Common School Forest Land Annual Report

FISCAL YEAR 2021

Prepared by the Oregon Department of Forestry
February 2021
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Annual Report Located at:
https://www.oregon.gov/ODF/Pages/Reports.aspx
Executive Summary

DATE: February 8, 2021

TO: Governor Kate Brown
Secretary of State Shemia Fagan
State Treasurer Tobias Read

FROM: Cal Mukumoto, Oregon State Forester

SUBJECT: Fiscal Year 2021 Annual Report for Common School Forest Land

During fiscal year 2021 the Oregon Department of Forestry (ODF) managed 33,005 acres of Common School Forest Land (CSFL). As trustee of the CSFL, the State Land Board (SLB) oversees management to provide Oregonians the greatest benefit, consistent with resource conservation and sound land management strategies. Within this context, these lands are managed to maximize revenue to the state’s Common School Fund (CSF) through an agreement among ODF, the SLB and the Department of State Lands (DSL). The DSL 2012 Real Estate Asset Management Plan states that these lands are “managed primarily to produce merchantable timber on a sustainable basis in accordance with plans adopted by the Land Board in cooperation with the Board of Forestry.” Net revenues generated from CSFL are dedicated to the CSF.

This agreement and partnership among ODF, DSL and the SLB requires ODF to present an annual report regarding the status of management of CSFL. This status report includes information related to timber management (volume and value of harvested, sold and planned timber sales), fiscal year operating costs, revenue transferred to the CSF, reforestation, intensive management accomplishments and costs, and other information affecting CSFL management and operations.

Fiscal Year 2021 Harvest and Revenue

In 2021, net operating income remained consistent with 2020 at $1.1 million. ODF continues stewardship of 33,005 acres of CSFL through active management, supervising and administering timber operations, monitoring environmental successes and sustaining critical wildlife habitat areas.

A number of reforestation and replanting projects were completed successfully, and young stand management activities continue to actively grow healthy, sustainable forests for future generations – providing a range of longer-term natural benefits such as wood products, diverse ecosystems and habitat, and clean air and water.

1. CSFL Harvest Volume:
   a. 4.24 MMBF
   b. 24 percent decrease from FY 2020

2. Revenue Transfers to CSF:
   a. $2.57 million
   b. 1 percent decrease from FY 2020
3. Net Operating Income (NOI): NOI is the total revenue received by ODF minus management costs. It is influenced by the same factors that affect volume and value, as well as management expenses.
   a. $1,119,587
   b. 1.5 percent increase from FY 2020

4. CSFL Management costs:
   a. $1.45 million
   b. 3 percent decrease from FY 2020

5. CSFL sales sold in FY 2021 (not yet harvested)
   a. 4.1 MMBF
   b. Approximately $1.7 million in timber sale value (prior to CSFL management costs)

Other Forest Management Activities
Reforestation and young stand management are integral to ensuring a sustainable flow of wood and future habitat development. On CSFL in FY 2021, 124 acres were reforested and 757 acres received young-stand management treatment, improving overall forest health and future growth.

This annual report summarizes CSFL management activities from July 1, 2020 through June 30, 2021.
Financial and Asset Management

Overview
This report primarily focuses on FY 2021 (July 1, 2020 through June 30, 2021). However, forest management often requires evaluating trends in revenue and costs for previous biennia (e.g., sales approved in one year’s operating plan may be harvested over one to three subsequent years). Revenue transferred to the CSF from management of CSFL has varied over the past 10 years from $1.9 million to $11 million annually. This time period includes fiscal years prior to July 1, 2017, when ODF managed the Elliott State Forest.

The primary factors influencing revenue fluctuations include: housing starts, lumber prices, harvest timing, individual sale volumes and value, changing ratios between harvests on CSFL and Board of Forestry lands (BOFL), Endangered Species Act protection measures and uncertainty and constraints associated with litigation.

Net Operating Income (NOI)
NOI for CSFL for FY 2021 was $1,119,587. NOI was calculated for FY18 and FY19 by subtracting costs from total revenue invoiced. FY17, FY20 and FY21 was calculated by subtracting costs from total revenue transferred to DSL. NOI ranged from $395,017 to $1.1 million for CSFL in the past 5 years (Table 1).

<table>
<thead>
<tr>
<th>Table 1: Net Operating Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2021</td>
</tr>
<tr>
<td>FY2020</td>
</tr>
<tr>
<td>FY2019</td>
</tr>
<tr>
<td>FY2018</td>
</tr>
<tr>
<td>FY2017</td>
</tr>
<tr>
<td>5 Year Average</td>
</tr>
</tbody>
</table>

Annual Revenue
Annual revenue is reported throughout this report, with influencing factors included for context.

Fiscal Year 2021 Revenue and Investment Costs
During FY 2021, $2.57 million in revenue was transferred to DSL (Table 2). Total charges for managing the CSFL totaled $1.45 million during FY 2021 (Table 2). These expenditures include State Forests Division personnel in Salem, three regional areas, and seven districts. The units are responsible for timber sale contract development and compliance, reforestation and intensive management activities, Endangered Species Act compliance, research and monitoring, forest planning and public engagement, and overall program administration.

Other charges to the CSF, referred to as “Net Revenue Transfers,” totaled $416,313 in FY 2021 (Table 3). This is approximately 29 percent of total overall costs. Revenue transfers include a
prorated portion of ODF’s total costs for capital improvement projects, debt service, and seed orchard management.

Revenue transfers include a portion of overall agency administration prorate which totaled $408,815. It is ODF’s goal to ensure that allocation of agency administrative costs accurately reflects work performed by administrative and managerial staff, and that each program pays their appropriate share of administrative costs.

J.E. Schroeder Seed Orchard costs for FY 2021 were $5,950. These funds were used to produce genetically improved seed (superior growth, wood quality, and disease tolerant characteristics as identified through traditional breeding and selection methods) appropriate for reforesting state forestlands.

The fire protection cost for 33,005 acres of ODF managed CSFL was approximately $105,850.
CSFL Revenues and Expenditures for FY 2021

Table 2: CSFL Revenues and Expenditures

<table>
<thead>
<tr>
<th>Category</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
</tr>
</thead>
<tbody>
<tr>
<td>T &amp; E Surveys</td>
<td>$255,732</td>
<td>$84,315</td>
<td>$86,288</td>
<td>$108,828</td>
<td>$95,611</td>
</tr>
<tr>
<td>Salem Program</td>
<td>$503,060</td>
<td>$205,326</td>
<td>$183,254</td>
<td>$297,652</td>
<td>$423,562</td>
</tr>
<tr>
<td>Total Salem Expenditures</td>
<td>$758,793</td>
<td>$289,641</td>
<td>$269,542</td>
<td>$406,480</td>
<td>$519,173</td>
</tr>
<tr>
<td>Total District Expenditures</td>
<td>$1,612,930</td>
<td>$583,272</td>
<td>$653,170</td>
<td>$690,803</td>
<td>$513,752</td>
</tr>
<tr>
<td>Administrative Transfers</td>
<td>$733,924</td>
<td>$448,370</td>
<td>$444,470</td>
<td>$398,296</td>
<td>$416,313</td>
</tr>
<tr>
<td>Total Expenditures + Transfers</td>
<td>$3,105,647</td>
<td>$1,321,283</td>
<td>$1,367,182</td>
<td>$1,495,579</td>
<td>$1,449,238</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
</tr>
</thead>
<tbody>
<tr>
<td>District Expenditures Prorated by Acres</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tillamook</td>
<td>$128,778</td>
<td>$182,519</td>
<td>$184,428.21</td>
<td>$204,029.19</td>
<td>$231,463.05</td>
</tr>
<tr>
<td>Astoria</td>
<td>$65,667</td>
<td>$85,919</td>
<td>$109,456.59</td>
<td>$96,495.76</td>
<td>$92,876.78</td>
</tr>
<tr>
<td>Forest Grove</td>
<td>$20,358</td>
<td>$24,237</td>
<td>$37,185.61</td>
<td>$29,816.57</td>
<td>$32,279.94</td>
</tr>
<tr>
<td>West Oregon</td>
<td>$272,127</td>
<td>$317,171</td>
<td>$361,443.13</td>
<td>$460,863.18</td>
<td>$373,341.41</td>
</tr>
<tr>
<td>North Cascade</td>
<td>$37,196</td>
<td>$45,108</td>
<td>$44,683.30</td>
<td>$42,793.52</td>
<td>$58,752.32</td>
</tr>
<tr>
<td>SW Oregon</td>
<td>$234,398</td>
<td>$306,241</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Coos</td>
<td>$2,157,530</td>
<td>$96,289</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Western Lane1</td>
<td>$70,641</td>
<td>$55,730</td>
<td>$429,292.33</td>
<td>$437,344.44</td>
<td>$424,068.22</td>
</tr>
<tr>
<td>Klamath-Lake</td>
<td>$118,953</td>
<td>$208,069</td>
<td>$200,692.84</td>
<td>$224,236.82</td>
<td>$236,455.94</td>
</tr>
<tr>
<td>Total Expenditures + Transfers</td>
<td>$3,105,648</td>
<td>$1,321,283</td>
<td>$1,367,182</td>
<td>$1,495,579</td>
<td>$1,449,238</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>District</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tillamook</td>
<td>$13,569</td>
<td>$14,823</td>
<td>$127,484</td>
<td>$87,153</td>
<td>$54,561</td>
</tr>
<tr>
<td>Astoria</td>
<td>$137,300</td>
<td>$307,332</td>
<td>$482,885</td>
<td>$919,403</td>
<td>$2,881</td>
</tr>
<tr>
<td>Forest Grove</td>
<td>$29,300</td>
<td>$301,498</td>
<td>$322,422</td>
<td>$491,240</td>
<td>$1,542,376</td>
</tr>
<tr>
<td>West Oregon</td>
<td>$1,143,029</td>
<td>$896,188</td>
<td>$1,254,904</td>
<td>$131,847</td>
<td>$737,436</td>
</tr>
<tr>
<td>North Cascade</td>
<td>($23,149)</td>
<td>$5</td>
<td>$262</td>
<td>$431</td>
<td>$2,325</td>
</tr>
<tr>
<td>SW Oregon</td>
<td>$72,080</td>
<td>$490,844</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Coos/Elliott</td>
<td>$2,547,842</td>
<td>$19,229</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Western Lane1</td>
<td>$0</td>
<td>$1,100</td>
<td>$83,850</td>
<td>$266,161</td>
<td>$229,749</td>
</tr>
<tr>
<td>Klamath-Lake</td>
<td>$20,055</td>
<td>$64,931</td>
<td>$47,910</td>
<td>$143,650</td>
<td>($503)</td>
</tr>
<tr>
<td>Revenues Transferred to DSL</td>
<td>$3,496,412</td>
<td>$2,001,213</td>
<td>$1,899,423</td>
<td>$2,598,802</td>
<td>$2,568,825</td>
</tr>
</tbody>
</table>

1 Starting FY19 SW Oregon and Coos Districts are being managed out of Western Lane.

Details of FY 2021 Administrative Costs

Table 3: Details of FY 2021 Administrative Transfer Costs

<table>
<thead>
<tr>
<th>Administrative Revenue Transfers</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Prorate Charge</td>
<td>$408,815</td>
</tr>
<tr>
<td>J. E. Schroeder Seed Orchard</td>
<td>$5,950</td>
</tr>
<tr>
<td>Residual Equity</td>
<td>$1,548</td>
</tr>
<tr>
<td>Bond Principal</td>
<td>$0</td>
</tr>
<tr>
<td>Bond Interest</td>
<td>$0</td>
</tr>
</tbody>
</table>

ADMINISTRATIVE TRANSFER COSTS TOTAL | $416,313
<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Timber Sales Value of Timber Removed</th>
<th>Timber Harvest Volume (MMBF) Removed</th>
<th>Average Sold Sale Stumpage Price/MBF</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021</td>
<td>$2,034,439</td>
<td>4.242</td>
<td>$404</td>
</tr>
<tr>
<td>2020</td>
<td>$2,597,050</td>
<td>5.590</td>
<td>$439</td>
</tr>
<tr>
<td>2019</td>
<td>$2,057,269</td>
<td>4.671</td>
<td>$170</td>
</tr>
<tr>
<td>2018</td>
<td>$1,534,693</td>
<td>3.573</td>
<td>$476</td>
</tr>
<tr>
<td>2017 Elliott State Forest (Coos District)</td>
<td>$2,691,137</td>
<td>7.758</td>
<td>$347</td>
</tr>
<tr>
<td>2017 Other CSFL</td>
<td>$1,152,934</td>
<td>2.765</td>
<td>$413</td>
</tr>
<tr>
<td><strong>Total 2017</strong></td>
<td><strong>$3,844,071</strong></td>
<td><strong>10.523</strong></td>
<td><strong>$413</strong></td>
</tr>
<tr>
<td>2016 Elliott State Forest (Coos District)</td>
<td>$3,416,945</td>
<td>7.990</td>
<td>$327</td>
</tr>
<tr>
<td>2016 Other CSFL</td>
<td>$2,454,497</td>
<td>6.170</td>
<td>$347</td>
</tr>
<tr>
<td><strong>Total 2016</strong></td>
<td><strong>$5,871,441</strong></td>
<td><strong>14.160</strong></td>
<td><strong>$332</strong></td>
</tr>
<tr>
<td>2015 Elliott State Forest (Coos District)</td>
<td>$3,592,162</td>
<td>8.260</td>
<td>$436</td>
</tr>
<tr>
<td>2015 Other CSFL</td>
<td>$2,367,124</td>
<td>6.990</td>
<td>$356</td>
</tr>
<tr>
<td><strong>Total 2015</strong></td>
<td><strong>$5,959,286</strong></td>
<td><strong>15.250</strong></td>
<td><strong>$375</strong></td>
</tr>
<tr>
<td>2014 Elliott State Forest</td>
<td>$2,524,725</td>
<td>6.960</td>
<td>$434</td>
</tr>
<tr>
<td>2014 Other CSFL</td>
<td>$1,503,429</td>
<td>4.000</td>
<td>$205</td>
</tr>
<tr>
<td><strong>Total 2014</strong></td>
<td><strong>$4,028,154</strong></td>
<td><strong>10.960</strong></td>
<td><strong>$411</strong></td>
</tr>
<tr>
<td>2013 Elliott State Forest</td>
<td>$1,606,932</td>
<td>4.514</td>
<td>$288</td>
</tr>
<tr>
<td>2013 Other CSFL</td>
<td>$1,992,098</td>
<td>6.562</td>
<td>$328</td>
</tr>
<tr>
<td><strong>Total 2013</strong></td>
<td><strong>$3,599,030</strong></td>
<td><strong>11.076</strong></td>
<td><strong>$308</strong></td>
</tr>
<tr>
<td>2012</td>
<td>$12,004,481</td>
<td>32.250</td>
<td>$313</td>
</tr>
<tr>
<td><strong>Last 5 Year Average</strong></td>
<td><strong>$2,413,505</strong></td>
<td><strong>7.7</strong></td>
<td><strong>$381</strong></td>
</tr>
<tr>
<td><strong>10 Year Average</strong></td>
<td><strong>$4,352,991</strong></td>
<td><strong>11.2</strong></td>
<td><strong>$364</strong></td>
</tr>
</tbody>
</table>

2 Timber Sale Value is gross timber sale’s value before project work credits have been subtracted
Forest Land Management

During FY 2021 ODF managed 33,005 acres of CSFL (Table 5). Activities conducted on CSFL managed by ODF include: timber harvest, reforestation and intensive management, and road construction and maintenance.

Timber Management Activities
A total of 13 active sales were harvested in FY 2021, producing 4.2 mmbf with a value of $2,034,439 (Table 7). In addition, there were 10 sales sold in FY 2021, producing approximately 4.1 mmbf (Table 6).

All planned sales on CSFL in FY 2022 are estimated to produce 7.2 mmbf with a net value of $3.2 million (Table 8).

Reforestation and intensive management activities such as site preparation, planting and thinning are used to promote healthy and productive forest land. Table 9 summarizes planned and completed acres and costs for these activities on CSFL.

Table 10 provides information about the road system management on CSFL by District and County.

<table>
<thead>
<tr>
<th>COUNTY</th>
<th>CSFL ACRES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENTON</td>
<td>563</td>
</tr>
<tr>
<td>Clackamas</td>
<td>113</td>
</tr>
<tr>
<td>Clatsop</td>
<td>2,060</td>
</tr>
<tr>
<td>Columbia</td>
<td>80</td>
</tr>
<tr>
<td>Coos</td>
<td>720</td>
</tr>
<tr>
<td>Curry</td>
<td>1,362</td>
</tr>
<tr>
<td>Douglas</td>
<td>1,908</td>
</tr>
<tr>
<td>Jackson</td>
<td>1,622</td>
</tr>
<tr>
<td>Josephine</td>
<td>3,961</td>
</tr>
<tr>
<td>Klamath</td>
<td>6,827</td>
</tr>
<tr>
<td>Lane</td>
<td>907</td>
</tr>
<tr>
<td>Lincoln</td>
<td>4,477</td>
</tr>
<tr>
<td>Linn</td>
<td>90</td>
</tr>
<tr>
<td>Marion</td>
<td>720</td>
</tr>
<tr>
<td>Polk</td>
<td>1,680</td>
</tr>
<tr>
<td>Tillamook</td>
<td>5,584</td>
</tr>
<tr>
<td>Washington</td>
<td>250</td>
</tr>
<tr>
<td>Yamhill</td>
<td>80</td>
</tr>
</tbody>
</table>

GRAND TOTAL: 33,005

Source: ODF, 06/11/21
Note: Report is based on legal acres not GIS acres
### Table 7. Active Timber Sales on Common School Forest Lands Volume and Value, Fiscal Year 2021

<table>
<thead>
<tr>
<th>Sale Name</th>
<th>District</th>
<th>Sale No.</th>
<th>%CSFL</th>
<th>MMBF Harvested</th>
<th>Value CSFL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sassy Sally</td>
<td>Astoria</td>
<td>AT-341-2019-W00361-01</td>
<td>0%</td>
<td>0.00</td>
<td>$36</td>
</tr>
<tr>
<td>Duchess and the Duke</td>
<td>Forest Grove</td>
<td>FG-341-2020-W00544-01</td>
<td>84%</td>
<td>0.11</td>
<td>$56,818</td>
</tr>
<tr>
<td>#2 Niagara Restoration</td>
<td>North Cascade</td>
<td>NC-341-2021-W00894-01</td>
<td>1%</td>
<td>0.04</td>
<td>$22,738</td>
</tr>
<tr>
<td>Beaver Nation</td>
<td>Tillamook</td>
<td>TL-341-2020-W00288-01</td>
<td>43%</td>
<td>0.22</td>
<td>$75,148</td>
</tr>
<tr>
<td>Pike Fire Contingency</td>
<td>Tillamook</td>
<td>TL-343-2021-W00879-01</td>
<td>47%</td>
<td>0.08</td>
<td>$30,566</td>
</tr>
<tr>
<td>Milk Creek</td>
<td>Western Lane</td>
<td>WL-341-2020-W00577-01</td>
<td>100%</td>
<td>2.37</td>
<td>$1,283,543</td>
</tr>
<tr>
<td>Powerline Thin</td>
<td>West Oregon</td>
<td>WO-341-2018-W00671-01</td>
<td>30%</td>
<td>0.27</td>
<td>$103,039</td>
</tr>
<tr>
<td>Thin Women</td>
<td>West Oregon</td>
<td>WO-341-2019-W00667-01</td>
<td>1%</td>
<td>0.01</td>
<td>$1,660</td>
</tr>
<tr>
<td>Shingle South Thin</td>
<td>West Oregon</td>
<td>WO-341-2019-W00790-01</td>
<td>1%</td>
<td>0.02</td>
<td>$5,125</td>
</tr>
<tr>
<td>Wolf Junction</td>
<td>West Oregon</td>
<td>WO-341-2020-W00378-01</td>
<td>20%</td>
<td>0.56</td>
<td>$260,272</td>
</tr>
<tr>
<td>Lost Steere</td>
<td>West Oregon</td>
<td>WO-341-2020-W00777-01</td>
<td>100%</td>
<td>0.02</td>
<td>$8,230</td>
</tr>
<tr>
<td>Rock Fall</td>
<td>West Oregon</td>
<td>WO-341-2020-W00789-01</td>
<td>42%</td>
<td>0.49</td>
<td>$178,069</td>
</tr>
<tr>
<td>Cline Miller Thin</td>
<td>West Oregon</td>
<td>WO-341-2021-W00360-01</td>
<td>4%</td>
<td>0.04</td>
<td>$9,195</td>
</tr>
</tbody>
</table>

**Net CSFL Value:** 4.24  
**Total Value:** $2,034,439

All dollar amounts are rounded to the nearest whole dollar.
Planned Timber Sales for FY 2022

Table 8: Annual Operation Plan Timber Sales Planned On CSFL in FY 2022

<table>
<thead>
<tr>
<th>Sale Name</th>
<th>ODF District</th>
<th>CSFL Percent of Sale</th>
<th>Timber Sale Volume (MBF)</th>
<th>CSFL (MBF)</th>
<th>CSFL Acres Regen Cut</th>
<th>CSFL Acres Partial Cut</th>
<th>Total Sale Value</th>
<th>CSFL Project Costs</th>
<th>Net CSFL Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bole Bucket</td>
<td>Astoria</td>
<td>44%</td>
<td>4,904</td>
<td>2,155</td>
<td>60</td>
<td>0</td>
<td>$1,278,576</td>
<td>$84,648</td>
<td>$681,288</td>
</tr>
<tr>
<td>Wooden Corners</td>
<td>Tillamook</td>
<td>60%</td>
<td>4,463</td>
<td>2,698</td>
<td>162</td>
<td>0</td>
<td>$1,323,577</td>
<td>$36,272</td>
<td>$1,191,067</td>
</tr>
<tr>
<td>Long John</td>
<td>West Oregon</td>
<td>33%</td>
<td>4,934</td>
<td>1,617</td>
<td>45</td>
<td>0</td>
<td>$2,522,813</td>
<td>$22,154</td>
<td>$1,002,065</td>
</tr>
<tr>
<td>Roger Miller</td>
<td>West Oregon</td>
<td>28%</td>
<td>2,644</td>
<td>749</td>
<td>15</td>
<td>24</td>
<td>$939,252</td>
<td>$24,358</td>
<td>$322,321</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td>16,945</td>
<td>7,219</td>
<td>253</td>
<td>24</td>
<td>$6,064,217</td>
<td>$167,432</td>
<td>$3,196,741</td>
</tr>
</tbody>
</table>

Reforestation and Intensive Management for FY 2021

Table 9: Intensive Management Activities On CSFL - FY 2021

<table>
<thead>
<tr>
<th>Management Activity</th>
<th>Acres Planned</th>
<th>Acres Completed</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Planting*</td>
<td>147</td>
<td>124</td>
<td>$41,571</td>
</tr>
<tr>
<td>Interplanting</td>
<td>5</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Invasive Plant Control</td>
<td>0</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Precommercial Thinning</td>
<td>10</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Pruning</td>
<td>0</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Release-Chemical- Aerial</td>
<td>61</td>
<td>61</td>
<td>$3,231</td>
</tr>
<tr>
<td>Release-Chemical-Hand</td>
<td>95</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Release-Mechanical-Hand</td>
<td>20</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Site Prep -Mechanical</td>
<td>6</td>
<td>40</td>
<td>$10,299</td>
</tr>
<tr>
<td>Site Prep -Slash Burning**</td>
<td>67</td>
<td>65</td>
<td>$894</td>
</tr>
<tr>
<td>Site Prep-Chemical- Aerial</td>
<td>60</td>
<td>37</td>
<td>$2,059</td>
</tr>
<tr>
<td>Site Prep-Chemical- Hand</td>
<td>10</td>
<td>10</td>
<td>$922</td>
</tr>
<tr>
<td>Surveys - Invasive Plants</td>
<td>0</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Surveys – Reforestation</td>
<td>100</td>
<td>186</td>
<td>$0</td>
</tr>
<tr>
<td>Tree Protection- Barriers**</td>
<td>0</td>
<td>1</td>
<td>$360</td>
</tr>
<tr>
<td>Tree Protection-Direct Control**</td>
<td>104</td>
<td>111</td>
<td>$5,186</td>
</tr>
<tr>
<td>Underplanting*</td>
<td>122</td>
<td>122</td>
<td>$4,209</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>807</td>
<td>757</td>
<td>$68,732</td>
</tr>
</tbody>
</table>

*Planting costs include all costs to grow seedlings.
**Some districts used inmate labor. Inmate crew costs are covered in this table.
### Road Management Activities for FY 2021

#### Links To More Information

**Stand Level Inventory**

Forest Inventory Report covers the fiscal year-end stand level inventory estimates on Board of Forestry and Common School Land for each district.

**Stream and Watershed Restoration**

Restoration reports summarize all restoration activity reported to OWEB by State Forest Districts since 1995.

**Forest Health**

- [Aerial Survey Summary Reports](#) by ODF Area
- [Forest Health Highlights Report](#) - Joint Publications of Oregon Department of Forestry and USDA Forest Service, Pacific Northwest Region

#### Table 10: FY 2021 Annual Road Work – CSFL

<table>
<thead>
<tr>
<th>District &amp; County</th>
<th>Aggregate/Paved Surface (miles)</th>
<th>Dirt Surface (miles)</th>
<th>Bridge</th>
<th>Fish Pipes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Constructed</td>
<td>Improved</td>
<td>Vacated</td>
<td>Constructed</td>
</tr>
<tr>
<td>Tillamook/Tillamook</td>
<td>0.00</td>
<td>0.40</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Tillamook/Washington</td>
<td>0.00</td>
<td>0.00</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>West Oregon/Benton</td>
<td>0.00</td>
<td>0.00</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>West Oregon/Lincoln</td>
<td>0.24</td>
<td>5.96</td>
<td>0</td>
<td>0.04</td>
</tr>
<tr>
<td>West Oregon/Polk</td>
<td>0.00</td>
<td>0.86</td>
<td>0</td>
<td>0.18</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>0.24</strong></td>
<td><strong>7.22</strong></td>
<td><strong>0.0</strong></td>
<td><strong>0.22</strong></td>
</tr>
</tbody>
</table>