

**Cost Summary & Approval Signature**

Salt Creek Fire Salvage

OAK KNOLL RANGER DISTRICT

Road Number	Road Name	Station To Station		Mi.	Total
46N80X	Big Blue	0+00	101+00	1.91	\$ 17,110.80
		Specified Road Cost Estimate			\$ 17,110.80
		Deposit - Reconstruction Engineering Services			\$ -
Approved By (Signature)	Date	<b>Total</b>			\$ 17,110.80

**Schedule of Items**

Salt Creek Fire Salvage

OAK KNOLL RANGER DISTRICT

46N80X

Big Blue

Item	Description of Pay Item	Measure	Unit	Qty	Unit Price	Total
15802	Watering for Aggregate Placement & Compaction	LPSM	LPSM	ALL	\$ 1,920.00	\$ 1,920.00
21201(R)	Linear Grading, Reconstruction Dozer finish <u>Slash treatment:</u> tops & limbs: f (scattering) logs: (Deck) stumps: c (Bury) utilization of timber (Deck)	CQ	Mile	1.91	\$ 3,345.97	\$ 6,390.80
30101	Aggregate base, grading 4" Minus, compaction A (commercial source)	CQ	CY	160	\$ 55.00	\$ 8,800.00
21201(R)	Pay Item includes Mobilization					
					TOTAL	\$ 17,110.80



Engineer's Cost Estimate  
2015 Construction Season

P&O %	Project Name	46N80X	Big Blue	Cost update		
0.00	Estimator	Michael Cody		Date of Estimate	07/14/15	
<b>SALT CREEK FIRE SALVAGE</b>						
<b>NO - Mobilization</b>						
<b>OPEN CLOSED ROAD - RECONSTRUCTION</b>						
Dozer to open road, reconstruct junction include PIT RUN on junction and 46N67						
Laborers (2 each) to cut and trim trees, fell timber, buck logs, cut brush. Service truck for laborers and operator						
Dozer remove all cat constructed water bars, excavate stump holes, remove slumps, reshape road						
Dozer finish on road,						
During Sale: Water for reconstruction only, log truck haul water is appraisal item						
Post sale: Replace cat water bars - every 300 feet, complete in conjunction with outslope road						
Post sale: Dozer to reshape -4% to -5% outslope, construct closure berm past STA 3+20						
		D-7 Cost per hour	Dozer	\$ 87.00		
		15% fuel and maintenance	1.15	\$ 100.05		
		Equipment operator \$ per hour	Operator	\$ 19.72		
		D-7 With Operator		\$ 119.77		
<b>Unit</b>	<b>Quantity</b>	<b>Equipment used for Comments</b>	<b>Equipment</b>	<b>Rate</b>	<b>Hours</b>	<b>Cost</b>
Mile	1.91	Reconstruct to open road				
L. F.	320	Reconstruct Junction	Dozer	\$ 119.77	8	\$ 958.16
	Operator	Service Truck, fuel / Transp	1 Ton	\$ 10.00	40	\$ 400.00
CY	160	Apply aggregate	Dozer	\$ 119.77	8	\$ 958.16
		Laborer, sawyer	Labor	\$ 20.00	24	\$ 480.00
		Laborer, brusher	Labor	\$ 20.00	24	\$ 480.00
	Laborers	Service Truck, FIRE & transp	1 Ton	\$ 10.00	24	\$ 240.00
Miles	1.91	Clear brush & fall trees	Dozer	\$ 119.77	8	\$ 958.16
Each	20	Excavate burn stump holes	Dozer	\$ 119.77	4	\$ 479.08
	Variable	Remove existing water bars	Dozer	\$ 119.77	4	\$ 479.08
Miles	1.91	Reshape & slump removal	Dozer	\$ 119.77	8	\$ 958.16
						\$ 6,390.80
					Cost / Mile	\$ 3,345.97
CY	160	Aggregate Furnish and Apply	CY	\$ 55.00	160	\$ 8,800.00
		Water Truck - Jct & Aggregate	3000 Gal	\$ 80.00	24	\$ 1,920.00
				Furnish and apply AGG		\$ 10,720.00
				<b>OPEN ROAD \$</b>		<b>\$ 17,110.80</b>
DURING USE IS COVERED IN THE TIMBER SALE ROAD MAINTENANCE PACKAGE						
POST USE IS COVERED IN THE TIMBER SALE ROAD MAINTENANCE PACKAGE						
		<b>CLOSE ROAD</b>				
		Close road - contour junction	Dozer	\$ 119.77	1	\$ 119.77
Each	20	Construct water bars 0.1 hr ea	Dozer	\$ 119.77	6	\$ 718.62
Miles	1.91	Outslope road -4% to -5%	Dozer	\$ 119.77	8	\$ 958.16
				<b>CLOSE ROAD \$</b>		<b>\$ 1,796.55</b>

