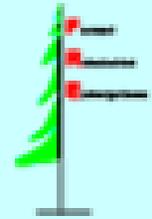


Other Road Maintenance Items and Summary

Version 2.0



Sale name
PIE THIN

Pre-Haul Maintenance

(Open road, blading, small slide removal, etc.)

Type	Mtce By	Total Cost
Blading: All Roads Except 4200 (8.66mi @ \$1400/mi)	2	\$12,124.00

Purchaser Road Maintenance for All Roads (During Haul) \$21,756.62

Post-Haul Maintenance

(Road closures, seeding, etc.)

Type	Mtce By	Total Cost
Brushing: All Roads Except 4200 (8.66mi @ \$1200/mi)	2	\$10,392.00

Miscellaneous Road Maintenance Items

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

Type	Mtce By	Total Cost
Snowplowing: All Roads (20.48mi @ \$200/mi)	2	\$4,096.00

Approval

Prepared By	<i>Road Management</i>
Reviewed By	<i>Project Engineer</i>
Reviewed By	<i>Systems Manager</i>

Mtce By: 1=FS, 2=Purchaser, 3=Other

Maintenance and Haul Summary

(Normal maintenance included, from Road Report)

Item	Value
Appraisal point	Odell
District or Forest	Clackamas RD
Termination date	03/31/15
Appraised by	B. Chamberlain
Net volume - CCF	12,062
Distance-appraisal point from sale area (mi)	62.13
Haul round trip minutes (RTM's)	212.88
Delay RTM's	10.00
Total RTM's	222.88

Maintenance Item	Total \$'s	Per CCF
Required rd maint deposits, FS (CT5.32)	\$110,126.06	\$9.13
Purchaser maintenance	\$48,368.62	\$4.01
Other maintenance (CT5.32)	\$0.00	\$0.00
Subtotal FS & other (CT5.32)	\$110,126.06	\$9.13
Total for appraisal - Road Maintenance	\$158,494.68	\$13.14

TIMBER SALE
FUEL TREATMENT APPRAISAL

DATE: 24-Jul-12

FOREST: MT. HOOD DIST: CLACKAMAS RIVER

SALE: Pie Thin Stewardship

ACRES: 554 VOLUME: 12062 CCF

TERM DATE: 8/31/2015

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	554	FS	\$5.09	\$2,818	
							\$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	554	OPR	\$2.63		\$1,457
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	FDP		ACRES		OPR	\$0.00		\$0
	BURN LANDINGS	FDBU		ACRES	554	FS	\$21.16	\$11,723	
	SLASH BACKHAUL	FDRM		CCF		OPR	\$0.00		\$0
	UNDERBURN	FDUN		ACRES		FS	\$0.00	\$0	
	SLASH PULL BACK	FDPB		ACRES		FS	\$0.00	\$0	
SUB-TOTAL								\$14,541	\$1,457

SUMMARY OF OTHER APPRAISAL ITEMS

<u>SPECIAL ITEMS</u> see FSH 2409.18 Ch 45.34C			
EROSION CONTROL & POST-SALE RD. CLOSURE:	(LUMP SUM)	(LS)	
BUILDING MAINTENANCE (Rate x1+composit OH) x Volume		NA	
FIRE PROTECTION INVENTORY (Rate x 1 + composit OH) x Volume		0.579528	\$6,990.27
FOREST EQUIPMENT AND REPLACEMENT (Rate x 1+composit OH) x Volume		NA	
NATIONAL PROGRAM SUPPORT COST (from FACTS)			\$9,387.00
SUBTOTAL - DIRECT COSTS*			\$30,918 \$ 1,457.00

*FIGURES ABOVE INCLUDE \$ 0 FOR DISPOSAL
OF 0 TONS/ACRE OF DEBRIS
EXISTING PRIOR TO SALE

DISTRICT OH % = <u>NA</u> see FSH 1909.13			
	SUB-TOTAL	NA	
NATIONAL PROGRAM SUPPORT % = <u>43.6%</u>		SUB-TOTAL	\$9,387.00
PURCHASER OH % = <u>21.0%</u>		SUB-TOTAL	\$ 305.97
PURCHASER DEP % = <u>15.8%</u> x <u>\$1,457</u> (LINE ITEM)		SUB-TOTAL	\$ 230.21
INFLATION % = <u>2.4%</u>			

KV SHARED COSTS FOR THIS SALE	YES	NO	TOTAL COSTS	\$30,918	\$ 1,993.18
		X	RATE PER CCF	\$ 2.56	\$ 0.17

APPROVAL (INITIALS) RD: _____ SO: _____ RO: _____

EROSION CONTROL DEPOSIT
Pie Thin Stewardship

A deposit of \$1,578.00 will be required from the contractor. This deposit will be used to re-grow Clackamas River Blue Wild Rye, a native grass, which is required in this contract for Erosion Control on disturbed sites.

Deposit per Ton of harvested timber = \$0.05