

Pre-Operations Report

Operation Name: Cronin Too

County (%): Clatsop (100%)

Elevation: 577 - 2,061 ft

Legal Description: T4N R7W, Section(s) 29, 31, 32, 33

Tax Code(s): 8-01

BOF%: 100 **CSL%:** 0

Sale Quarter: 2

I. VOLUME AND VALUE SUMMARY

Table 1. Types, Acres, and Value

Unit	Harvest Type	Anticipated Product ^c	Gross Acres	Net Acres	MBF/ Acre ^a	MBF/ Unit ^a	\$/MBF ^b	\$/Unit
226	CC	DF-M, RA-S	92	78	22.0	1,716	\$300	\$514,800
227	CC	RA-S, WH-M	106	89	22.0	1,958	\$300	\$587,400
609	CC	RA-S, DF-M	114	94	22.0	2,068	\$300	\$620,400
Total		Regeneration	313	261		5,742		
		Partial Cut						
						Gross Value		\$1,722,600
a. Estimated harvest volume per acre for Unit.						Project Costs		\$470,380
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$1,252,220
c. Anticipated Product (AA-B-C) – AA) SLI species code of the bid species, B) Size Class (S – small [average DBH < 15], M – medium [average DBH 15 to 23], L – large (average DBH > 23]), C) Special Product (P – Premium, H – Hardwood)								

II. CURRENT STAND CONDITION:

Table 2. Stand Inventory Information

Unit	Stand ID	Measured/Imputed ^a	Species	Age	TPA	DBH	BA	SDI	Net Acres ^b
226	30380	M	DF,WH	10	--	--	--	0%	3
226	36355	I = 37155	DF,RA	63	194	14	195	53%	14
226	36356	M	DF,RA	63	115	16	152	39%	61
227	32698	I = 30990	DF,WH	84	104	18	177	43%	34
227	36354	M	RA,WH	84	239	14	255	68%	55
609	30310	M	DF,WH	10	--	--	--	0%	2
609	36327	M	RA,DF	80	196	13	192	52%	54
609	36331	I = 36332	DF,RA	80	147	15	176	46%	26

a. Identify the source of stand inventory information. Use the following codes: M = Measured SLI data, I = Imputed SLI data, P = Pre-Cruise Plots, O = other (if other, describe below).

b. Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total "Net Acres" per unit in this table may not equal the total "Net Acres" per unit in table 1.

- These stands were planted, and a portion of Unit 227 was retention cut in 2003. The remaining stands have no record of pre-commercial or commercial thinning.
- The younger trees listed for stand 30380 in Unit 226, and stand 30310 in Unit 609, reflect the small strips of areas adjacent to the roads that were harvested with previous timber sales. These areas are included with the sale boundaries because they will be yarded through during harvest, however, the younger trees within them will not be targeted with this harvest.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
226	30380	0	770	--	--	--
226	36355	12	44	--	--	--
226	36356	8	69	--	--	--
227	32698	10	129	--	--	--
227	36354	8	196	--	--	--
609	30310	0	770	--	--	--
609	36327	8	50	--	--	--
609	36331	12	101	--	--	--

a. Identify the number of hard snags per acre (decay classes 1 and 2)

b. Identify the cubic feet per acre of hard down wood (decay classes 1 and 2)

c. Describe “Other” forest health issue.

III. WILDLIFE AND T&E SPECIES CONSIDERATIONS:

Foresters need to request the Biological Survey Tracking Form (BSTF) from the ODF Wildlife Biologist prior to sale layout in order to ensure all T&E related information is complete and understood.

1. A portion of the operation is within (Check all that apply):
☐ TAS ☐ NSO Circle or Home Range, or Baseline or Elevated Baseline Thiessen (BA required)
☐ MMMA (BA required) ☒ None
2. Are Surveys for NSO being conducted for any portion of this operation?
☐ No ☒ Density Surveys ☐ Operational Surveys ☐ Combination (Density/Operational)

Notes:

3. Are Surveys for MM being conducted for any portion of this operation?
☒ Yes (in progress/completed) ☐ No (Not habitat) ☐ N/A (outside of MM survey zone)

Notes: Units 609 was partially surveyed in 2023 and 2024. An addition to Unit 609 triggered additional surveys and was surveyed in 2024 and 2025. A 04/01/2030 survey expiration date applies to all of Unit 609.

4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹])?
☐ No ☒ Yes, please describe: ORBIC reports observations of Flett's groundsel (*Packera flettii*) and rosy lewisia (*Levisia columbiana* variety *rupicola*) in the vicinity of all sale units on open rocky and talus slopes.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future ^b	Inside of HCA	Net Acres ^a
226	30380	REG	GEN	No	3
226	36355	UDS	GEN	No	14
226	36356	UDS	GEN	No	61
227	32698	LYR	GEN	No	34
227	36354	UDS	GEN	No	55
609	30310	REG	GEN	No	2
609	36327	UDS	GEN	No	54
609	36331	UDS	GEN	No	26

- a. Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total “Net Acres” per unit in this table may not equal the total “Net Acres” per unit in table 1.
- b. While desired future condition complex (Layered -LYR and Older Forest Structure – OFS) is mapped, targets for Regeneration, Closed Single Canopy and Understory stands are not. These stand types are typically referred to as General (GEN) when discussing desired future condition.

- The 3 acres of REG in Unit 226 and the 2 acres in Unit 609 represent small strips adjacent to the road that were harvested with the previous adjacent timber harvest. These areas will be yarded through with this timber harvest.

Table 5. Partial Cut & HCA Prescriptions

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
609	CC	DF, RA	--	--	--	--

- Prescription Considerations:**
 - A small portion of 609 is located in a Habitat Conservation area and is predominately a Douglas-fir stand that is infected with Swiss Needle Cast. This stand will be regeneration harvested to remove the majority of the Swiss Needle Cast infested Douglas fir while retaining the largest trees available, those individual Douglas-fir that are growing well, and tree species that are resistant to Swiss needle cast. Red alder will be evaluated during layout and if any sprayed alder is identified it will likely be removed. This area will be replanted with a mix of SNC resistant species and will highlight planting at lower densities to promote complex patches of early seral stage forest resulting in a stand that is positioned for future habitat treatments to grow into habitat for covered species in an accelerated timeframe. Treatments are intended to improve spatial heterogeneity, compositional diversity, understory development, canopy layering, and structural complexity of dominant and subdominant cohorts relative to untreated stands with similar conditions. Field staff and ODF Wildlife biologists will work closely during sale layout to determine legacy components (species, size, location, etc.) when finalizing prescriptions in these areas.
- Leave Tree Considerations:** Foresters will work with wildlife biologist during sale layout. The following should be considered when determining final leave tree arrangements.
 - Geotechnical:** Additional wind firm leave trees will be concentrated around the No Harvest Areas within the sale shown on the Exhibit A map. Foresters will evaluate stand and topographic conditions to determine sites appropriate for these buffer areas.

- **Stand Characteristics:** Prioritize minor species and larger diameter trees as part of the retention strategy.
- **Reforestation Considerations:** Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
226	100	0	>65	Established	All Weather
227	100	0	35-65	Verified	Combo
609	100	0	35-65	Simple	Combo

1. Haul Route: North Fork Cronin Creek Rd., 100 Line, 4-7 Ridge Road, Spruce Run Road, Quartz Creek Road. Haul route for Unit 609 will be determined based on road use permits with Weyerhaeuser and Stimson.
 - This sale is behind locked gates.
2. Haul Route Condition:
 - A project is planned for replacement rock and maintenance needs. Interior working spurs will be assessed during sale layout to determine if more extensive road maintenance is needed.
 - North Fork Cronin Creek Road, 100 Line and Quartz Creek Road were improved with the FY 2022 Four DB Cronin timber sale. Projects on these roads will be minimized.
 - 4-7 Ridge Road and Spruce Run Road are on private land owned by Weyerhaeuser Timber Holdings and Stimson Lumber Company. Improvements will need to be negotiated with the road use permit described below.
 - Unit 226 is accessed over Weyerhaeuser Timber Holdings and improvements will need to be negotiated with the road use permit described below.
3. Are easements required for the haul route? ☐ No ☒ Yes
 - A road use permit is needed from Weyerhaeuser and Stimson for use of 4-7 Ridge Road and Spruce Run Road to access Unit 609 and over existing Weyerhaeuser Roads to access Unit 226.
 - Portions of Spruce Run Road, Quartz Creek Road, North Fork Cronin Creek Road, and 100 Road. Easement (#311.37080) dated October 31, 1979, by and between the State of Oregon, Board of Forestry, Ruth Realty Company, and Burling Northern Inc., as amended November 25, 1986. This Easement requires maintenance, insurance, and notification to the landowner not less than 15 days prior to commencement of use with approximate dates of use, approximate volumes of haul, and notification of completion of use. Current landowner: Weyerhaeuser Timber Holdings, Inc.

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.5	1.0
Improve, Rock, and/or Maintain	0	6.1	3.4	0
Vacate	0	0	1.4	0

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Stream Crossings to install existing (IE)/replace (R)/ new construction (NC)				
Type F - SSBT ^a	0	0	0	0
Type F – Non-SSBT	0	0	0	0
Type N	0	0	0	0

a. Salmon Steelhead and Bull Trout (SSBT)

- New roads into the western portion of Unit 609 will re-open old road grades, be unsurfaced and seasonal use. This will minimize road improvements on 4-7 Ridge Road.
 - The Northwest portion of new road construction to access Unit 609 will be all weather. Improvements on this section of 4-7 Ridge Road and Spruce Run Road are more recent.
 - Improvements on Spruce Run Road and North Fork Cronin Creek Road will be determined based upon the haul route for Unit 609 and easement negotiations.
 - Improvements on the ODF portion of the road accessing Unit 226 may require drilling and shooting to improve road width and establish landing locations.
 - A road may be constructed South of Unit 227 to establish cable landing locations. Other areas of Unit 227 will be accessed by dirt spurs or jump up landings along the Cronin Road.
 - An old road grade in Unit 226 will be evaluated for road vacating.
4. Rock Sources for this operation: On site pit-run, crush rock at the Sterling Quarry, and Astoria district crushed rock stockpiles.
5. Are property line surveys required for this operation? ☐ No ☒ Yes
- All the units have property lines and will have to be checked for blazes/markers and surveys.
 - The northern line of area 609 was posted by George Ford in 2002 per Clatsop County Survey B-11388. A cutting line agreement will be needed on this line with Weyerhaeuser.
 - The eastern lines of areas 226 & 227 were posted by George Ford in 2008 per Clatsop County Survey B-12348. This line is being surveyed and posted in Winter 2025.
6. Is there planned new road construction planned within RCAs/HCA's? ☒ No ☐ Yes

VI. AQUATIC RESOURCES:

1. Do any streams require additional review for the following?
- Fish presence: ☒ No ☐ Yes
 - Perennial/Seasonal: ☐ No ☒ Yes
 - H.E.R.: ☐ No ☒ Yes
 - There are streams within the sale that require additional review. Buffers shown on the map indicate where it is believed streams are located. These streams will be located, verified for permanence, and/or type of seasonal stream during sale layout and Geotech review and buffered as required.
2. Is a portion of the operation within an Aquatic Anchor? ☒ No ☐ Yes, name:
3. Are any domestic points of diversion identified in the Oregon Water Resource Department's water rights information search GIS database located downstream within 3,000 feet of the harvest operation?
- ☒ No ☐ Yes, describe protection measures:

4. Is there any unregistered or unknown status domestic points of diversion that have been identified within the harvest operation? ☒ No ☐ Yes, please describe:
5. Is there a Stream Enhancement Project planned? ☒ No ☐ Yes, please describe:

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete	Public Safety Review Complete	Additional Comment
226	No	Yes	
227	No	Yes	
609	No	Yes	See road comment

- **Geotech Review:** Initial geotechnical reviews have been completed, and slope protections have been incorporated into No Harvest buffers shown on the map. Some slope protections are dependent on stream surveys that have not yet been completed. Consultation with the Geotechnical Specialist is required during sale layout and as streams surveys are completed in order to determine if additional protections are required.

VIII. RECREATION RESOURCES:

1. Recreation issues/coordination: ☒ No ☐ Yes, please describe:

IX. HISTORIC AND CULTURAL RESOURCES:

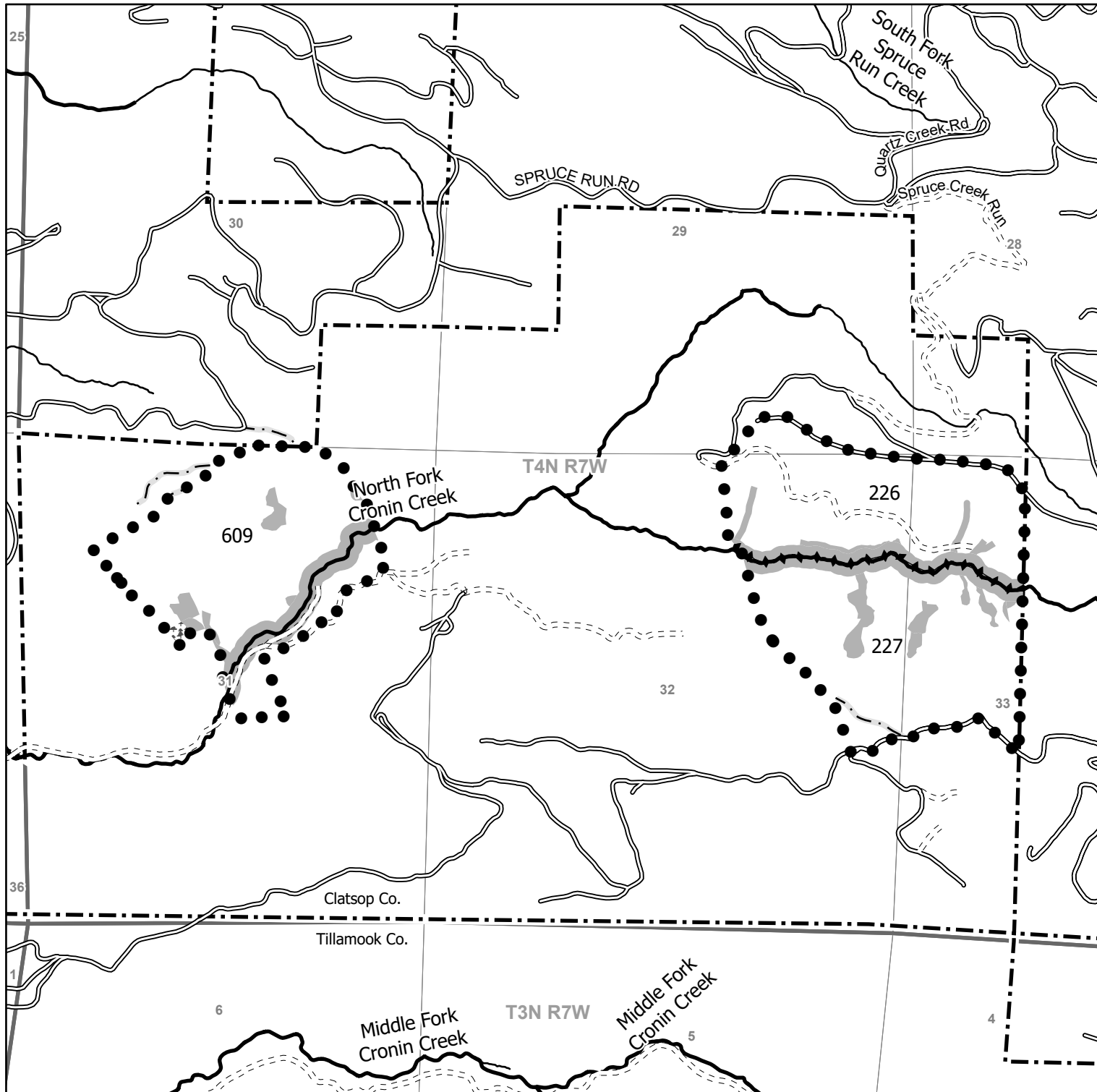
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☐ No ☒ Yes

X. SCENIC RESOURCES:

1. Are there scenic resources in the vicinity of this operation that need additional consideration? ☒ No ☐ Yes, please describe:

XI. OTHER RESOURCE CONSIDERATIONS:

1. Has a review of the FLMCS layer determined that any resources not mentioned in the report above need additional planning? ☒ No ☐ Yes, please describe:
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:
 - **Unit Size:** Units 226 and 227 combined together exceed 120 acres. After stream buffers are posted it will be determined if there is at least 300 feet of buffer between these Units. If the 300 foot minimum buffer between units is not met, then modifications will be made to either the sale boundaries or the stream buffers to ensure compliance with the FPA.
 - **Adjacent Landowners (shared property lines):**
 - District staff will work with adjacent private landowners to determine what additional outreach is needed during the sale process and if any additional restrictions are needed.



Legend

- ◆◆ Unit Boundary
- Sale Boundary
- Surfaced
- - - Unsurfaced
- Ownership Boundary
- Perennial Fish
- Perennial Non-Fish
- - - New Road Construction
- 🌲 No Harvest - Green Tree Retention
- No Harvest Area
- No Harvest - Existing Road; New Construction

FY 2026 - Tillamook District Cronin Too Portions of Section(s) 29, 31, 32, 33 T4N, R7W W.M. Clatsop & Tillamook Counties

State Forest Division
02/25/2025

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey purposes. Variations may exist between and among data sets in use by the Department of Forestry. This map was developed using the Statewide

Flow Line layer layer.

1:18,000

1,000 500 0 1,000 Feet



Unit 226	78 Acres (CC)
Unit 227	89 Acres (CC)
Unit 609	94 Acres (CC)

Total 261 Acres

