

Redwood Creek Overlook
Rehabilitation Project

Unit 88-4

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REHABILITATION UNIT 88-4 SUMMARY

UNIT NAME: Redwood Creek Overlook

LOCATION DESCRIPTION: "Devastation Point", a cable-yard log landing on Bald Hills Road near the C-Line haul road.
T10N R2E Section 18 Holter Ridge 7.5 min. quad.
Photo = RNP-78 1:6000 13-97.

TOTAL UNIT ACREAGE: 2 MILES OF ROAD TREATED: 0.0

TOTAL REHABILITATION PROJECT COST: \$ 6,515.42 (Table 1, pg. 3)

GEOLOGY DESCRIPTION: Sandstone of the Franciscan Formation

GEOMORPHIC DESCRIPTION: West, southwest aspect; ridge top; 55-80% slopes

SOIL DESCRIPTION: High rock content, shallow to moderate depth, coherent sandstone bedrock = Lacks creek

LOGGING HISTORY: 1976, 20-acre cable-yarded cut block

EROSION FEATURES: 20-foot wide section for 250 feet around the outboard edge of the landing displaced 1-4 feet

REHABILITATION WORK SUMMARY:

HOURLY Project

- I. Total Heavy Equipment Cost: \$ 5,106.42
Heavy Equipment Used: CAT D8H ripper bulldozer (J. Franke)
CAT 235 excavator (C. Hake)
D8H @ \$94.47/hour
235 @ \$95.00/hour

#	Types of Treatments	Total Cost	Quantity	Unit Cost	Rate
316 ft.	Outslope	\$ 3,616.92	2,710yd ³	\$ 1.33/yd ³	71yd ³ /PH
	Compost	336.00	--	--	--
	Move in & out	1,153.50			

- II. Total Labor Intensive Cost: \$ 308.00
Straw Mulch: 20 bales with a total unit cost of \$ 15.40/bale

Rehabilitation Summary continued on next page with the Discussion.

Unit 88-4 Summary, continued

DISCUSSION: The outboard edge of the landing had the potential to fail, thus endangering future visitor use facilities. To prevent this possible fill failure from occurring, the outboard edge material was removed and placed on the remaining stable bench. This fill material was then graded into a lower and upper level to be used for the future picnic area and parking area, respectively. The ripper dozer first decompacted the landing surface, then began cutting down the unstable fill along the outboard edge of the landing. The excavator was used to lift the remaining outboard edge fill material up to the stable bench where the dozer then graded the fill material into the upper and lower decks. Compost was trucked in from the composting facility at Wolf Creek and the D8H bulldozer mixed it in with the rocky outsloped material that was used to shape the lower bench level.

Table 1

REHABILITATION WORK COST SUMMARY
Unit 88-4: Redwood Creek Overlook

Treatment	Quantity	Total Cost	Average Unit Cost Per Quantity
HEAVY EQUIPMENT WORK:			
<u>Primary Treatments</u>			
Outsloping	2,710 yd ³	\$ 3,616.92	\$ 1.33/yd ³
<u>Secondary Treatments</u>	--	336.00	--
Compost			
<u>Miscellaneous</u>			
Move in & out	--	<u>1,153.50</u>	--
TOTAL HEAVY EQUIPMENT COST =		\$ 5,106.42	

LABOR INTENSIVE WORK:			
<u>Secondary Treatments</u>	20 Bales	<u>308.00</u>	\$15.40/Bale
(straw)			
TOTAL LABOR INTENSIVE COST =		\$ 308.00	

TECHNICAL WORK: (completed by L. Johnson and T. Spreiter)			
<u>Evaluation</u>			
Prescriptions and Surveying		276.00	
<u>Supervision of Work</u>			
Heavy Equipment		612.00	
<u>Documentation</u>			
Photo Points		79.00	
Cost Analysis and Report		<u>134.00</u>	
TOTAL TECHNICAL WORK COST =		\$ 1,101.00	

GRAND TOTAL COST =		\$ 6,515.42	

ABBREVIATIONS

CSP = Color stereo pair
B/W = Single B/W photo
Pre-Post = 6/88 & 4/89

UNIT 88-4 REDWOOD CREEK OVERLOOK

PHOTO POINT LOCATIONS AND DESCRIPTIONS

PP#	LENS (mm)	LOCATION	PHOTO-POINT	DESCRIPTION
3	75 135 205	C-Line	B/W 400 CSP 200	FROM: OBER first landing at the top of C-Line. VIEW: North to the overlook (no alders in the view).
4	35	Bald Hills Road	B/W 400 CSP 200	FROM: Center line Bald Hills Road. VIEW: West across the landing.
5	35	Landing CB	B/W 400 CSP 200	FROM: CB above landing. VIEW: several pan shots of the landing.

(Photo points 1 and 2 are at Gans Prairie, Unit 88-7)

Color slides and black and white prints are on file at SOC.