

Other Road Maintenance Items and Summary

Version 2.0

Sale name
CRANE TS

Pre-Haul Maintenance

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

Type	Mtce By	Total Cost
Blading: All Aggregate and Native Surfaced Roads: (18.2mi @ \$1400/mi)	2	\$25,480.00
Brushing: All Roads Except 48 (26.9mi @ \$1200/mi)	2	\$32,280.00
Grad A Agg: 4870,4880011 (100cy @ \$40/cy)	2	\$4,000.00
Grad D Agg: 4850,4860,4800240 (300cy @ \$40/cy)	2	\$12,000.00
Ditch Cleaning & Disposal: 4850,4860,4870,4880, 4885 (250cy @ \$20/cy)	2	\$5,000.00
Danger Trees: All roads (300 @ \$35ea)	2	\$10,500.00
		\$4,726.24

Purchaser Road Maintenance for All Roads (During Haul)

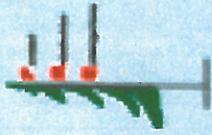
Miscellaneous Road Maintenance Items

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

Type	Mtce By	Total Cost
Pavement Protection at Temp Road Intersections: 4800 (12cy of 3" minus per intersection; 4ea)	2	\$2,000.00

Approval

Prepared By	<i>Robert J. Ballard</i>	05/04/12	Road Management
Reviewed By	<i>[Signature]</i>	05/02/2012	Project Engineer
Reviewed By	<i>[Signature]</i>	05/02/2012	Systems Manager



Post-Haul Maintenance

(Road closures, seeding, etc.)

Type	Mtce By	Total Cost
Stormproofing: 4850018,4850140,4860012, 4860120,4885121 (42 Waterbars @ \$300 ea)	2	\$12,600.00

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

Maintenance and Haul Summary

(Normal maintenance included, from Road Report)

Item	Value	Total \$'s	Per CCF
Appraisal point	Odell	\$87,620.37	\$7.23
District or Forest	Barlow RD	\$108,586.24	\$8.96
Termination date	03/31/15	\$0.00	\$0.00
Appraised by	R. Ballard	\$87,620.37	\$7.23
Net volume - CCF	12,119	\$196,206.61	\$16.19
Distance-appraisal point from sale area (mi)	75.53		
Haul round trip minutes (RTM's)	220.52		
Delay RTM's	10.00		
Total RTM's	230.52		
Maintenance Item			
Required rd maint deposits, FS (CT5.32)		\$87,620.37	\$7.23
Purchaser maintenance		\$108,586.24	\$8.96
Other maintenance (CT5.32)		\$0.00	\$0.00
Subtotal FS & other (CT5.32)		\$87,620.37	\$7.23
Total for appraisal - Road Maintenance		\$196,206.61	\$16.19

TIMBER SALE
FUEL TREATMENT APPRAISAL

DATE: 9-May-12

FOREST: MT. HOOD DIST: BARLOW

SALE: Crane Sale

ACRES: 673 VOLUME: 12119 CCF

TERM DATE: 2/28/2015

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	673	FS	\$7.68	\$5,167	
							\$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	673	OPR	\$7.28		\$4,899
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	FDFP		ACRES		OPR	\$0.00		\$0
	BURN LANDINGS	FDBU		ACRES	673	FS	\$19.06	\$12,830	
	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								\$17,997	\$4,899

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		0.487449	
FOREST EQUIPMENT AND REPLACEMENT (Rate x 1+composit OH) x Volume		NA	
NATIONAL PROGRAM SUPPORT COST (from FACTS)			\$7,847.00
SUBTOTAL - DIRECT COSTS*			\$25,844 \$ 4,899.00

*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	\$7,847.00
PURCHASER OH % = <u>21.0%</u>		SUB-TOTAL	\$ 1,028.79
PURCHASER DEP % = <u>15.8%</u> x <u>\$4,899</u> (LINE ITEM)		SUB-TOTAL	\$ 774.04
INFLATION % = <u>2.4%</u>			

KV SHARED COSTS FOR THIS SALE	YES	NO	TOTAL COSTS	\$25,844	\$ 6,701.83
		X	RATE PER CCF	\$ 2.13	\$ 0.55

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