Pre-Operations Report

Operation Name: Double Decker
County (%): Tillamook (100%)
Elevation: 896 - 2,143 ft
Legal Description: T2S R7W, Section(s) 5, 8, 9

Tax Code(s): 901
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
645	CC	DF-S, RA-S	135	98	33.0	3,234	$390	$1,261,260
647	CC	DF-M, RA-M	122	114	33.0	3,762	$390	$1,467,180
Total		Regeneration	257	211		6,996		
		Partial Cut	0	0		0		
						Gross Value		$2,728,440
a. Estimated harvest volume per acre for Unit.						Project Costs		$339,360
b. Estimated 'price' (excluding Project Costs)						Net Value		$2,389,080
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]
645	31677	M	RA,DF	62	217	14	235	63%	2
645	31678	M	DF,RA	57	128	17	204	50%	22
645	31680	I = 31518	DF,RA	57	115	17	178	44%	19
645	31681	I = 31738	DF,RA	57	187	15	225	59%	48
645	31689	I = 37095	DF,RA	57	143	17	224	56%	7
647	31605	I = 35526	DF,RA	57	108	18	189	46%	22
647	31669	I = 31678	DF,RA	57	128	17	204	50%	2
647	31679	M	DF,RA	57	50	21	125	28%	39
647	35449	I = 35444	DF,RA	56	168	14	189	50%	7
647	35450	I = 32500	DF,RA	57	111	16	160	40%	42

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 portions of both sale areas were commercially thinned in 2001.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre[a]	Down Wood/ Acre[b]	Forest Health		
				SNC	Phellinus	Other[c]
645	31677	17	210	Yes	--	Scotch Broom

645	31678	16	764	Yes	--	Scotch Broom
645	31680	12	677	Yes	--	Scotch Broom
645	31681	13	193	Yes	--	Scotch Broom
645	31689	12	93	Yes	--	Scotch Broom
647	31605	16	116	Yes	--	Scotch Broom
647	31669	16	764	Yes	--	Scotch Broom
647	31679	15	49	Yes	--	Scotch Broom
647	35449	10	599	Yes	--	Scotch Broom
647	35450	21	110	Yes	--	Scotch Broom

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: Surveys started in 2025 and are continuing in 2026 for Unit 647. These surveys will expire on 04/01/2032.
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:
4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant?
   ☒ No ☐ Yes, please describe:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future[b]	Net Acres[a]	Inside of HCA Acres
645	31677	UDS	GEN	2	0
645	31678	UDS	GEN	22	0
645	31680	UDS	GEN	19	0
645	31681	UDS	GEN	48	0
645	31689	UDS	GEN	7	0
647	31605	UDS	GEN	22	0
647	31669	UDS	GEN	2	0
647	31679	UDS	GEN	39	0

Unit	Stand ID	Current	Desired Future[b]	Net Acres[a]	Inside of HCA Acres
647	35449	UDS	GEN	7	0
647	35450	UDS	GEN	42	0

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.

Table 5. Harvest Prescriptions

Unit	Harvest Type	Harvest Species	Residual (Partial Cut & HCA only)			
			Species	TPA	BA	% SDI
All	CC	DF, RA	--	--	--	--

- **Leave Tree Considerations:** Foresters will work with Wildlife Biologist during sale layout. The following should be considered when determining final leave tree arrangements.
    - Stand Characteristics: Prioritize larger diameter trees within each unit as part of the retention strategy.

Table 6. Reforestation

Unit	Planting Species Mix (%)*	TPA*	Considerations (ex. Elevation, SNC, Aspect, Animal Damage)
645	80 DF / 20 WH	360	
647	80 DF / 20 WH	400	May mix in some Noble or Grand fir if available.

*These are estimates for planning purposes and will be adjusted as needed based on site conditions during implementation.

- **Reforestation Considerations:**
    - Terrain on both units looks mild which should provide good soils for establishing trees.
    - Both units have South and Southwest aspects so they will receive healthy amounts of DF
    - Unit 647 is the top of a ridgeline which leaves a small chance of wind or freeze damage to newly planted seedlings.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 7. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
645	100	0	38	Verified	All Weather
647	100	0	27	Established	All Weather

1. Haul Route: Toll Road.
2. Haul Route Condition: Haul route is in excellent shape with a lift of crushed rock being applied last year and being maintained with the Schmeagle Hill timber sale.

3. Are easements required for the haul route? ☒ No ☐ Yes

Table 8. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	2.08	0
Improve, Rock, and/or Maintain	0	4.33	0	0
Vacate	0	0	0	0
Stream Crossings: install on existing road (IE)/replace on existing road (R)/install on new construction road (NC)				
Type F - SSBT[a]	0	0	0	0
Type F – Non-SSBT	0	0	0	0
Type N	0	0	2 (NC)	0

a. Salmon Steelhead and Bull Trout (SSBT)

- Opportunities to vacate or block new or existing roads and/or spurs will be considered during sale layout.

4. Rock Sources for this operation: 4-mile Pit, 5-mile Pit, Crushed stockpile.

5. Are property line surveys required for this operation? ☒ No ☐ Yes

6. Is there planned new road construction planned within RCAs/HCAs? ☐ 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: E. Fk. Of the S. Fk. Trask River

   - Within the designated Aquatic Anchor streams will be buffered in accordance with strategies in the draft Habitat Conservation Plan that prioritize salmonid recovery as outlined in the State Forest Division Species of Concern Policy. These additional buffers are already incorporated into the sale buffers and are shown on the map. If additional information on streams is found during sale layout the buffers will be adjusted as required.

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. Are 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 9. Summary of Slope Stability Assessment

Unit	Harvest Review Complete	Public Safety Review Complete
645	Y	Y
647	Y	Y

- **Geotech Review:** Initial geotechnical reviews have been completed and those findings have been incorporated into No Harvest buffers. Additional consultation with Geotechnical Specialists will be done during sale layout as needed.

VIII.RECREATION RESOURCES:

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

- Segments of Eagle Hill, Toll Rd., and Toll Ridge Trails are impacted by sale. The Marketing Unit and Roads Unit will work closely with the Recreation Program during sale layout, contract writing, and sale administration to minimize impact to the recreational trails and mitigate public use safety concerns.
- The recreation trails will be temporarily closed when safety hazards are present during timber sale activity and re-opened once sale activity is completed or when safe to do so. Trail segments impacted by road construction will be evaluated for re-route construction post timber harvest.
- The Recreation Program may perform maintenance upgrades to improve sustainability and improve hydrological disconnection during closure to minimize impact to the public.

IX. HISTORIC AND CULTURAL RESOURCES:

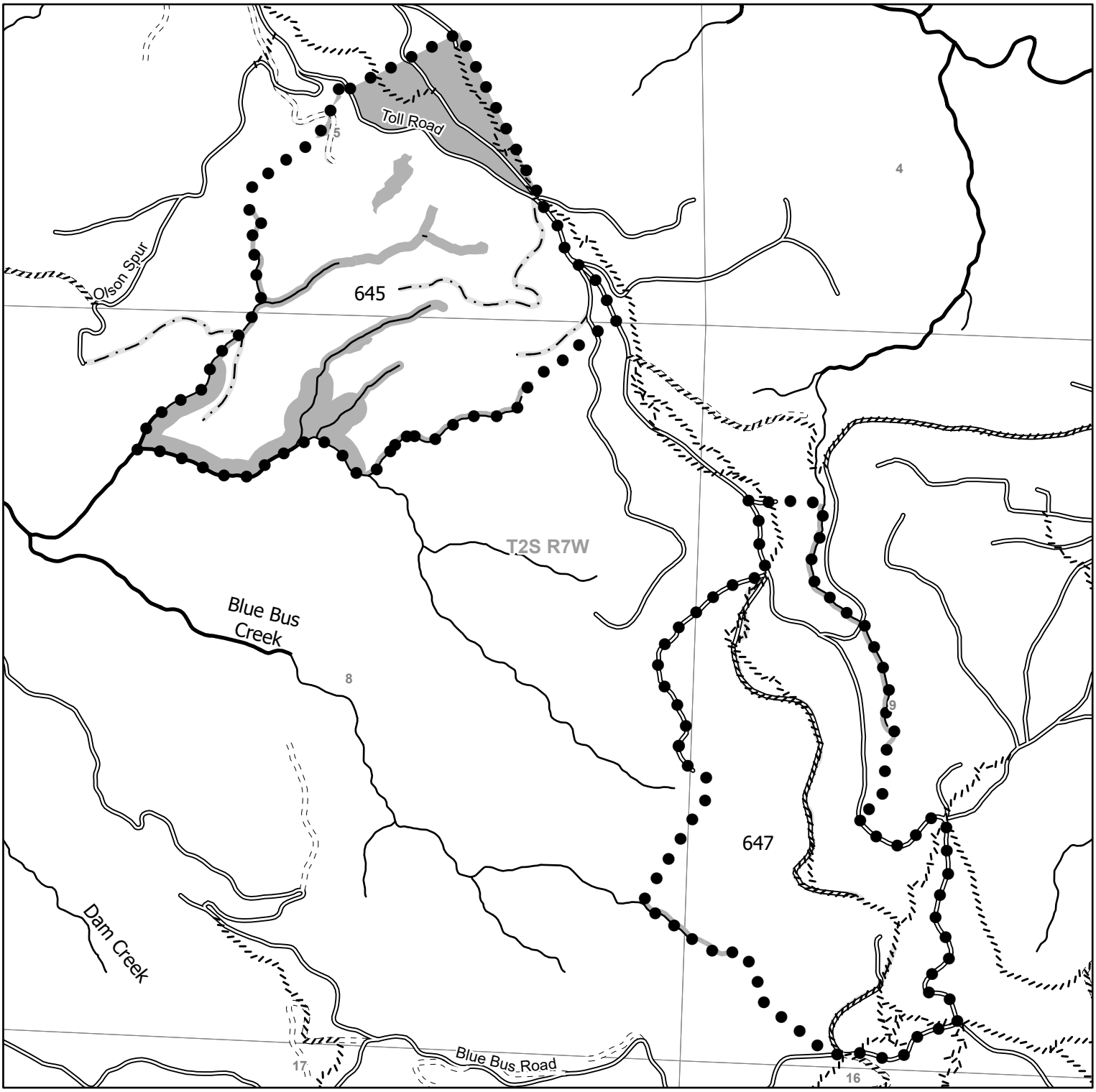
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☐ No ☒Yes

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:



Legend

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

FY 2027 - Tillamook District
Double Decker
Portions of Section(s) 5, 8, 9, T2S, R7W, W.M.
Tillamook County

State Forest Division
12/10/2025

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.

1:12,000

1,000 500 0 1,000 Feet

Unit 645 98 Acres (CC)
Unit 647 114 Acres (CC)

Total 211 Acres

N