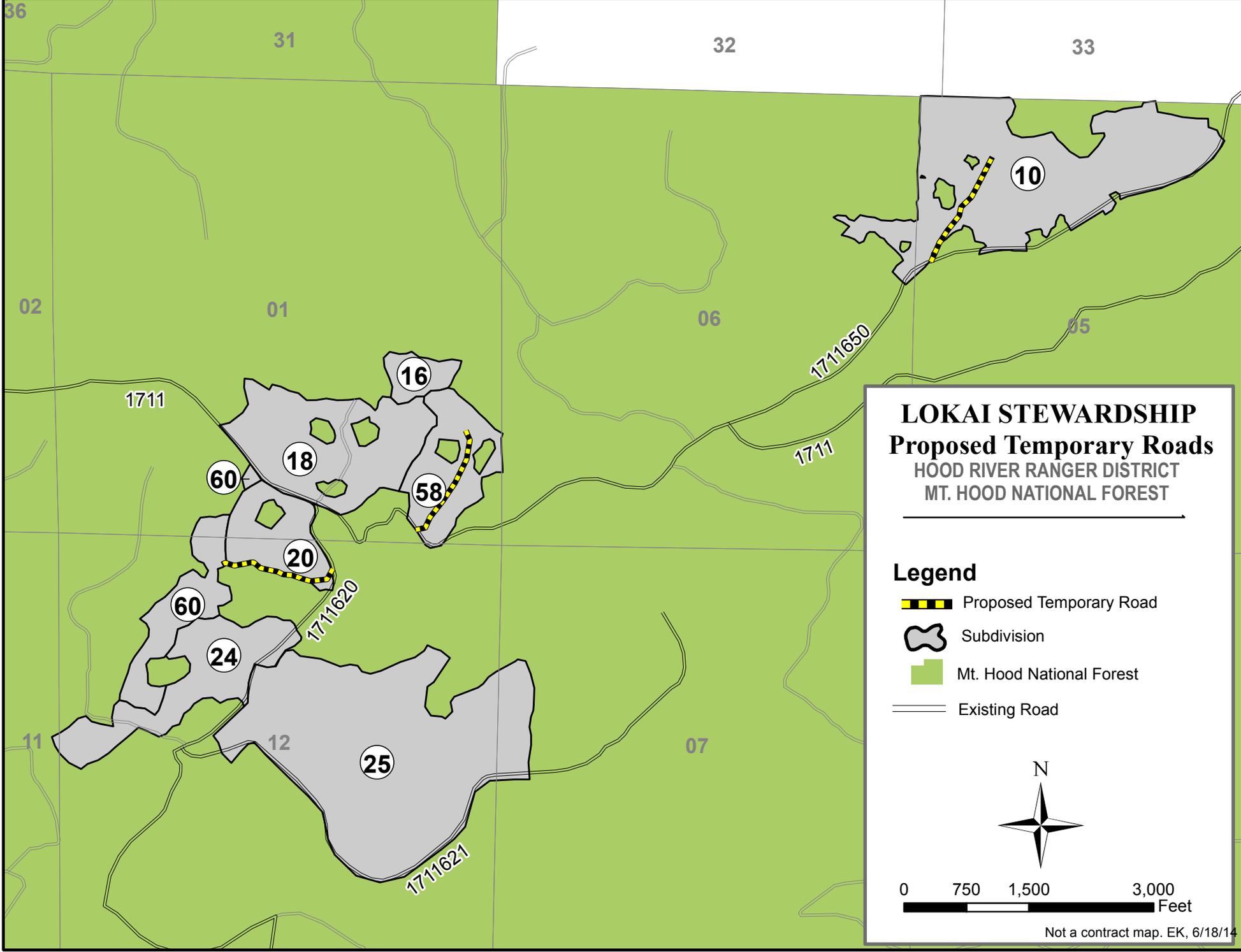
Sale vol. (CCF) 8609      Total miles 0.83 Kilometers: 1.33  
 Total cost all roads \$ 7,941.60      Cost per CCF \$ 0.92

<b>Road #2</b>	ROAD ACCESSES UNIT(S):	<b>#10; Off Rd. 1711650</b>
LENGTH OF TEMPORARY ROAD CONSTRUCTION: <span style="border: 1px solid black; padding: 2px;">1470</span> (Feet)		
EXCAVATION	\$ <span style="border: 1px solid black; padding: 2px;">-</span> Per Mile x <span style="border: 1px solid black; padding: 2px;">0.28</span> Miles =	\$ <span style="border: 1px solid black; padding: 2px;">-</span>
CLEARING	\$ <span style="border: 1px solid black; padding: 2px;">-</span> Per Mile x <span style="border: 1px solid black; padding: 2px;">0.28</span> Miles =	\$ <span style="border: 1px solid black; padding: 2px;">-</span>
SPOT ROCK	\$ <span style="border: 1px solid black; padding: 2px;">40.00</span> Per Yard x <span style="border: 1px solid black; padding: 2px;">0</span> Yards =	\$ <span style="border: 1px solid black; padding: 2px;">-</span>
HAUL	<span style="border: 1px solid black; padding: 2px;"></span> Per CuYd x <span style="border: 1px solid black; padding: 2px;"></span> Haul Miles x <span style="border: 1px solid black; padding: 2px;"></span> \$ per Mile =	\$ <span style="border: 1px solid black; padding: 2px;">-</span>
PLACE AND PROCESS	<span style="border: 1px solid black; padding: 2px;"></span> Per Mile x <span style="border: 1px solid black; padding: 2px;"></span> Miles =	\$ <span style="border: 1px solid black; padding: 2px;">-</span>
PILING	<span style="border: 1px solid black; padding: 2px;"></span> Per Mile x <span style="border: 1px solid black; padding: 2px;"></span> Miles =	\$ <span style="border: 1px solid black; padding: 2px;">-</span>
OTHER	Mobilization <span style="border: 1px solid black; padding: 2px;"></span>	\$ <span style="border: 1px solid black; padding: 2px;">-</span>
SUBTOTAL	\$ <span style="border: 1px solid black; padding: 2px;">-</span>	
OH & DEP	<span style="border: 1px solid black; padding: 2px;">0.30</span> (Factor) x \$ <span style="border: 1px solid black; padding: 2px;">-</span> Subtotal =	\$ <span style="border: 1px solid black; padding: 2px;">-</span>
TEMP ROAD CLOSURES	<span style="border: 1px solid black; padding: 2px;">1</span> X \$ <span style="border: 1px solid black; padding: 2px;">300</span> each =	\$ <span style="border: 1px solid black; padding: 2px;">300.00</span>
OTHER	Decompact and Stormproof upon completion. <span style="border: 1px solid black; padding: 2px;"></span>	\$ <span style="border: 1px solid black; padding: 2px;">560.00</span>
Temp road closure costs are covered in the Erosion Control Plan. Overhead and depreciation are included in the costs per mile.		<b>TOTAL COST :</b> <span style="border: 1px solid black; padding: 2px;">\$ 860.00</span>

R. 11 E.

T. 1 N.

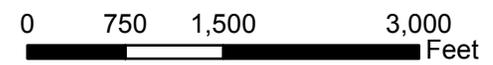
T. 1 S.



**LOKAI STEWARDSHIP**  
**Proposed Temporary Roads**  
 HOOD RIVER RANGER DISTRICT  
 MT. HOOD NATIONAL FOREST

**Legend**

-  Proposed Temporary Road
-  Subdivision
-  Mt. Hood National Forest
-  Existing Road



Not a contract map. EK, 6/18/14