

An aerial photograph of a vast, dense forest. The trees are mostly green, with some showing early autumn colors. A winding road or path is visible through the forest, curving from the left towards the center. The overall scene is a lush, green landscape.

2024 BEAR CREEK WATERSHED FOREST OPERATIONS

1/16/2024

Ben Hayes

Springboard Forestry LLC

2023 SUMMARY

- Road Maintenance (re-surfaced .3 miles and re-opened 2 spur roads)
- Forest Harvest Project (completed on time and on budget)
- Tree Planting (completed)
- Pre-Commercial Thinning (completed 77 acres)

2024 OPERATIONS

- Road Maintenance / Spur construction
- Forest Harvest Project
- Carbon Project
- Forest Stewardship Council Certification
- Spur 12/I Bridge and Mitigation

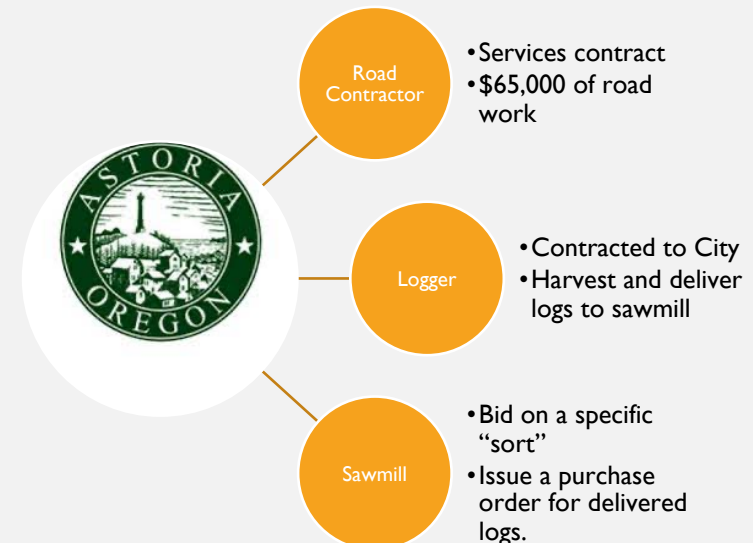
ROAD MAINTENANCE

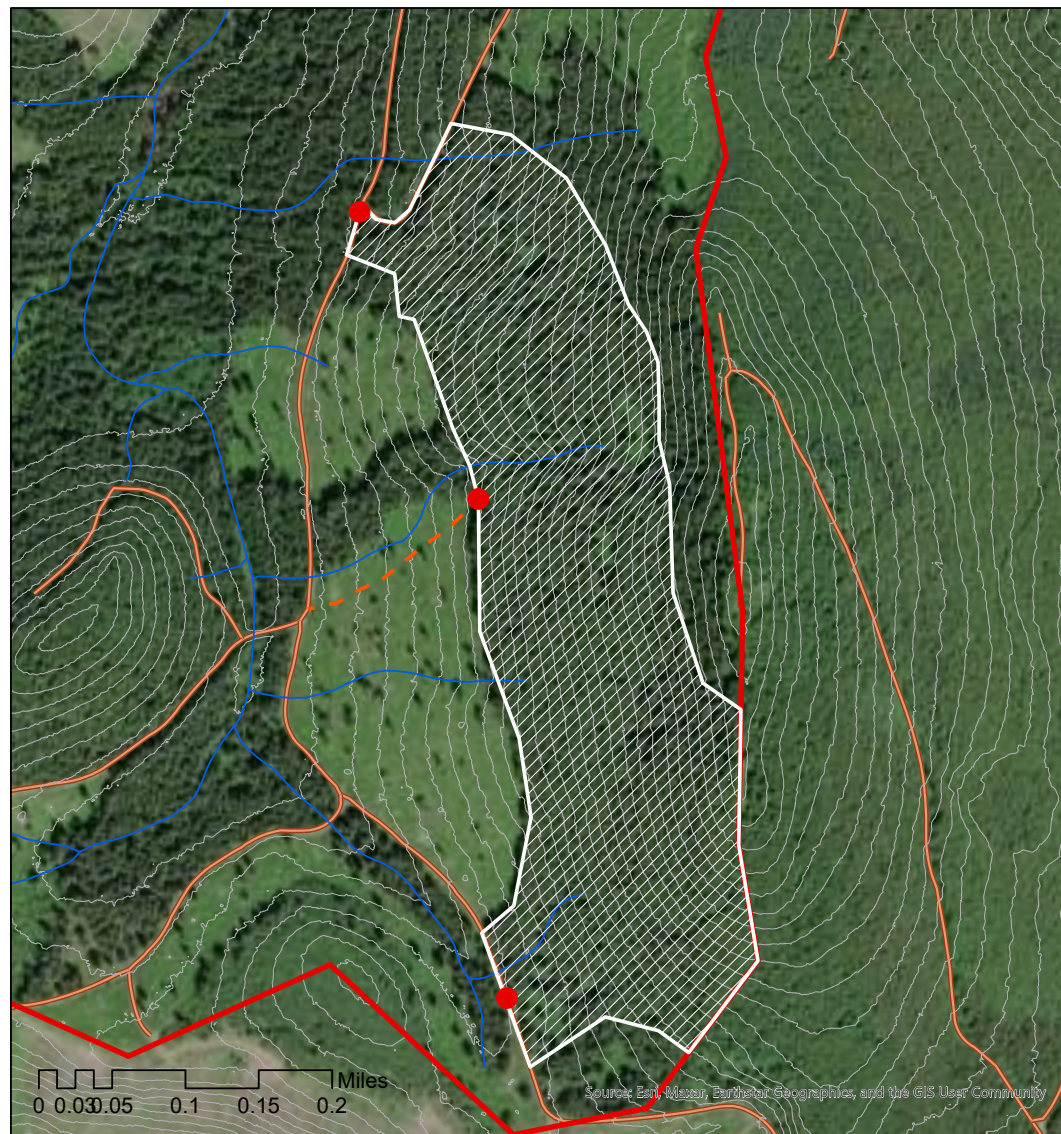
- Consists of maintaining, decommissioning, and re-building existing roads.
- These activities are associated with the annual harvest project.
- Annual budget of \$35,000 was spent in 2023, anticipating \$65,000 in 2024.
- Road maintenance is essential for both property access, and to decrease sediment runoff into streams.
- The new Forest Practices Act (in effect Jan 1) will increase our responsibilities and cost for road maintenance in the short term (3-5 years).



FOREST HARVEST

- Planned 56-acre harvest unit.
- All "Variable Retention"
- Includes construction of a temporary spur.
- 150' + stream buffers
- Planned for June – October 2024
- Estimated proceeds to the City: \$450,000
- New "Sort Sale" structure





- Landings
- - - New Spur
- ODF_roads
- Watershed Streams
- Watershed
- Tippy Top
- Contour_be_46121

Tippy Top Timber Sale

Variable Retention Harvest 56 Acres
Retain all painted trees plus all
Pacific Silver Fir, Western Red
Cedar and Sitka Spruce.



PRE-COMMERCIAL THINNING

- Pre-commercial thinning is done by hand-crews with chainsaws.
- All material is left on site, nothing is sold.
- The cost of the treatment is \$250-400 per acre, depending on the site.
- Thinning removed 30-50% of trees, re-allocating energy to the trees that we retain.
- This improves individual tree vigor and overall forest health.
- Completed 77 acres working with Ramirez Reforestation.



CARBON PROJECT

- Carbon project was completed in 2015, and will last for 40+ years.
- Re-verification took place in 2020, with additional carbon credits sold.
- The carbon project compares our management to “business as usual” and quantifies the “additionality” – or how much carbon the forest stores above the baseline.
- All initial “additionality” has been sold, now we just quantify and sell the growth.
- Growth = 3-4x Harvest
- Re-verification can occur every 5 years, which is when credits would be sold.
- In interim years, the City completes an attestation.



FOREST STEWARDSHIP COUNCIL CERTIFICATION

- Forest Stewardship Council certification verifies compliance with 9 principles
- Bear Creek Watershed is part of a “group certificate”
- Annual desk audit and compliance reporting
- Periodic site visit and internal audit
- Periodic inclusion in group full audit
- Impacts:
 - Smaller clearcut size
 - Increase tree retention in harvests
 - Social and economic metrics



SPUR 12 / I BRIDGE AND MITIGATION

- Initial “trigger” action was a collapsed road crossing on spur 12 in 2021
- Road crossing was repaired under ODFW emergency authorization, requiring future mitigation.
- Preliminary proposal spring 2022
- Draft plans and Waiver Application Feb. 2023
- Spur I mitigation site did not meet ODF requirements.
- Current negotiations with ODFW to determine alternate options



QUESTIONS

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