

# Other Road Maintenance Items and Summary

Version 8.0

Sale name: Voodoo Stewardship



## Pre-Haul Maintenance

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

Type	Mtce By <i>select</i>	Total Cost
Brushing - All Roads (17.60mi @ \$1200/mi)	Purchaser	<b>\$21,120.00</b>
Blading - All Agg. & Native Surface Roads (5.54mi @ \$1500/mi)	Purchaser	<b>\$8,310.00</b>
Ditch Clean & End Haul - 1720190, 196, 197 (380cy @ \$30/cy)	Purchaser	<b>\$11,400.00</b>
Spot Rock - Ellis Road (100cy @ \$40/cy)	Purchaser	<b>\$4,000.00</b>

Purchaser Road Maintenance for All Roads (During Haul) \$17,696.82

## Miscellaneous Road Maintenance Items

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

Type	Mtce By <i>select</i>	Total Cost
Danger Trees - All Roads (60 @ \$35ea)	Purchaser	<b>\$2,100.00</b>

### Approval

Prepared By <i>/s/ Lucas Jimenez</i>	4/23/2013 <i>Project Engineer</i>
Reviewed By	<i>Engineering Representative</i>
Reviewed By	<i>Road Systems Manager</i>

## Post-Haul Maintenance

*(Road closures, seeding, barriers, etc.)*

Type	Mtce By <i>select</i>	Total Cost

## 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	Barlow RD	
Sale termination date	6/30/2016	
Analyst name	Lucas Jimenez	
Total hauled timber volume - CCF	7,286	
Distance: appraisal point - sale area (miles)	36.93	
Traveling (haul) round trip minutes - RTM's	119.84	
Standing RTM's (load, unload, scale, delay)	10.00	
Total RTM's (traveling + standing)	129.84	
Maintenance Summary (all items)	Total \$'s	Per UOM
Required rd maint deposits, FS (CT5.32)	\$34,098.48	\$4.68
Purchaser maintenance	\$64,626.82	\$8.87
Other maintenance (CT5.32)	\$0.00	\$0.00
Subtotal FS & other (CT5.32)	\$34,098.48	\$4.68
Total for appraisal - Road Maintenance (all)	\$98,725.30	\$13.55

**TIMBER SALE  
FUEL TREATMENT APPRAISAL**

DATE: 30-Apr-13

FOREST: MT. HOOD DIST. Barlow

SALE: Voodoo Stewardship

ACRES: 199 VOLUME: 7286 CCF

TERM DATE: 4/15/2016

FUEL TREATMENT WORK ITEMS	WORK ITEM CODE	KV SUP "x"	UNIT OF MEASURE	TOTAL UNITS IN SALE	FS or OPR	COST per UNIT	TOTAL COST	
							FS	OPR
INVENTORY	FUEL SURVEY/MONITOR	FIFS	ACRES	199	FS	\$8.64	\$1,719	
						\$0.00		
FIRELINES	HAND CONSTRUCTION	FLHD	MILES		OPR	\$0.00		\$0
	MACHINE CONSTRUCTION	FLMC	MILES		OPR	\$0.00		\$0
PREP	HAND PILING	FPHP	ACRES		FS	\$0.00	\$0	
	GRAPPLE/DOZER PILE	FPMP	ACRES		FS	\$0.00	\$0	
	YARD (Tops Attached)	FPYU	ACRES		OPR	\$0.00		\$0
	COVER PILES	FPCP	ACRES	199	OPR	\$11.82		\$2,352
TREATMENT	BROADCAST BURN	FDBC	ACRES		FS	\$0.00	\$0	
	SLASH BUSTER	FDMM	ACRES		FS	\$0.00	\$0	
	BURN CONCENTRATIONS	FDCC	ACRES		FS	\$0.00	\$0	
	BURN HAND PILES	FDHP	ACRES		FS	\$0.00	\$0	
	BURN MACHINE PILES	FDMP	ACRES		FS	\$0.00	\$0	
	ROAD SLASH PULL BACK	FDLP	ACRES		OPR	\$0.00		\$0
	BURN LANDINGS	FDBU	ACRES	199	FS	\$42.41	\$8,439	
	SLASH BACKHAUL	FDRM	CCF		OPR	\$0.00		\$0
	UNDERBURN	FDUN	ACRES		FS	\$0.00	\$0	
	SLASH PULL BACK	FDPB	ACRES		FS	\$0.00	\$0	
<b>SUB-TOTAL</b>							<b>\$10,159</b>	<b>\$2,352</b>
<b>SUMMARY OF OTHER APPRAISAL ITEMS</b>								
<b>SPECIAL ITEMS</b> see FSH 2409.18 Ch 45.34C								
EROSION CONTROL & POST-SALE RD. CLOSURE: (LUMP SUM)						(LS)		
BUILDING MAINTENCE (Rate x1+composit OH) x Volume						NA		
FIRE PROTECTION INVENTORY (Rate x 1 + composit OH) x Volume							\$0.00	
FOREST EQUIPMENT AND REPLACEMENT (Rate x 1+composit OH) x Volume						NA		
NATIONAL PROGRAM SUPPORT COST (from FACTS)							\$3,738.00	
<b>SUBTOTAL - DIRECT COSTS*</b>							<b>\$13,897</b>	<b>\$ 2,352.00</b>
*FIGURES ABOVE INCLUDE \$ <u>0</u> FOR DISPOSAL OF <u>0</u> TONS/ACRE OF DEBRIS EXISTING PRIOR TO SALE								
DISTRICT OH % = <u>NA</u> see FSH 1909.13								
<b>SUB-TOTAL</b>						<b>NA</b>		
NATIONAL PROGRAM SUPPORT % = <u>43.6%</u>							\$3,738.00	
PURCHASER OH % = <u>21.0%</u>								\$ 493.92
PURCHASER DEP % = <u>15.8%</u> x <u>\$2,352</u> (LINE ITEM)								\$ 371.62
INFLATION % = <u>2.4%</u>								
<b>TOTAL COSTS</b>						<b>\$13,897</b>	<b>\$ 3,217.54</b>	
<b>RATE PER CCF</b>						<b>\$ 1.91</b>	<b>\$ 0.44</b>	
KV SHARED COSTS FOR THIS SALE		YES	NO					
			X					
APPROVAL (INITIALS)	RD: _____	SO: _____	RO: _____					