



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal  
Finger Creek  
Sale FG-341-2025-W01017-01

District: Forest Grove

Date: February 20, 2025

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**Cost Summary**

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$2,100,852.16	\$0.00	\$2,100,852.16
		Project Work:	(\$233,173.00)
		Advertised Value:	\$1,867,679.16



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# Timber Sale Appraisal Finger Creek Sale FG-341-2025-W01017-01

**District: Forest Grove**

**Date: February 20, 2025**

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## Timber Description

**Location:**

**Stand Stocking: 20%**

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	20	0	98
Western Hemlock / Fir	14	0	98

Volume by Grade	2S	3S & 4S 6"-11"	Total
Douglas - Fir	3,052	1,130	4,182
Western Hemlock / Fir	0	8	8
Total	3,052	1,138	4,190

**Comments:** LOCAL POND VALUES, DECEMBER 2024

NOBLE FIR AND OTHER CONIFERS:

STUMPAGE PRICE = POND VALUE - WESTERN HEMLOCK LOGGING COST

\$269.66 = \$532 - \$262.34

WESTERN REDCEDAR AND OTHER CEDARS:

STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST:

\$953.62 = \$1,189 - \$235.38

RED ALDER AND OTHER HARDWOODS:

STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST

\$249.62 = \$485 - \$235.38

BRANDING AND PAINTING ALLOWANCE = \$2.00/MBF

FUEL COST ALLOWANCE = \$5.00/GAL

HAULING COST ALLOWANCE = \$1,250/DAY

OTHER COSTS (WITH PROFIT & RISK ADDED):

TRUCK ASSIST: 100 HOURS @ \$70/HOUR = \$7,000

INTERMEDIATE SUPPORTS/TAIL RIGGING: 8 @ \$800 EACH = \$6,400

TOTAL OTHER COSTS (WITH PROFIT & RISK ADDED) = \$13,400

OTHER COSTS (NO PROFIT & RISK ADDED):

EQUIPMENT CLEANING: 3 PIECES @ \$1,000/PIECE = \$3,000

MACHINE TIME TO BLOCK/WATERBAR ROADS AND SKID TRAILS:

16 HOURS X \$200/HOUR = \$3,200

MACHINE TIME TO PILE LANDING SLASH:

24 HOURS X \$200/HOUR = \$4,800

TOTAL OTHER COSTS (NO P&R) = \$11,000

SLASH TREATMENT: 25 ACRES X \$250/ACRE = \$6,250

ROAD MAINTENANCE (INCLUDES SPOT ROCKING, GRADING, & ROLLING):

MOVE IN: \$3,872.62

GENERAL ROAD MAINT: 4.36 miles X \$2,428.67 = \$10,589

TOTAL ROAD MAINTENANCE: \$14,461.62/4,190 MBF = \$3.45/MBF



**Date: February 20, 2025**

<b>Combination#:</b>	2	Douglas - Fir	52.48%
		Western Hemlock / Fir	53.00%
<b>Logging System:</b>	Cable: Medium Tower >40 - <70		<b>Process:</b> Harvester Head Delimbing
<b>yarding distance:</b>	Medium (800 ft)		<b>downhill yarding:</b> No
<b>tree size:</b>	Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF		
<b>loads / day:</b>	15		<b>bd. ft / load:</b> 4600
<b>cost / mbf:</b>	\$115.62		
<b>machines:</b>	Log Loader (A)		
	Forwarder		
	Harvester		
	Tower Yarder (Medium)		



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### Logging Costs

Operating Seasons: 2.00	Profit Risk: 15%
Project Costs: \$233,173.00	Other Costs (P/R): \$13,400.00
Slash Disposal: \$6,250.00	Other Costs: \$11,000.00

Miles of Road

Road Maintenance: \$3.45

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	0.0	0.0

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	3.0	4.8
Western Hemlock / Fir	\$0.00	3.0	3.8



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### Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
<b>Douglas - Fir</b>									
\$102.00	\$3.52	\$2.09	\$88.55	\$3.20	\$29.90	\$1.49	\$2.00	\$2.63	\$235.38
<b>Western Hemlock / Fir</b>									
\$102.15	\$3.52	\$2.09	\$111.84	\$3.20	\$33.42	\$1.49	\$2.00	\$2.63	\$262.34

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$737.22	\$501.84	\$0.00
Western Hemlock / Fir	\$0.00	\$532.00	\$269.66	\$0.00



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Finger Creek  
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District: Forest Grove

Date: February 20, 2025

### Summary

#### Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00
Western Hemlock / Fir	0	\$0.00	\$0.00

#### Unamortized

Specie	MBF	Value	Total
Douglas - Fir	4,182	\$501.84	\$2,098,694.88
Western Hemlock / Fir	8	\$269.66	\$2,157.28

#### Gross Timber Sale Value

Recovery: \$2,100,852.16

Prepared By: Colton Turner

Phone: 971-464-1676

**TIMBER SALE SUMMARY**  
**Finger Creek**  
**#FG-341-2025-W01017-01**

1. **Location:** Portions of Sections 17 & 20, T2N, R5W, W.M., Washington County, Oregon.
2. **Type of Sale:** This timber sale is a 118 net acre Clearcut. It consists of one Clearcut unit and one Right-of-Way unit. Unit 1 (CC) is 117 Acres and Unit 2 (R/W) is 1 acre. The timber will be sold on a recovery basis at a sealed bid auction.
3. **Revenue Distribution:** 100% BOF, Washington County.
4. **Sale Acreage:** Acres are net of Stream Buffers and road prisms. Acreage was determined using ESRI ArcMap GIS Pro software.
5. **Cruise:** The Timber Sale was cruised by ODF Cruisers in January of 2025. For more information see Cruise Report.
6. **Timber Description:** The Timber Sale Area consists of 77 to 78 year old Douglas-fir stand with minor amounts of western hemlock, western redcedar, Noble Fir, and hardwoods. The stand has an average of 186 ft<sup>2</sup> of basal area (all species), an average Douglas-fir DBH of 20 inches, and an estimated average net Douglas-fir volume of approximately 35.4 MBF per acre.
7. **Topography and Logging Method:** Slopes within the sale areas range from 5% to 80%, and variable in aspect. The timber sale is 47% ground-based Yarding and 53% cable Yarding. The average cable corridor length is 700 feet and the average horizontal skid trail length is approximately 500 feet.
8. **Access:** All access to the Timber Sale Area is on surfaced roads. From Forest Grove, travel 7 miles west on Highway 8 to its intersection with Highway 6. Turn left onto Highway 6 and proceed for approximately 8.8 miles to Rogers Road. Turn right onto Rogers Road and proceed for 0.8 miles to Plantation Road. Note that this portion of the haul route crosses through Gales Creek Campground. Turn right onto Plantation Road and proceed for 1.3 miles and turn onto unnamed spur to access the western portion of Unit 2. Proceed for 0.4 miles to enter the western portion of Unit 1. There are gates along this route that may require a key which can be obtained at the Forest Grove District Office.
9. **Projects:**

Project No. 1: Rocked Road Construction	\$132,803.41
Project No. 2: Road Improvement	\$100,369.59

Total Credit for all Projects (rounded)	\$233,173.00
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**PROJECT COST SUMMARY SHEET**

Timber Sale: Finger Creek  
Sale Number: FG-341-2025-W01017-01

**PROJECT NO. 1: ROCKED ROAD CONSTRUCTION**

	Road Segment	Length	Cost
	B to C	29+25	\$71,700.37
	D to E	3+15	\$9,158.84
	F to G	14+50	\$38,928.32
	L to M	2+70	\$10,481.13
		49+60 stations	
		0.94 miles	
Total Rock =	264 cy	1½" - 0	
	4,507 cy	3" - 0	
	30 cy	Riprap	
		Move-in =	\$2,534.75
		<b>TOTAL PROJECT COST =</b>	<b>\$132,803.41</b>

**PROJECT NO. 2: ROAD IMPROVEMENT**

	Road Segment	Length	Cost
	A to B	104+75	\$45,255.87
	H to I	47+65	\$32,937.69
	J to K	10+55	\$10,739.12
	N to O	5+45	\$9,521.21
		168+40 stations	
		3.19 miles	
Total Rock =	1,920 cy	1½" - 0	
	2,796 cy	3" - 0	
	12 cy	36"- 24" Riprap	
		Move-in =	\$1,915.70
		<b>TOTAL PROJECT COST =</b>	<b>\$100,369.59</b>
		<b>TOTAL CREDITS =</b>	<b>\$233,173.00</b>

# SUMMARY OF CONSTRUCTION COST

Timber Sale: Finger Creek  
Road Segment: A to B

Sale Number: FG-341-2025-W01017-01  
Improvement: 104+75 stations  
1.98 miles

## PROJECT NO. 2: ROAD IMPROVEMENT

### IMPROVEMENT

Clearing & grubbing (scatter)	1.21	ac @	\$1,353.60	per acre =	\$1,637.86
Clean ditch & end-haul waste material	1.20	sta @	\$66.00	per sta =	\$79.20
Haul waste material	9	cy @	\$2.31	per cy =	\$20.79
Shape and compact waste material	9	cy @	\$0.35	per cy =	\$3.15
End-haul waste from Culvert Nos. 2-11, 14-16, & 18					
Haul waste material	96	cy @	\$2.31	per cy =	\$221.76
Shape and compact waste material	125	cy @	\$0.35	per cy =	\$43.75
Clean culvert inlet & outlet, end-haul waste	1	ea @	\$27.50	per ea =	\$27.50
Haul waste material	2	cy @	\$2.31	per cy =	\$4.62
Shape and compact waste material	2	cy @	\$0.35	per cy =	\$0.70
Construct ditchout	3	ea @	\$50.00	per ea =	\$150.00
Haul waste material	4	cy @	\$2.31	per cy =	\$9.24
Compact waste area	4	cy @	\$0.35	per cy =	\$1.40
Construct settling pond	15	ea @	\$27.50	per ea =	\$412.50
Haul waste material	20	cy @	\$2.31	per cy =	\$46.20
Compact waste area	20	cy @	\$0.35	per cy =	\$7.00
Improve turnout	6	ea @	\$36.30	per ea =	\$217.80
Grade, ditch, & roll	104.75	sta @	\$39.65	per sta =	\$4,153.34

**TOTAL IMPROVEMENT COSTS = \$7,036.81**

### CULVERTS

Culverts and Bands					
18" Diameter	440	lf @	\$22.05	per lf =	\$9,702.00
24" Diameter	160	lf @	\$31.90	per lf =	\$5,104.00
Markers & Stakes					
Culvert markers	18	ea @	\$12.00	per ea =	\$216.00

**TOTAL CULVERT COSTS = \$15,022.00**

### ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
<b>Subgrade rock</b>						
Bedding and backfill	1½" - 0	\$1.26	\$1.87	\$0.55	432	\$1,589.76
Energy dissipator	Riprap	\$8.38	\$1.87	\$1.75	12	\$144.00
				<b>Subtotal =</b>	<b>444</b>	<b>\$1,733.76</b>
<b>Surfacing rock</b>						
Surfacing rock (47+95 to 81+50 & 81+50 to 99+25)	1½" - 0	\$1.26	\$1.87	\$1.35	770	\$3,449.60
Base rock (81+50 to 99+25)	3" - 0	\$13.64	\$1.87	\$1.35	550	\$9,273.00
Surfacing rock (99+55 to 104+75)	1½" - 0	\$1.26	\$1.87	\$1.35	78	\$349.44
Base rock	3" - 0	\$13.64	\$1.87	\$1.35	244	\$4,113.84
Junction (47+95)	1½" - 0	\$1.26	\$1.87	\$1.35	24	\$107.52
Junction (81+50 & 99+55)	3" - 0	\$13.64	\$1.87	\$1.35	48	\$809.28
Turnout	3" - 0	\$13.64	\$1.87	\$1.35	70	\$1,180.20
Turnout (103+80)	3" - 0	\$13.64	\$1.87	\$1.35	29	\$488.94
				<b>Subtotal =</b>	<b>1,813</b>	<b>\$19,771.82</b>

Totals

All Rock =	2,257
1½" - 0	1,304
3" - 0	941
Riprap	12

**TOTAL ROCK COSTS = \$21,505.58**

### EROSION CONTROL

Grass seed & fertilizer	1.37	ac @	\$697.50	per ac =	\$955.58
Straw mulch acre	0.41	ac @	\$990.00	per ac =	\$405.90
Straw mulch bale	30	ea @	\$11.00	per ea =	\$330.00

**TOTAL EROSION CONTROL COSTS = \$1,691.48**

**TOTAL PROJECT COST = \$45,255.87**

# SUMMARY OF CONSTRUCTION COST

Timber Sale: Finger Creek  
Road Segment: B to C Page. 1

Sale Number: FG-341-2025-W01017-01  
Construction: 29+25 stations  
0.55 miles

## PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

### CONSTRUCTION

Clearing & grubbing (scatter)	3.36	ac @	\$1,692.00	per ac =	\$5,685.12
Clean ditch & end-haul waste material (0+00 to 2+85)	1.85	sta @	\$66.00	per sta =	\$122.10
Haul waste material	13	cy @	\$1.91	per cy =	\$24.83
Balanced road construction	28.10	sta @	\$120.00	per sta =	\$3,372.00
Drift	1.15	sta @	\$198.00	per sta =	\$227.70
Construct ditch-out	4	ea @	\$50.00	per ea =	\$200.00
Haul waste material (3+15)	3	cy @	\$1.91	per cy =	\$5.73
Compact waste area	3	cy @	\$0.35	per cy =	\$1.05
Full bench road construction (18+00 to 19+20)					
Excavate & load	996	cy @	\$2.51	per cy =	\$2,499.96
Haul to Waste Area	1,295	cy @	\$2.25	per cy =	\$2,913.75
Shape and compact waste material	1,295	cy @	\$0.30	per cy =	\$388.50
Fill construction (2+40 to 3+15)					
Excavate & load	417	cy @	\$1.94	per cy =	\$808.98
Haul fill material	542	cy @	\$1.19	per cy =	\$644.98
Place and compact fill	542	cy @	\$3.20	per cy =	\$1,734.40
Construct settling pond (Large)	2	ea @	\$27.50	per ea =	\$55.00
Haul waste material	18	cy @	\$1.91	per cy =	\$34.38
Compact waste area	18	cy @	\$0.35	per cy =	\$6.30
Turnout	4	ea @	\$72.60	per ea =	\$290.40
Roadside landing	1	ea @	\$181.50	per ea =	\$181.50
Grade, ditch, & roll	29.25	sta @	\$39.65	per sta =	\$1,159.76

**TOTAL CONSTRUCTION COSTS = \$20,356.44**

### CULVERTS

Culverts and Bands					
18" Diameter	140	lf @	\$22.05	per lf =	\$3,087.00
Markers & Stakes					
Culvert markers	4	ea @	\$12.00	per ea =	\$48.00

**TOTAL CULVERT COSTS = \$3,135.00**

### ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
<b>Surfacing rock</b>						
Base rock	3" - 0	\$13.64	\$2.31	\$1.35	1,875	\$32,437.50
Junction	3" - 0	\$13.64	\$2.31	\$1.35	24	\$415.20
Turnout	3" - 0	\$13.64	\$2.31	\$1.35	116	\$2,006.80
Traction rock (Spot rock)	1½" - 0	\$1.26	\$2.31	\$1.35	38	\$186.96
Roadside landing	3" - 0	\$13.64	\$2.31	\$1.35	95	\$1,643.50
Approaches	1½" - 0	\$1.26	\$2.31	\$1.35	30	\$147.60
Approaches	3" - 0	\$13.64	\$2.31	\$1.35	94	\$1,626.20
Surfacing rock	1½" - 0	\$1.26	\$2.31	\$1.35	12	\$59.04
Footing embedment	1½" - 0	\$1.26	\$2.31	\$1.35	4	\$19.68
Bank armor	Riprap	-	\$0.53	\$1.35	30	\$56.40
Subtotal =					2,318	\$38,598.88

Totals

All Rock =	2,318
1½" - 0	84
3" - 0	2,204
Riprap	30

**TOTAL ROCK COSTS = \$38,598.88**

# SUMMARY OF CONSTRUCTION COST

Timber Sale: Finger Creek  
Road Segment: B to C Page. 2

Sale Number: FG-341-2025-W01017-01  
Construction: 2+40 stations  
0.05 miles

## PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

### 40' LOG STRINGER BRIDGE INSTALLATION

#### Site Prep

#### Clearing & grubbing

Haul waste material	48	cy @	\$1.91	per cy =	\$91.68
Shape and compact waste material	48	cy @	\$0.35	per cy =	\$16.80

#### Stream channel development

Excavate & load	16	cy @	\$1.94	per cy =	\$31.04
Haul waste material	21	cy @	\$1.19	per cy =	\$24.99
Place and compact waste material	21	cy @	\$3.20	per cy =	\$67.20

#### Subgrade preparation & compaction

Grade & roll	2.40	sta @	\$39.65	per sta =	\$95.16
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#### Soil sill construction

Excavate & load	10	cy @	\$1.94	per cy =	\$19.40
Haul fill material	13	cy @	\$1.19	per cy =	\$15.47
Place and compact fill	13	cy @	\$3.20	per cy =	\$41.60

#### Construct bridge

Haul logs	16	ea @	\$29.88	per ea =	\$478.08
Place logs	8	hrs @	\$192.50	per hr =	\$1,540.00
Cable wrapping and clamp placement	8	hrs @	\$60.00	per hr =	\$480.00

#### Materials

Cable (3/4")	650	lf @	\$1.80	per lf =	\$1,170.00
Clamps	40	ea @	\$2.84	ea =	\$113.60
Geotextile	50	sq. yd. @	\$7.50	sq. yd. =	\$375.00

#### Bridge approach fill construction

Excavate & load	238	cy @	\$1.94	per cy =	\$461.72
Haul fill material	309	cy @	\$1.19	per cy =	\$367.71
Place and compact fill	309	cy @	\$3.20	per cy =	\$988.80

**TOTAL CONSTRUCTION COSTS = \$6,378.25**

### EROSION CONTROL & STREAM ISOLATION

Silt fencing	100	ft @	\$4.84	per ft =	\$484.00
Miscellaneous erosion control measures	1	ea @	\$1,000.00	per ea =	\$1,000.00
Grass seed & fertilizer	1.86	ac @	\$780.00	per ac =	\$1,450.80
Straw mulch (acre)	0.30	ac @	\$990.00	per ac =	\$297.00

**TOTAL EROSION CONTROL COSTS = \$3,231.80**

**TOTAL PROJECT COST = \$71,700.37**

# SUMMARY OF CONSTRUCTION COST

Timber Sale: Finger Creek  
Road Segment: D to E

Sale Number: FG-341-2025-W01017-01  
Construction: 3+15 stations  
0.06 miles

## PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

### CONSTRUCTION

Clearing & grubbing (scatter)	0.37	ac @	\$1,692.00	per ac =	\$626.04
Balanced road construction	3.15	sta @	\$120.00	per sta =	\$378.00
Roadside landing	1	ea @	\$181.50	per ea =	\$181.50
Landing	1	ea @	\$242.00	per ea =	\$242.00
Grade, ditch, & roll	3.15	sta @	\$39.65	per sta =	\$124.90

TOTAL CONSTRUCTION COSTS = \$1,552.44

### ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
<b>Surfacing rock</b>						
Base rock	3" - 0	\$13.64	\$2.81	\$1.35	205	\$3,649.00
Junction	3" - 0	\$13.64	\$2.81	\$1.35	24	\$427.20
Roadside landing	3" - 0	\$13.64	\$2.81	\$1.35	95	\$1,691.00
Landing	3" - 0	\$13.64	\$2.81	\$1.35	95	\$1,691.00
Subtotal =					419	\$7,458.20

Totals

All Rock =	419
3" - 0	419

TOTAL ROCK COSTS = \$7,458.20

### EROSION CONTROL

Grass seed & fertilizer	0.19	ac @	\$780.00	per ac =	\$148.20
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TOTAL EROSION CONTROL COSTS = \$148.20

**TOTAL PROJECT COST = \$9,158.84**

# SUMMARY OF CONSTRUCTION COST

Timber Sale: Finger Creek  
Road Segment: F to G

Sale Number: FG-341-2025-W01017-01  
Construction: 14+50 stations  
0.27 miles

## PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

### CONSTRUCTION

Clearing & grubbing (scatter)	1.67	ac @	\$1,692.00	per ac =	\$2,825.64
Balanced road construction	11.75	sta @	\$120.00	per sta =	\$1,410.00
Drift	2.75	sta @	\$198.00	per sta =	\$544.50
Construct ditch-out	2	ea @	\$50.00	per ea =	\$100.00
Fill construction					
Excavate & load	350	cy @	\$1.94	per cy =	\$679.00
Haul fill material	455	cy @	\$0.70	per cy =	\$318.50
Place and compact fill	455	cy @	\$3.20	per cy =	\$1,456.00
Turnout	2	ea @	\$72.60	per ea =	\$145.20
Turnaround	1	ea @	\$90.75	per ea =	\$90.75
Approach to landing	2.15	sta @	\$120.00	per sta =	\$258.00
Landing	1	ea @	\$242.00	per ea =	\$242.00
Landing	1	ea @	\$345.40	per ea =	\$345.40
Grade, ditch, & roll	14.50	sta @	\$39.65	per sta =	\$574.93

**TOTAL CONSTRUCTION COSTS = \$8,989.92**

### CULVERTS

Culverts and Bands					
18" Diameter	40	lf @	\$22.05	per lf =	\$882.00
Markers & Stakes					
Culvert markers	1	ea @	\$12.00	per ea =	\$12.00

**TOTAL CULVERT COSTS = \$894.00**

### ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
<b>Surfacing rock</b>						
Base rock	3" - 0	\$13.64	\$3.41	\$1.35	943	\$17,351.20
Junction	3" - 0	\$13.64	\$3.41	\$1.35	48	\$883.20
Turnout	3" - 0	\$13.64	\$3.41	\$1.35	58	\$1,067.20
Turnaround	3" - 0	\$13.64	\$3.41	\$1.35	20	\$368.00
Traction rock	1½" - 0	\$1.26	\$3.41	\$1.35	180	\$1,083.60
Approach to landing	3" - 0	\$13.64	\$3.41	\$1.35	140	\$2,576.00
Landing	3" - 0	\$13.64	\$3.41	\$1.35	95	\$1,748.00
Landing	3" - 0	\$13.64	\$3.41	\$1.35	180	\$3,312.00
					<b>Subtotal =</b>	<b>1,664 \$28,389.20</b>

Totals

All Rock =	1,664
1½" - 0	180
3" - 0	1,484

**TOTAL ROCK COSTS = \$28,389.20**

### EROSION CONTROL

Grass seed & fertilizer	0.84	ac @	\$780.00	per ac =	\$655.20
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**TOTAL EROSION CONTROL COSTS = \$655.20**

**TOTAL PROJECT COST = \$38,928.32**

# SUMMARY OF CONSTRUCTION COST

Timber Sale: Finger Creek  
Road Segment: H to I

Sale Number: FG-341-2025-W01017-01  
Improvement: 47+65 stations  
0.90 miles

## PROJECT NO. 2: ROAD IMPROVEMENT

### IMPROVEMENT

Clearing & grubbing (scatter)	0.55	ac @	\$1,692.00	per acre =	\$930.60
Road re-alignment construction (39+60 to 40+70)					
Excavate & load	616	cy @	\$1.94	per cy =	\$1,195.04
Improve turnout	4	ea @	\$36.30	per ea =	\$145.20
Construct turnaround	1	ea @	\$90.75	per ea =	\$90.75
Excavate, place and & compact fill	156	cy @	\$4.54	per cy =	\$708.24
Construct roadside landing	3	ea @	\$181.50	per ea =	\$544.50
Excavate, place and & compact fill	170	cy @	\$4.54	per cy =	\$771.80
Improve roadside landing	1	ea @	\$90.75	per ea =	\$90.75
Grade, ditch, & roll	47.65	sta @	\$39.65	per sta =	\$1,889.32

**TOTAL IMPROVEMENT COSTS = \$6,366.20**

### CULVERTS

Culverts and Bands					
18" Diameter	150	lf @	\$22.05	per lf =	\$3,307.50
Markers & Stakes					
Culvert markers	3	ea @	\$12.00	per ea =	\$36.00
Additional Installation Cost					
Culvert No. 25 Installation	2	hrs @	\$192.50	per hr =	\$385.00

**TOTAL CULVERT COSTS = \$3,728.50**

### ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
<b>Subgrade rock</b>						
Bedding and backfill	1½" - 0	\$1.26	\$3.49	\$0.55	72	\$381.60
Subtotal =					72	\$381.60
<b>Surfacing rock</b>						
Base rock (Road re-alignment)	3" - 0	\$13.64	\$3.49	\$1.35	72	\$1,330.56
Surfacing rock (0+00 to 17+65)	3" - 0	\$13.64	\$3.49	\$1.35	547	\$10,108.56
Surfacing rock (17+65 to 47+65)	1½" - 0	\$1.26	\$3.49	\$1.35	450	\$2,745.00
Junction	1½" - 0	\$1.26	\$3.49	\$1.35	24	\$146.40
Y - Junction	1½" - 0	\$1.26	\$3.49	\$1.35	24	\$146.40
Turnout	3" - 0	\$13.64	\$3.49	\$1.35	56	\$1,034.88
Turnaround	3" - 0	\$13.64	\$3.49	\$1.35	20	\$369.60
Curve widening (39+60 to 40+70)	1½" - 0	\$1.26	\$3.49	\$1.35	10	\$61.00
Roadside landing (Improve)	3" - 0	\$13.64	\$3.49	\$1.35	47	\$868.56
Roadside landing (Construct)	3" - 0	\$13.64	\$3.49	\$1.35	285	\$5,266.80
Subtotal =					1,535	\$22,077.76

Totals

All Rock =	1,607
1½" - 0	580
3" - 0	1,027

**TOTAL ROCK COSTS = \$22,459.36**

### EROSION CONTROL

Grass seed & fertilizer	0.55	ac @	\$697.50	per ac =	\$383.63
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**TOTAL EROSION CONTROL COSTS = \$383.63**

**TOTAL PROJECT COST = \$32,937.69**

**SUMMARY OF CONSTRUCTION COST**

Timber Sale: Finger Creek  
 Road Segment: J to K

Sale Number: FG-341-2025-W01017-01  
 Improvement: 10+55 stations  
0.20 miles

**PROJECT NO. 2: ROAD IMPROVEMENT**

**IMPROVEMENT**

Clearing & grubbing (scatter)	0.13	ac @	\$1,353.60	per acre =	\$175.97
Remove large stump	1	ea @	\$90.75	per ea =	\$90.75
"Y" Junction (Reconstruction)					
Excavate & scatter	117	cy @	\$1.94	per cy =	\$226.98
Grade, ditch, & roll	1.05	sta @	\$39.65	per sta =	\$41.63
Improve turnout	1	ea @	\$36.30	per ea =	\$36.30
Improve turnaround	1	ea @	\$45.38	per ea =	\$45.38
Grade, ditch, & roll	10.55	sta @	\$39.65	per sta =	\$418.31

**TOTAL IMPROVEMENT COSTS = \$1,035.32**

**CULVERTS**

Culverts and Bands					
18" Diameter	50	lf @	\$22.05	per lf =	\$1,102.50
Markers & Stakes					
Culvert markers	1	ea @	\$12.00	per ea =	\$12.00

**TOTAL CULVERT COSTS = \$1,114.50**

**ROCK**

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
<b>Subgrade rock</b>						
Bedding and backfill	1½" - 0	\$1.26	\$4.71	\$0.55	24	\$156.48
Subtotal =					24	\$156.48
<b>Surfacing rock</b>						
Base rock (Junction reconstruction)	3" - 0	\$13.64	\$4.71	\$1.35	68	\$1,339.60
Surfacing rock	3" - 0	\$13.64	\$4.71	\$1.35	327	\$6,441.90
Junction	1½" - 0	\$1.26	\$4.71	\$1.35	12	\$87.84
Turnout	3" - 0	\$13.64	\$4.71	\$1.35	14	\$275.80
Turnaround	3" - 0	\$13.64	\$4.71	\$1.35	10	\$197.00
Subtotal =					431	\$8,342.14

Totals	All Rock =	455
	1½" - 0	36
	3" - 0	419

**TOTAL ROCK COSTS = \$8,498.62**

**EROSION CONTROL**

Grass seed & fertilizer	0.13	ac @	\$697.50	per ac =	\$90.68
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**TOTAL EROSION CONTROL COSTS = \$90.68**

**TOTAL PROJECT COST = \$10,739.12**



# SUMMARY OF CONSTRUCTION COST

Timber Sale: Finger Creek  
Road Segment: L to M

Sale Number: FG-341-2025-W01017-01  
Construction: 2+70 stations  
0.05 miles

## PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

### CONSTRUCTION

Clearing & grubbing (scatter)	0.31	ac @	\$1,692.00	per ac =	\$524.52
Drift	2.70	sta @	\$198.00	per sta =	\$534.60
Turnaround	1	ea @	\$90.75	per ea =	\$90.75
Landing	1	ea @	\$345.40	per ea =	\$345.40
Grade, ditch, & roll	2.70	sta @	\$39.65	per sta =	\$107.06

**TOTAL CONSTRUCTION COSTS = \$1,602.33**

### CULVERTS

Culverts and Bands					
18" Diameter	40	lf @	\$22.05	per lf =	\$882.00
Markers & Stakes					
Culvert markers	1	ea @	\$12.00	per ea =	\$12.00

**TOTAL CULVERT COSTS = \$894.00**

### ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
<b>Surfacing rock</b>						
Base rock	3" - 0	\$13.64	\$4.66	\$1.35	176	\$3,458.40
Junction	3" - 0	\$13.64	\$4.66	\$1.35	24	\$471.60
Turnaround	3" - 0	\$13.64	\$4.66	\$1.35	20	\$393.00
Landing	3" - 0	\$13.64	\$4.66	\$1.35	180	\$3,537.00
Subtotal =					400	\$7,860.00

Totals

All Rock =	400
3" - 0	400

**TOTAL ROCK COSTS = \$7,860.00**

### EROSION CONTROL

Grass seed & fertilizer	0.16	ac @	\$780.00	per ac =	\$124.80
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**TOTAL EROSION CONTROL COSTS = \$124.80**

**TOTAL PROJECT COST = \$10,481.13**

# SUMMARY OF CONSTRUCTION COST

Timber Sale: Finger Creek  
Road Segment: N to O

Sale Number: FG-341-2025-W01017-01  
Improvement: 5+45 stations  
0.10 miles

## PROJECT NO. 2: ROAD IMPROVEMENT

### IMPROVEMENT

Clearing & grubbing (scatter)	0.07	ac @	\$1,353.60	per acre =	\$94.75
"Y" Junction (Improvement)	1.15	sta @	\$120.00	per sta =	\$138.00
"Y" Junction (Reconstruction)					
Haul from H to I	255	cy @	\$0.75	per cy =	\$191.25
Compact fill	255	cy @	\$0.35	per cy =	\$89.25
Construct turnaround					
Haul from H to I	24	cy @	\$0.75	per cy =	\$18.00
Compact fill	24	cy @	\$0.35	per cy =	\$8.40
Reconstruct landing	1	ea @	\$242.00	per ea =	\$242.00
Haul from H to I	337	cy @	\$0.75	per cy =	\$252.75
Compact fill	337	cy @	\$0.35	per cy =	\$117.95
Grade & roll (outslope)	5.45	sta @	\$35.45	per sta =	\$193.20

**TOTAL IMPROVEMENT COSTS = \$1,345.55**

### ROCK

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
<b>Surfacing rock</b>						
Base rock (Junction reconstruction)	3" - 0	\$13.64	\$4.88	\$1.35	52	\$1,033.24
Surfacing rock	3" - 0	\$13.64	\$4.88	\$1.35	242	\$4,808.54
Turnaround	3" - 0	\$13.64	\$4.88	\$1.35	20	\$397.40
Landing	3" - 0	\$13.64	\$4.88	\$1.35	95	\$1,887.65
Subtotal =					409	\$8,126.83

Totals

All Rock =	409
3" - 0	409

**TOTAL ROCK COSTS = \$8,126.83**

### EROSION CONTROL

Grass seed & fertilizer	0.07	ac @	\$697.50	per ac =	\$48.83
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**TOTAL EROSION CONTROL COSTS = \$48.83**

**TOTAL PROJECT COST = \$9,521.21**

Sale Number: FG-341-2025-W01017-01

Equipment	Total
Grader	\$321.45
Roller (smooth/grid) & Compactor	\$307.48
Excavator (Large) - Equipment Cleaning	\$1,645.07
Dozer (Large) - Equipment Cleaning	\$1,645.07
Dump Truck (10cy +)	\$277.72
Water Truck (2,500 Gal)	\$253.67
<b>TOTAL MOVE-IN COSTS =</b>	<b>\$4,450.46</b>

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Finger Creek  
Sale Number: FG-341-2025-W01017-01  
Stockpile Name: Gales Creek  
1 1/2" - 0: 2,184 cy (truck measure)  
Total truck yardage: 2,184 cy

<u>Move-in</u>								
	Move in loader							\$738.29
	Move in Dump Trucks							\$97.02
						Subtotal =		\$835.31
						Per CY =		\$0.38/cy
<u>1 1/2"-0 Base Cost</u>								
	Load dump truck	\$0.90	/ cy x	2,147	cy =			\$1,932.30
						Subtotal =		\$1,932.30
						Per CY =		\$0.88
	1 1/2"-0 Base Cost =							\$1.26/cy

## QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Finger Creek  
 Sale Number: FG-341-2025-W01017-01  
 Quarry Name: Gales Creek

3" - 0: 7,303 cy (truck measure)  
 Riprap: 12 cy (truck measure)  
 Total truck yardage: 7,315 cy  
 Total in place yardage: 6,252 cy  
 Oversize - Pile: 10%  
 Swell: 130%  
 Compaction: 116%

### Move-in & Other Base Cost

Quarry development & overburden removal				\$30,707.07
Equipment cleaning & move in excavator				\$1,814.67
Equipment cleaning & move in dozer				\$1,826.49
Move in & setup drill				\$439.20
Move in loader				\$738.29
Move in & setup crusher				\$3,534.31
Move in Dump Trucks				\$195.30
Gradation tests	\$78.65 /2,000cy x	<u>4</u>	tests =	\$314.60
Clean up quarry				\$500.00
			Subtotal =	<u>\$40,069.93</u>
			Per CY =	<u>\$5.48/cy</u>

### 3"-0 Base Cost

Drill & shoot	\$3.10	/ cy x	<u>6,242</u>	cy =	\$19,350.20
Oversize - Pile	\$0.80	/ cy x	<u>775</u>	cy =	\$620.00
Load crusher	\$0.90	/ cy x	<u>7,303</u>	cy =	\$6,572.70
Crush (3" - 0)	\$3.63	/ cy x	<u>7,303</u>	cy =	\$26,509.89
Load dump truck	\$0.90	/ cy x	<u>7,303</u>	cy =	\$6,572.70
				Subtotal =	<u>\$59,625.49</u>
				Per CY =	<u>\$8.16/cy</u>

### 36"-24" Riprap Base Cost

Rip rock	\$2.10	/ cy x	<u>12</u>	cy =	\$25.20
Load dump truck	\$0.80	/ cy x	<u>12</u>	cy =	\$9.60
				Subtotal =	<u>\$34.80</u>
				Per CY =	<u>\$2.90/cy</u>

3"-0 Base Cost = \$13.64/cy  
 Riprap Base Cost = \$8.38/cy

**CRUISE REPORT**  
**Finger Creek**  
**#FG-341-2025-W01017-01**

**1. LOCATION:**

Portions of Sections 17 & 20, T2N, R5W, W.M., Washington County, Oregon.

**2. CRUISE DESIGN:**

The timber cruise was designed using an estimated coefficient of variation (CV) of 52%, average stand diameter of 19 inches, sampling error (SE) of 9% and a minimum of 100 grade trees.

**3. SAMPLING METHOD:**

The Timber Sale Area was cruised in January of 2025 with variable radius grade plots using a 40 BAF prism. Plots were laid out on a 5 chain x 5 chain grid. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

**4. CRUISE RESULTS:**

181 trees were measured and graded producing a standard error of 6.2% on the Douglas-fir Basal Area and 6.5% on the Douglas-fir Net Board Foot Volume.

**5. TREE MEASUREMENT AND GRADING:**

All sample trees were measured and graded following the Official Log Scaling and Grading Rules as adopted by the NW Log Rules Advisory Group. 40 foot segments were favored.

- a) **Height Standards:** Total tree heights were measured to the nearest foot. Bole heights were calculated to a six inch top.
- b) **Diameter Standards:** Diameters were measured outside bark at breast height to the nearest inch.
- c) **Form Factors:** Measured for each grade tree using a form point of 16 feet.

**6. DATA PROCESSING:**

- a) **Volumes and Statistics:** Cruise estimates and sampling statistics were derived from SuperAce 2008 cruise software.
- b) **Deductions:** The following percent volume deductions are by species to account for the hidden defect and breakage. For conifers two percent was deducted.

**7. CRUISERS:** The sale was cruised by Mark Savage, Adrian Torres, Nicole Howard, and Colton Turner.

Prepared by: Colton Turner 1-28-2025  
Date

Reviewed by: Mark Savage 1-28-2025  
Date

TC PSTATS				PROJECT STATISTICS				PAGE	1	
				PROJECT	FINGRCRK			DATE	2/6/2025	
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
T2N	R5	17	00U1	00MC	117.00	39	190	S	W	
				TREES	ESTIMATED	PERCENT				
				PLOTS	TREES	PER PLOT	TREES	TREES		
TOTAL			39	190	4.9					
CRUISE			39	190	4.9	12,277	1.5			
DBH COUNT										
REFOREST										
COUNT										
BLANKS										
100 %										
STAND SUMMARY										
			SAMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET
			TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	CF/AC
DOUG FIR			161	72.7	20.4	127	36.6	165.1	36,168	7,652
DOUG FIR-S			9	5.4	17.7	81	2.2	9.2		
BL MAPLE			19	25.9	11.8	68	5.7	19.5	1,168	336
WHEMLOCK			1	1.0	14.0	65	0.3	1.0	67	23
TOTAL			190	104.9	18.5	109	45.4	194.9	37,403	8,011
CONFIDENCE LIMITS OF THE SAMPLE										
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR										
CL	68.1	COEFF	SAMPLE TREES - BF					# OF TREES REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DOUG FIR			63.6	5.0	687	724	760			
DOUG FIR-S										
BL MAPLE			217.2	51.2	50	103	155			
WHEMLOCK										
TOTAL			78.5	5.7	588	624	659	246	62	27
CL	68.1	COEFF	SAMPLE TREES - CF					# OF TREES REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DOUG FIR			56.1	4.4	143	149	156			
DOUG FIR-S										
BL MAPLE			218.3	51.4	15	31	47			
WHEMLOCK										
TOTAL			71.2	5.2	123	130	137	203	51	23
CL	68.1	COEFF	TREES/ACRE					# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DOUG FIR			58.5	9.4	66	73	80			
DOUG FIR-S			257.3	41.2	3	5	8			
BL MAPLE			252.2	40.3	15	26	36			
WHEMLOCK			624.5	99.9	0	1	2			
TOTAL			66.1	10.6	94	105	116	174	44	19
CL	68.1	COEFF	BASAL AREA/ACRE					# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DOUG FIR			39.0	6.2	155	165	175			
DOUG FIR-S			210.0	33.6	6	9	12			
BL MAPLE			215.1	34.4	13	19	26			
WHEMLOCK			624.5	99.9	0	1	2			
TOTAL			37.1	5.9	183	195	206	55	14	6
CL	68.1	COEFF	NET BF/ACRE					# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DOUG FIR			40.4	6.5	33,778	36,112	38,447			
DOUG FIR-S										
BL MAPLE			230.4	36.9	737	1,168	1,599			
WHEMLOCK			624.5	99.9	0	67	134			

TC PSTATS				PROJECT STATISTICS				PAGE	2	
				PROJECT	FINGRCRK			DATE	2/6/2025	
TWP	RGE	SC	TRACT	TYPE	ACRES		PLOTS	TREES	CuFt	BdFt
T2N	R5	17	00U1	00MC	117.00		39	190	S	W
CL	68.1		COEFF	NET BF/ACRE				# OF PLOTS REQ.		INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
TOTAL			38.1	6.1	35,068	37,347	39,627	58	15	6
CL	68.1		COEFF	NET CUFT FT/ACRE				# OF PLOTS REQ.		INF. POP.
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR			40.3	6.5	7,158	7,652	8,146			
DOUG FIR-S										
BL MAPLE			217.2	34.7	219	336	453			
WHEMLOCK			624.5	99.9	0	23	46			
TOTAL			37.3	6.0	7,533	8,011	8,489	56	14	6



TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																
<div>TT2N RR5W S17 Ty00MC</div> <div>117.00</div>				Project:		FINGRCRK										Page		1		
				Acres		117.00										Date		2/6/2025		
																Time		4:04:23PM		
Spp	So Gr T rt ad	% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent of Net Board Foot Volume								Average Log				Logs Per /Acre	
							Log Scale Dia.				Log Length				Ln Ft	Dia In	Bd Ft	CF/ Lf		
							4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99						
DF	CU														7	18		0.00	1.1	
DF	2M	72	.2	26,405	26,357	3,084			48	52				100	40	16	401	1.98	65.8	
DF	3M	25	.1	8,852	8,844	1,035		100			0	1	5	95	39	8	102	0.65	87.1	
DF	4M	3		912	912	107		100			34	61		4	21	6	25	0.33	35.8	
DF Totals		97	.2	36,168	36,112	4,225		27	35	38	1	2	1	96	36	10	190	1.13	189.8	
DF	S CU														30	9		0.00	10.5	
DF Totals															30	9		0.00	10.5	
BM	CU														6	7		0.00	26.3	
BM	CR	100		1,168	1,168	137		85	6	9	23	49	6	23	25	8	50	0.57	23.5	
BM Totals		3		1,168	1,168	137		85	6	9	23	49	6	23	15	7	23	0.46	49.8	
WH	3M	100		67	67	8		100						100	40	7	70	0.59	1.0	
WH Totals		0		67	67	8		100						100	40	7	70	0.59	1.0	
Totals			0.1	37,403	37,347	4,370		29	34	37	2	3	1	94	31	10	149	1.02	251.1	

TC		PSTNDSUM		Stand Table Summary										Page		1	
														Date:		2/6/2025	
<div>TT2N RR5W S17 Ty00MC117.00</div>					ProjectFINGRCRK					Time:					4:04:24PM		
					Acres117.00					Grown Year:							
S Sp	T	Sample		Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	T o t a l s				
		DBH	Trees	FF 16'				Av Ht	Net Cu.Ft.				Net Bd.Ft.	Tons	Cunits	MBF	
DF		10	2	86	85	3.761	2.05	3.76	12.8	60.0	1.37	48	226	160	56	26	
DF		11	3	88	105	4.662	3.08	9.32	10.1	46.7	2.69	95	435	315	111	51	
DF		12	2	89	109	2.612	2.05	5.22	13.5	60.0	2.01	71	313	235	83	37	
DF		13	1	89	99	1.113	1.03	2.23	14.6	60.0	.93	33	134	108	38	16	
DF		14	5	89	110	4.797	5.13	9.59	19.6	88.0	5.35	188	844	627	220	99	
DF		15	6	88	113	5.015	6.15	10.03	23.1	102.5	6.59	231	1,028	771	271	120	
DF		16	8	89	120	5.876	8.21	14.69	22.2	97.0	9.31	327	1,425	1,089	382	167	
DF		17	2	89	130	1.301	2.05	3.25	27.2	120.0	2.52	88	390	295	104	46	
DF		18	7	88	119	4.063	7.18	10.45	27.7	114.4	8.24	289	1,196	965	338	140	
DF		19	7	88	136	3.646	7.18	10.94	29.9	132.4	9.31	327	1,448	1,089	382	169	
DF		20	10	88	136	4.701	10.26	14.10	33.8	152.0	13.58	477	2,144	1,589	558	251	
DF		21	7	88	135	2.985	7.18	8.95	36.8	168.1	9.39	329	1,505	1,098	385	176	
DF		22	10	88	134	3.885	10.26	11.27	42.5	196.2	13.64	478	2,211	1,595	560	259	
DF		23	13	88	138	4.621	13.33	13.86	45.8	210.3	18.11	635	2,915	2,119	743	341	
DF		24	11	88	142	3.591	11.28	10.77	50.7	231.5	15.58	547	2,494	1,822	639	292	
DF		25	10	88	144	3.009	10.26	8.73	58.8	280.0	14.62	513	2,443	1,711	600	286	
DF		26	11	88	148	3.060	11.28	9.46	60.2	286.8	16.22	569	2,712	1,898	666	317	
DF		27	11	88	144	2.837	11.28	8.77	64.4	312.1	16.09	564	2,737	1,882	660	320	
DF		28	9	88	148	2.159	9.23	6.72	69.6	357.1	13.32	467	2,399	1,558	547	281	
DF		29	7	88	151	1.565	7.18	5.37	69.8	359.2	10.67	374	1,927	1,249	438	226	
DF		30	7	88	146	1.463	7.18	4.81	74.8	374.3	10.24	359	1,799	1,198	420	210	
DF		31	2	89	151	.391	2.05	1.17	92.8	486.7	3.11	109	571	363	127	67	
DF		32	4	87	139	.735	4.10	2.20	90.5	454.2	5.68	199	1,001	665	233	117	
DF		33	1	89	154	.173	1.03	.52	106.3	563.3	1.57	55	292	184	64	34	
DF		34	1	87	164	.163	1.03	.65	89.1	485.0	1.65	58	316	193	68	37	
DF		37	3	88	158	.412	3.08	1.51	110.1	600.0	4.74	166	907	555	195	106	
DF		38	1	87	157	.130	1.03	.39	139.3	770.0	1.55	54	301	181	64	35	
DF		Totals	161	88	127	72.727	165.13	188.74	40.5	191.3	218.08	7,652	36,112	25,516	8,953	4,225	
BM		9	2	81	63	4.643	2.05	2.32	6.2	30.0	.38	14	70	44	17	8	
BM		10	4	80	68	7.522	4.10	7.52	6.5	27.5	1.29	49	207	151	57	24	
BM		11	4	81	61	6.216	4.10	6.22	11.7	45.0	1.93	73	280	225	85	33	
BM		13	3	83	66	3.338	3.08	3.34	16.5	53.3	1.46	55	178	171	65	21	
BM		14	3	74	80	2.878	3.08	2.88	23.4	60.0	1.79	67	173	209	79	20	
BM		16	1	74	101	.735	1.03	.73	34.7	110.0	.68	25	81	79	30	9	
BM		21	1	73	107	.426	1.03	.43	47.5	170.0	.54	20	72	63	24	8	
BM		42	1	73	90	.107	1.03	.11	303.8	1010.0	.86	32	108	100	38	13	
BM		Totals	19	80	68	25.866	19.49	23.54	14.3	49.6	8.91	336	1,168	1,043	393	137	
WH		14	1	89	65	.959	1.03	.96	23.8	70.0	.73	23	67	85	27	8	
WH		Totals	1	89	65	.959	1.03	.96	23.8	70.0	.73	23	67	85	27	8	
DF S		12	1	88	80	1.306	1.03										
DF S		15	2	85	76	1.672	2.05										
DF S		18	1	86	110	.580	1.03										
DF S		21	2	87	72	.853	2.05										
DF S		22	1	88	97	.389	1.03										
DF S		23	1	84	60	.355	1.03										
DF S		29	1	87	81	.224	1.03										
DF S		Totals	9	86	81	5.378	9.23										
Totals			190	86	109	104.930	194.87	213.25	37.6	175.1	227.73	8,011	37,347	26,644	9,373	4,370	

TC		PLOGSTVB		Log Stock Table - MBF															
TT2N RR5W S17 Ty00MC 117.00						Project: FINGRCRK		Page 1											
						Acres 117.00		Date 2/6/2025											
								Time 4:04:22PM											
Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches										
									2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39
DF		2M	40		3,089		3,084	73.0					495	632	1208	623	125		
DF		3M	20		1		1	.0				1							
DF		3M	22		1		1	.0				1							
DF		3M	28		3		3	.1			3								
DF		3M	30		3		3	.1			1	1							
DF		3M	32		13		13	.3			12	2							
DF		3M	34		34		34	.8			32	2							
DF		3M	36		25		25	.6			25								
DF		3M	38		30		30	.7			28	2							
DF		3M	40		927		926	21.9			172	268	486						
DF		4M	12		7		7	.2			6	0							
DF		4M	14		11		11	.3			11	0							
DF		4M	16		4		4	.1			4								
DF		4M	18		5		5	.1			5								
DF		4M	20		9		9	.2			9								
DF		4M	22		23		23	.5			23								
DF		4M	24		12		12	.3			12								
DF		4M	26		8		8	.2			8								
DF		4M	28		9		9	.2			9								
DF		4M	30		14		14	.3			14								
DF		4M	38		5		5	.1			5								
DF		Totals			4,232		4,225	96.7			378	277	486	495	632	1208	623	125	
BM		CR	16		7		7	4.8			7								
BM		CR	18		5		5	4.0			5								
BM		CR	20		19		19	13.9			8	11							
BM		CR	24		16		16	11.5			7			8					
BM		CR	26		18		18	12.9			18								
BM		CR	30		33		33	24.2			9	15	9						
BM		CR	35		8		8	5.7			8								
BM		CR	36		11		11	8.0			11								
BM		CR	40		20		20	15.0			8						13		
BM		Totals			137		137	3.1			81	25	9		8		13		
WH		3M	40		8		8	100.0			8								
WH		Totals			8		8	.2			8								
Total		All Species			4,376		4,370	100.0			467	302	496	495	640	1208	623	137	

**Volume Summary**  
(Shown in MBF)  
**Finger Creek**  
**FG-341-2025-W01017-01**  
**February 2025**

**UNIT 1: Clearcut (117 Acres)**

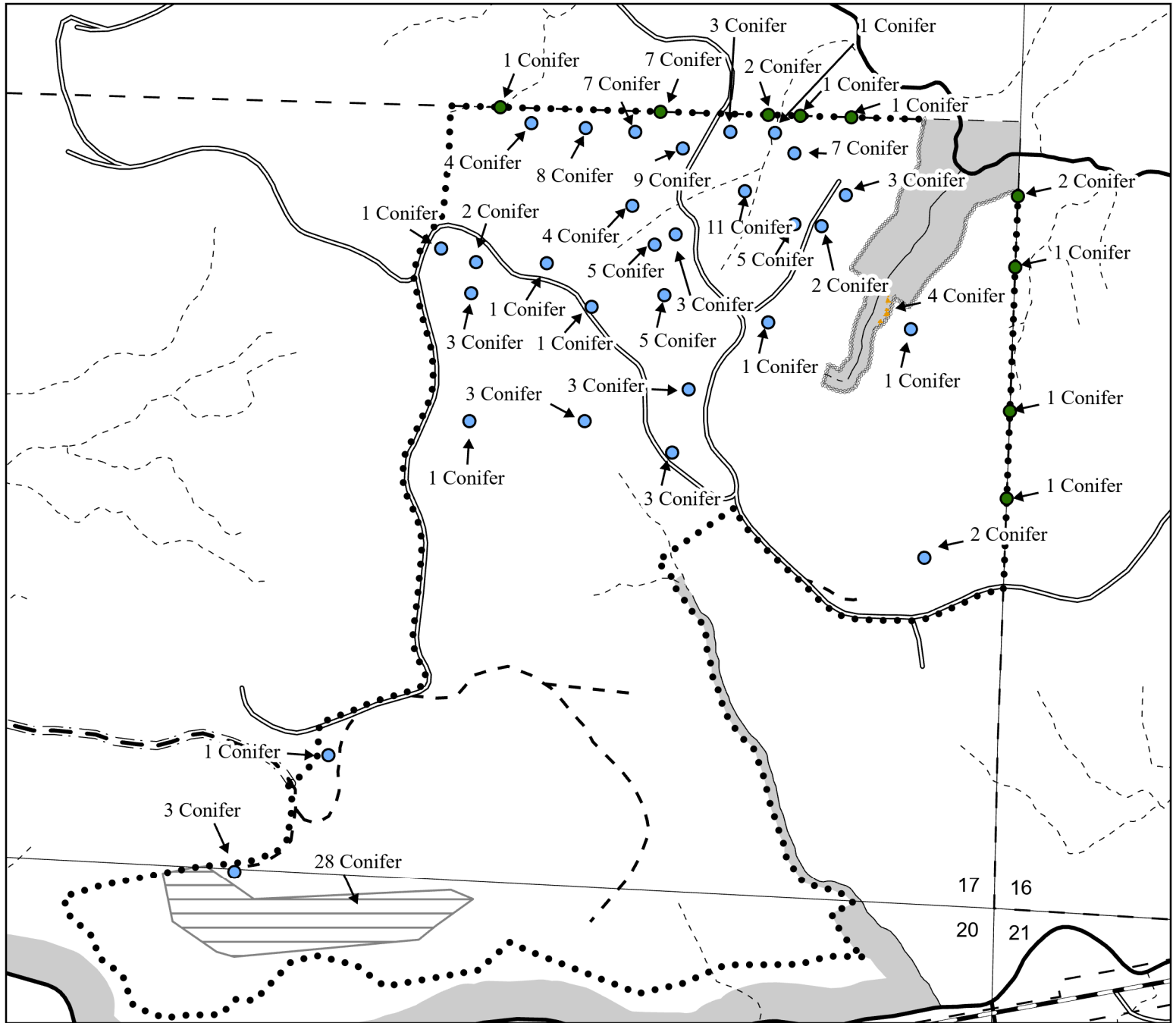
SPECIES		2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	Cruise Volume	3,084	1,035	107	0	4,226
	Hidden D&B (2%)	(62)	(21)	(2)	(0)	(85)
	<b>NET TOTAL</b>	3,022	1,014	105	0	4,141
	% of Total	73	24	3	0	
Western Hemlock	Cruise Volume	0	8	0	0	8
	Hidden D&B (2%)	(0)	(0)	(0)	(0)	(0)
	<b>NET TOTAL</b>	0	8	0	0	8
	% of Total	0	100	0	0	

**UNIT 2: Right-of-Way (1 Acre)**

SPECIES		2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	Cruise Volume	31	10	1	0	42
	Hidden D&B (2%)	(1)	(0)	(0)	0	(1)
	<b>NET TOTAL</b>	30	10	1	0	41
	% of Total	74	24	2	0	

**SALE TOTAL**

SPECIES	2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	3,052	1,024	106	0	4,182
Western Hemlock	0	8	0	0	8
Total	3,052	1,032	106	0	4,190



# Legend

- Timber Sale Boundary
- Posted Stream Buffer Boundary
- ODF Ownership Boundary
- ✂ GTRA Inner Gorge
- Wildlife Tree
- Green Tree
- Paved Road
- Surfaced Road
- - - New Construction Road
- Posted Right-of-Way Boundary
- Type-F Stream
- Type-N Stream Perennial
- - - Type-N Stream Seasonal
- Unposted Mid-Slope Retention Area
- Stream Buffer
- Section Lines

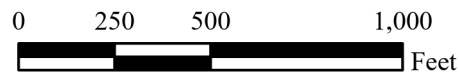
## WILDLIFE TREE MAP

FOR TIMBER SALE CONTRACT #FG-341-2025-W01017-01  
FINGER CREEK  
PORTIONS OF SECTIONS 17 & 20, T2N, R5W, W.M  
WASHINGTON COUNTY, OREGON

Forest Grove District GIS  
January, 2025

This product is for informational use and may not be  
suitable for legal, engineering, or surveying purposes.

1:6,000  
1 inch = 1,200 feet



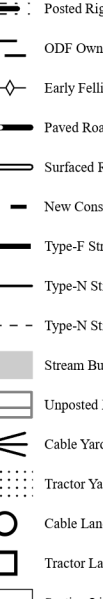
### APROXIMATE NET ACRES

UNIT 1	117 ACRES (CC)
UNIT 2	1 ACRE (R/W)

TOTAL	118 ACRES
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Wild Life Trees							
Acres	Wild Life Trees	Green Trees	Inner Gorge Trees	Mid Slope Area Trees	Purchaser Select Green Trees	Purchaser Select Snags	TPA
118	103	17	4	28	90	240	4.1

### Legend

- 
- Legend:
- Timber Sale Boundary
  - Posted Stream Buffer Boundary
  - Posted Right-of-Way Boundary
  - ODF Ownership Boundary
  - Early Felling Line
  - Paved Road
  - Surfaced Road
  - New Construction Road
  - Type-F Stream
  - Type-N Stream Perennial
  - Type-N Stream Seasonal
  - Stream Buffer
  - Unposted Mid-Slope Retention Area
  - Cable Yarding Area
  - Tractor Yarding Area
  - Cable Landing
  - Tractor Landing
  - Section Lines
  - 40 Foot Contour Bands
  - 200 Foot Contour Bands

## LOGGING PLAN

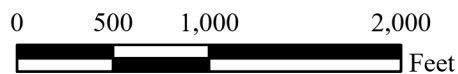
FOR TIMBER SALE CONTRACT #FG-341-2025-W01017-01  
FINGER CREEK  
PORTIONS OF SECTIONS 17 & 20, T2N, R5W, W.M  
WASHINGTON COUNTY, OREGON

Forest Grove District GIS  
February, 2025

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1:12,000

1 inch = 12,000 feet



	TRACTOR	CABLE
UNIT 1	55	62
UNIT 2	1	0
TOTAL	56	62