#### **EXHIBIT B**

#### FOREST ROAD SPECIFICATIONS

| SUBGRADE<br>WIDTH | SURFACED<br>WIDTH | POINT TO<br>POINT | STATION TO<br>STATION | DRAINAGE |
|-------------------|-------------------|-------------------|-----------------------|----------|
| 14 feet           | 12 feet           | A to B            | 0+00 to 216+00        | Ditch    |
| 14 feet           | 14 feet           | C to D            | 0+00 to 2+50          | Ditch    |
| 14 feet           | 14 feet           | C to D            | 2+50 to 5+30          | Outslope |
| 14 feet           | 14 feet           | E to F            | 0+00 to 18+95         | Ditch    |
| 14 feet           | 14 feet           | H to I            | 0+00 to 17+10         | Outslope |
| 14 feet           | 14 feet           | I to J            | 0+00 to 12+00         | Outslope |
| 14 feet           | 12 feet           | K to L            | 0+00 to 3+00          | Ditch    |
| 14 feet           | 14 feet           | M to N            | 0+00 to 3+00          | Outslope |
| 14 feet           | 14 feet           | M to N            | 3+00 to 3+75          | Ditch    |
| 14 feet           | 14 feet           | M to N            | 3+75 to 8+00          | Outslope |

<u>CLEARING</u>. This work shall consist of clearing, removing, and disposing of all trees, snags, down timber, brush, surface objects, and protruding obstructions within the clearing limits.

Where clearing limits have not been marked the "Road Brushing Specifications" in Exhibit B shall apply. Clearing debris shall not be placed or permitted to remain in or under any road embankment sections. Clearing debris shall not be left lodged against standing trees.

All danger trees, leaners, and snags outside the clearing limits which could fall and hit the road shall be felled.

GRUBBING. This work shall consist of the removal or digging out of stumps and protruding objects.

All stumps shall be completely removed within the limits of required grubbing. Stumps overhanging cutslopes shall be removed. Grubbing debris shall not be placed or permitted to remain in or under any road embankment sections. Grubbing debris shall not be left lodged against standing trees. Grubbing classifications are as follows:

New construction - From the top of the cutslope to the toe of the fill.

Improvements and reconstructions - 4 feet back from the shoulder of the subgrade or ditch, whichever is widest, or as marked in the field.

Trees outside the clearing limits shall not be felled unless approved in writing by STATE.

<u>CLEARING AND GRUBBING DISPOSAL</u>. Scatter through openings in the timber outside of the cleared right-of-way, except areas where end-haul is required.

#### **EXHIBIT B**

#### FOREST ROAD SPECIFICATIONS

<u>EXCAVATION</u>. Excavation and grading shall not be done when weather and/or ground conditions are such that damage will result to existing subgrade or cause excessive erosion.

Excavation shall conform to STATE-engineered lines, grades, dimensions, and plans when provided.

All suitable excavated material shall be used where possible for the formation of fills, shoulders, and drainage structure backfills. Embankment materials shall be free of woody debris, brush, muck, sod, frozen material, and other deleterious materials. All fills and drainage structure backfills shall be machine compacted according to the specifications in Exhibits C and D.

Unless road design plans show otherwise, all roads shall be on a balanced cross section, except when the slope is over 50 percent, the road shall be on full bench for the width specified.

Excess excavation shall not be sidecast where material will enter a stream course or where material will accumulate in areas deemed a high landslide hazard location by STATE.

ROAD WIDTH LIMITATIONS. PURCHASER shall obtain advance written approval from STATE to construct the road to a greater width than specified. Extra subgrade width shall be required for:

Fill Widening. Add to each fill shoulder 1 foot for fills 3 feet to 6 feet high; 2 feet for fills over 6 feet high.

<u>Curve Widening</u>. Widen the inside shoulder of all curves as follows: 400 divided by the radius of the curve equals the amount of extra width.

#### **DRAINAGE**

<u>Ditch</u>. Construct "V" ditch 3 feet wide and to a depth of 1.5 foot below subgrade. Subgrade shall be crowned at 4 to 6 percent. Construct ditchouts away from subgrade at locations marked in field.

Outslope. Road subgrade shall be outsloped at 4 to 6 percent.

<u>TURNOUTS</u>. Increase roadbed width an additional 8 feet for both subgrade and surfacing. Length shall be at least 25 feet, or as staked on the ground, plus 25-foot approaches at each end.

Location: As marked in the field.

GRADINGBack SlopesFill SlopesRockVertical to 1/4:1Not steeperCommon3/4:1than 1½:1Common - turnpike (level) section2:1

Top of cutslope shall be rounded.

<u>TURNAROUNDS</u>. Increase subgrade width an additional 20 feet for a length of 20 feet at locations marked in the field.

#### **EXHIBIT B**

#### ADDITIONAL ROAD IMPROVEMENT INSTRUCTIONS

#### I to J

• Remove stumps at Stations 4+30, 6+80, and 7+45.

#### K to L

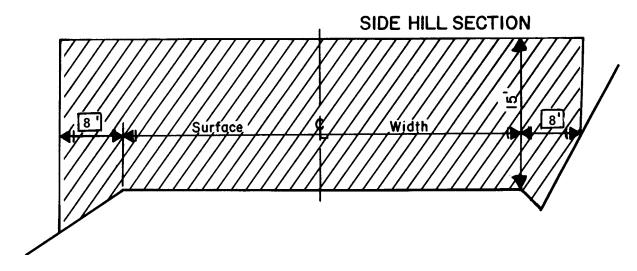
• Relocate existing cross drain pipe across new road location at same station.

#### M to N

• Remove stump at Station 4+20.

# EXHIBIT B ROAD BRUSHING SPECIFICATIONS





#### **REQUIREMENTS**

Brush and trees shall be cut to a height of 6 inches or less above the ground surface or obstructions such as rocks or existing stumps. Brushing on project road segments shall be completed prior to subgrade approval.

Debris resulting from the brushing operation shall be removed from the roadway, cutslope, ditches, and water courses within 72 hours and may be scattered downslope from the road or placed in other stable locations, unless otherwise approved in writing by STATE.

Trees outside the clearing limits shall not be felled unless approved in writing by STATE.

## EXHIBIT B

#### **END-HAULING REQUIREMENTS**

| POINT TO POINT | STA. TO STA  |
|----------------|--------------|
| C to D         | 0+00 to 2+50 |
| K to L         | 0+00 to 3+00 |

#### **End-Haul Areas General Requirements**

Material shall not be intentionally side cast.

Clearing and grubbing debris shall be end-hauled.

When blasting is required, it shall be accomplished using timing devices, delayed charges, low intensity shots, or other suitable means to contain as much material as possible within the road prism.

#### Containment

Full containment: The amount of material lost over the outside edge of the road shall not exceed 6 inches in depth measured perpendicular to the natural ground slope. Pioneer excavation shall be removed by digging, loading, and hauling rather than by pushing or scraping methods.

Tree bases and stumps may have up to 12 inches of material directly above them. Any amount of material exceeding the containment requirements shall be removed by whatever means necessary and end-hauled to a designated waste area.

#### Waste Area Location

As shown on Exhibit A and as marked in the field.

#### Waste Area Treatment

Deposit at waste area, spread evenly, compact, and provide adequate drainage.

Pile woody debris separate from other waste material.

## EXHIBIT C ROAD SURFACING

| TYPE OF<br>ROCK | SIZE OF<br>ROCK | COMPACTED<br>DEPTH | POINT TO POINT | STATION TO<br>STATION | APPROX. TOTAL<br>TRUCK MEASURE<br>VOLUME |
|-----------------|-----------------|--------------------|----------------|-----------------------|--|
| Crushed         | 2"-0"           | 6"                 | K to L         | 0+00 to 3+00          | 102 CY                                   |
|                 |                 |                    |                | USE                   |  |
| Crushed         | 2"-0"           |                    | A to B *       | Spot Rock             | 260 CY                                   |

<sup>\*</sup> As marked in field.

Additional rock for curve widening is required and has been included in the volume estimates.

Roads shall be uniformly graded and approved by STATE prior to rocking. For typical cross section, turnout, and turnaround see Forestry Department Drawing Nos. 351-C, 351-D, and TOTA - 1 at the Forestry Department District Office.

#### **EXHIBIT C**

#### CRUSHED ROCK SPECIFICATIONS

<u>Materials</u>. The material shall be fragments of rock or other hard, durable particles crushed to the required size and a filler of finely crushed stone, sand, or other finely divided mineral matter. The material shall be free from vegetation and lumps of clay.

<u>Quality and Grading Requirements</u>. The stone base materials shall be crushed rock, including sand. River gravel shall not be used.

The material from which base material is produced or manufactured shall conform to the general requirements of Section 2630 of the "Standard Specifications for Highway Construction" prepared by the Highway Division, Oregon Department of Transportation, and shall meet the following test requirements:

Hardness - Test Method AASHTO T 96 35% Maximum

Durability - Test Method ODOT TM 208

Passing No. 20 Sieve: 30% Maximum

Sediment Height: 3" Maximum

| For 2"-0" | Passing | 2½" sieve  | 100%    |
|-----------|---------|------------|---------|
|           | Passing | 2" sieve   | 95-100% |
|           | Passing | 1" sieve   | 55-75%  |
|           | Passing | 1/4" sieve | 30-45%  |

Of the fraction passing 1/4" sieve, 40% to 60% shall pass the No. 10 sieve.

The referenced sieve shall have square openings as set forth in AASHTO M 92, Woven Cloth Series. The determinations of size and gradings shall be as set forth in AASHTO T 27.

#### **EXHIBIT C**

#### **ROCK ACCOUNTABILITY**

The rock shall meet the quality and size specifications in Exhibit C. A sample of the rock shall be supplied to STATE for testing and approval prior to rocking. PURCHASER shall obtain subgrade approval from STATE prior to rocking. Rocking shall be limited to periods when weather conditions are acceptable to STATE and when sediments will not enter streams.

Rock accountability shall be determined by the following methods, as directed by STATE. STATE shall be given 24 hours' notice prior to rocking.

<u>Depth Measurement</u>. Road rock shall be spread and compacted according to the depths specified in Exhibit C. Truck measure volumes are given, but shall not limit the amount of rock spread.

Depth shall be determined in the most compacted area of the surface cross section. If additional rock is required because of insufficient depth, it shall be added by truck measure to those areas that were slighted. The conversion from compacted yardage to truck yardage is 1.3 multiplied by the compacted yardage equals truck yardage.

The depth of compacted aggregates shall not vary more than 1 inch from the depth specified in Exhibit C. The average depth for each road segment shall be the specified depth or greater.

<u>Curve Surfacing</u>. Extra surface width shall be required for the inside of all curves as follows: 400 divided by the radius of the curve equals the amount of extra width to be surfaced at the depths shown in Exhibit C.

#### **EXHIBIT C**

#### COMPACTION AND PROCESSING REQUIREMENTS

<u>Subgrade</u>. Subgrade surfaces of the road segments listed below shall be graded and compacted prior to rocking. Compaction shall be accomplished by traveling all surfaces from shoulder to shoulder until visible deformation ceases, or in the case of a sheepsfoot roller, the roller "walks out." At least 3 passes shall be made over the entire width and length of the road. A pass is defined as traveling a road section in one direction and then back over that same section again. Compaction shall be accomplished by using the approved equipment listed below or others approved by STATE:

| ROAD SEGMENT                                       | COMPACTION EQUIPMENT OPTIONS |
|--|------------------------------|
| C to D, E to F, H to I, I to J, K to L, and M to N | Vibratory Roller             |

<u>Crushed Rock</u>. The rock shall be uniformly mixed and spread in layers on the approved roadbed. Each layer of crushed rock shall be moistened or dried to a uniform moisture content suitable for maximum compaction and compacted in layers not to exceed 6 inches in depth. When more than 1 layer is required, each shall be shaped and compacted before the succeeding layer is placed. Any irregularities or depressions that develop during compaction of the top layer shall be corrected by loosening the material at these places and adding or removing material until the surface is smooth and uniform. Each layer shall be compacted with at least 3 passes over the entire width and length of the road. A pass is defined as traveling a road section in one direction and then back over that same section again. Compaction shall be accomplished by using the approved equipment listed below or others approved by STATE:

Rock shall be compacted and processed during the same project period it is spread, unless otherwise approved in writing by STATE.

Rock shall be crowned at 4 to 6 percent unless otherwise specified.

| ROAD SEGMENT | COMPACTION EQUIPMENT OPTIONS |
|--------------|------------------------------|
| A to B       | Rock Trucks                  |
| K to L       | Vibratory Roller             |

#### COMPACTION EQUIPMENT OPTIONS

<u>Vibratory Rollers</u>. The drum shall have a smooth surface, a diameter not less than 48 inches, a width not less than 58 inches, and a turning radius of 15 feet or less. Vibration frequency shall be regulated in steps to 1400, 1500, and 1600 VPM, corresponding to engine speeds of 1575, 1690, and 1800 RPM. The centrifugal force developed shall be 7 tons at 1600 VPM. It shall be activated by a power unit of not less than 25 horsepower.

The

vibratory roller shall be self-propelled and operated at speeds ranging from 0.9 mile to 1.8 miles per hour, as directed by STATE.

<u>Rock Trucks</u>. Rock spreading shall begin at the nearest point to the rock source and progress toward the end of the project. Rock trucks shall be routed over the entire cross section of rock layers.

#### **EXHIBIT D**

#### **CULVERT SPECIFICATIONS**

All culvert materials shall be furnished and installed by PURCHASER, unless otherwise specified in the contract. Culverts shall be constructed of corrugated aluminized steel. Corrugated polyethylene culverts may be used for sizes up to 30 inches in diameter. Culverts shall conform to the material and fabricating requirements of Sections 2410 or 2420 of the "Standard Specifications for Highway Construction" prepared by the Highway Division of the Oregon State Department of Transportation. Corrugation types and shapes other than those meeting the above minimum Highway requirements, shall be approved in writing by STATE.

Culverts shall be located according to the alignment and grade as shown on the Plan and Profile, and/or as staked in the field, or as stipulated in special instructions.

The STATE Representative shall determine final culvert locations and stake the locations in the field prior to installation.

Culvert grade shall slope away from ditch grade at least 2 percent unless otherwise specified.

Culverts shall be installed with the lock seam on the inlet end placed within 45 to 60 degrees from the bottom of the trench, measured counter clockwise, facing the inlet.

The foundation and trench walls for all culverts shall be free from logs, stumps, limbs, stones, and other objects which would dent or damage the pipe. The culvert trench shall be excavated 3 pipe diameters wide to permit compaction and working on each side of the pipe. Tamping shall be done in 6-inch lifts, 1 pipe diameter each side of the pipe to 95 percent density or over. Bedrock shall be excavated as required to provide a uniform foundation for the full length of the culvert. Minimum bedding depth shall be 6 inches.

A bedding of granulated material or crushed rock as specified shall be placed to provide a wide band of support and to transmit the load from above evenly over the entire length of the pipe.

Backfill shall consist of granulated material, crushed rock, or job-excavated soil free of stumps, limbs, rocks, or other objects which would damage the pipe.

Transporting of the pipe shall be done carefully. Dragging or allowing free fall from trucks or into trenches shall not be permitted.

Joining shall be done with bands of like material and corrugations. Manufacturers' instructions shall be followed for prefabricated pipe assembly.

Polyethylene joints shall be made with split couplings, corrugated to engage the pipe corrugations, and shall engage a minimum of 4 corrugations, 2 on each side of the pipe joint.

A manufacturer's certification that the product was manufactured, tested, and supplied in accordance with this specification shall be furnished to the Project Engineer upon request.

#### **EXHIBIT D**

#### **CULVERT SPECIFICATIONS**

Minimum height of cover over top of culvert to subgrade when road is to be rocked shall be as follows: 12" for culverts 18" to 36" (add 6" for roads which will not be rocked). Minimum vertical cover for other designs shall be as specified by STATE.

Lengths of individual culvert sections shall be not less than 10 feet, unless otherwise provided for in special instructions.

The ends of each culvert shall be free of logs and debris which would restrict the free flow of water. The intake end of relief culverts shall be provided with a sediment catching basin 3 feet in diameter at the bottom. The outlet end of any culvert which would allow water to erode embankment soil shall be provided with a half round or other approved slope protection device. Construct the lead-off ditch away from the culvert outlet where the slope gradient restricts the free flow of water.

Following are the minimum standard gauges for pipe and coupling bands.

|             | Steel Pipe Gauge |             |                | Band           | Widths (")    | Hugger Band    | d Widths (") |
|-------------|------------------|-------------|----------------|----------------|---------------|----------------|--------------|
| <u>Dia.</u> | Aluminized       | Band Gauges | <u>Annular</u> | <u>Helical</u> | <u>Dimple</u> | <u>Annular</u> | Helical      |
| 18          | 16               | 16          | 12             | 12             | 12            | 13 1/8         | 10 1/2       |

#### **EXHIBIT D**

#### **CULVERT LIST**

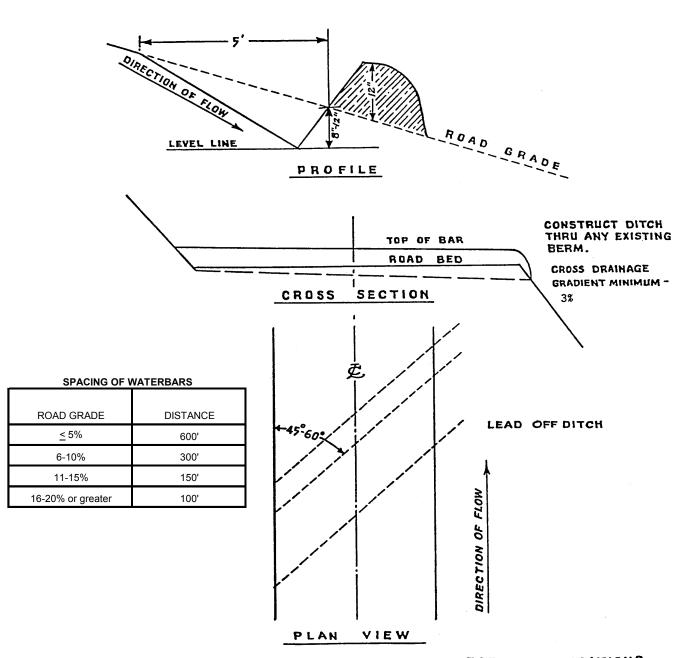
| CULVERT NO. | DIAMETER<br>(Inches) | LENGTH<br>(Feet) | ROAD SEGMENT<br>POINT TO POINT | STATION |
|-------------|----------------------|------------------|--------------------------------|---------|
| 1           | 18                   | 30               | E to F                         | 9+80    |
| 2           | 18                   | 30               | E to F                         | 14+10   |
| 3           | 18                   | 30               | M to N                         | 3+25    |

The intake end of culverts shall be marked by installing a 5-foot long, painted steel fence post two feet into the ground, within 6 inches of the inlet on the downgrade side.

Tamping is required on all culverts.

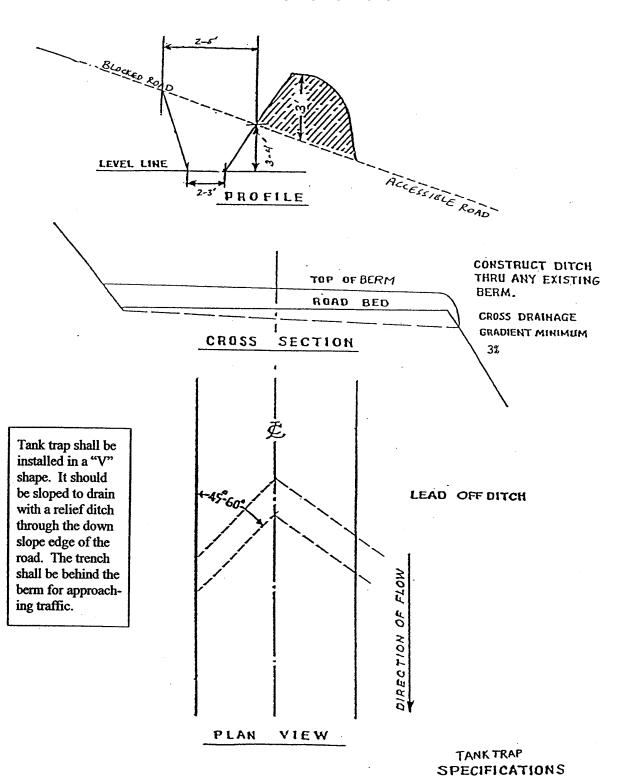
All metal culverts scheduled for replacement shall become property of PURCHASER and be removed from State land in the same project period in which replacement occurred.

EXHIBIT E
WATERBAR SPECIFICATIONS



WATERBAR SPECIFICATIONS FOR CROSS DITCHING #298

EXHIBIT F
TANK TRAP SPECIFICATIONS



#### **EXHIBIT G**

#### SEEDING AND FERTILIZING

This work shall consist of preparing seedbeds and furnishing and placing required seed and fertilizer.

<u>Seeding Seasons</u>. Seeding shall be performed only from March 1 through June 15 and August 15 through October 15. Seeding materials shall not be applied during windy weather or when the ground is excessively wet or frozen. Areas of disturbed soil shall be seeded by the end of the project period in which work was started. PURCHASER shall notify STATE 24 hours prior to seeding.

<u>Soil Preparation</u>. Areas to be seeded that have been damaged by erosion or other causes shall be restored prior to seeding. All areas to be seeded shall be finished and then cultivated to provide a reasonably firm, but friable seedbed. A minimum of 1/2 inch of surface soil shall be in a loose condition.

#### Application Methods for Seed and Fertilizer

<u>Dry Method</u>. Mechanical seeders, seed drills, landscape seeders, cultipacker seeders, fertilizer spreaders, or other approved mechanical seeding equipment shall be used to apply the seed and fertilizer in the amounts and mixtures specified. Hand-operated seeding devices may be used when seed and fertilizer are applied in dry form.

#### Application Rates for Seed and Fertilizer

Seed listed below shall be applied at the following rates per acre:

| SPECIES            | LB./ACRE | MIXTURE | PURE LIVE<br>SEED | POISON<br>AND/OR<br>REPELLENT |
|--------------------|----------|---------|-------------------|-------------------------------|
| Fine Fescue        | 12       | 40%     | 98%               | 0                             |
| Annual Ryegrass    | 6        | 20%     | 98%               | 0                             |
| Perennial Ryegrass | 9        | 30%     | 98%               | 0                             |
| White Dutch Clover | 3        | 10%     | 98%               | 0                             |

Fertilizer: Chemical analysis shall be 16-20-0 and shall be applied at the rate of 300 pounds per acre.

Seeding will be considered acceptable when all other specified requirements in Exhibits G and H have been completed and a healthy, uniform, close stand of grass has been established, unless otherwise approved in writing by STATE.

#### **EXHIBIT H**

#### MULCHING

This work shall consist of furnishing and placing required mulch. Mulch shall consist of straw that is free of noxious weeds.

Mulching Period. Straw mulch shall be applied within 24 hours of spreading grass seed and fertilizer.

#### **Application Rates for Mulch**

Place straw mulch to a reasonably uniform thickness of  $\frac{3}{4}$  to  $1\frac{1}{4}$  inches. This rate requires between 1 and  $1\frac{1}{2}$  tons of dry mulch per acre.

#### **EXHIBIT I**

#### SPECIFICATIONS FOR ROAD VACATING

Between Points F to G and at Points O and P:

Remove fill material from stream channels. Re-establish the original stream channel grade and orientation. Excavate channel banks to 1½:1 side slopes and place and compact excavated material in a stable location at a slope no greater than 1½:1. Divert all live water around construction site. Notify STATE 24 hours prior to removal of log fills.

Between Points C to D, F to G, and H to I:

Construct waterbars so that water is carried across the road and deposited on stable locations. Waterbars shall be angled across the road, deep enough to intercept water from any road ditchline and carry it across the road, and spaced as shown in Exhibit E.

Between Points C to D, F to G, and H to I:

PURCHASER shall close roads by constructing a tank trap as specified in Exhibit F at the beginning of such roads. The barrier shall make the road impassable to vehicular traffic. The blocking of segment F to G shall be done in a manner to allow motorcycle and quad users to pass, by maintaining a 56-inch maximum width trail.

## EXHIBIT "J" OREGON DEPARTMENT OF FORESTRY

### **SCALING INSTRUCTIONS -- LOCATION APPROVAL -- BRAND INFORMATION**

| (1)   | ORIGINAL            | REGISTRA                                 | ATION                | Date _           |              |             | (12)  | SALE NAME Boundary Camp                       |    |
|-------|---------------------|--|----------------------|------------------|--------------|-------------|-------|---|----|
|       | REVISION            | NUMBER_                                  |                      | Date .           |              |             |       | COUNTY Tillamook                              |    |
|       | CANCELL             | ATION                                    |                      | ☐ Date           |              |             | (13)  | STATE CONTRACT NUMBER 341-05-54               |    |
| (2)   | TO:                 | (Third Party                             |                      |                  |              |             | (14)  | SCALE: westside ⊠ eastside □ cubic foot       |    |
| (2)   | FDOM: T             | (Third Party                             | Scaling Organ        | nization)        |              |             | (15)  | STATE BRAND REGISTRATION NUMBER               |    |
| (3)   |                     | <u>illamook - 06</u><br>State Forestry D |                      | 13) 842-2        | <u> 2545</u> |             | (16)  | BUREAU BRAND CODE NUMBER                      |    |
|       | •                   | 005 Third St                             |                      | ook, OR          | 971          | 41          | ` ,   | STATE BRAND INFORMATION:                      |    |
| (4)   |                     |  |                      |                  |              |             | (,    | \   |    |
|       | Address _           |  |                      |                  |              |             |       | (COMPLETE)                                    |    |
| (5)   | MINIMUM<br>SPECIFIC | SCALING                                  |                      | C                | _AS          | <u> </u>    |       |   |    |
|       | SPECIFIC            | SCALING                                  | *NET                 |                  |              | <u> </u>    |       |   |    |
| 9     | PECIES              | DIAMETER<br>INCHES                       | SCALE<br>VOLUME      | PER<br>MBF       | **<br>SUM    | SUB         |       |   |    |
|       | Conifers            |  | 10                   | X                | JOIVI        | 300         |       |   |    |
| На    | ardwoods            |  |                      |                  | Χ            |             |       |   |    |
|       |                     |  |                      |                  |              |             |       |   |    |
|       |                     |  |                      |                  |              |             |       |   |    |
| *     | Apply minimum v     | volume test to whole I                   | logs over 40' West   | side; 20' Easts  | side.        |             | J     | <b>V</b>                                      |    |
| **    | ,                   | ): see instructions ar                   | nd explain in Item ( | ·                |              |             | (18)  | PAINT REQUIRED: YES ⊠                         |    |
| (6)   | WESTSID             |  |                      | YE               |              | NO          |       | COLOR <u>Orange</u>                           |    |
| (7)   | EASTSIDE            | all logs over 40' scalin<br>E SCALE:     | ng length            |                  | 7            | Ш           | (19   | 9) SPECIAL SCALES                             |    |
|       | *Actual taper       | butt logs over 40' sca                   | aling length         |                  |              | $\boxtimes$ |       | ELABLE CULL (all species)                     |    |
| (8)   | PENCIL B            |  |                      | _                | 7            | $\boxtimes$ |       | ILITY/PULP (all species)                      |    |
| (9)   |                     | num Scaling Diamete<br>K VOLUME -        |                      | L                | _            |             |       | DEDUCTIONS ALLOWED OR MECHANICAL DAMAGE       |    |
| (-)   | Deductions de       |  |                      | $\triangleright$ | ]            |             |       | HER:  |    |
| (4.0) |                     |  | 1                    | 1                | 1            |             | ОТ    | HER:  | _  |
| (10)  | APPROVE LOCATION    |  | Species              | Yard             | TI           | ruck        |       |   |    |
|       | LOCATION            |  | - Сросиос            | 1 41 41          |              |             | (20)  | REMARKS: Loads containing only SUM materia    | ıl |
|       |                     |  |                      |                  |              |             | , ,   | d not be accounted for by scale ticket.       |    |
|       |                     |  |                      |                  |              |             |       | 50 0000000 10. 5, 000.0                       |    |
|       |                     |  |                      |                  |              |             |       |   |    |
|       |                     |  |                      |                  |              |             | Opera | ator's Name (Optional inclusion by District): |    |
|       |                     |  |                      |                  |              |             |       |   |    |
|       |                     |  | _1                   | 1                | 1            |             | (21)  | SIGNATURES:                                   |    |
| (11)  |                     | OF CANCELL                               |                      |                  |              |             |       |   |    |
|       | ⊨ttective [         | Date:                                    |                      |                  |              |             |       | Purchaser or Authorized Representative Date   | е  |
|       |                     |  |                      |                  |              |             |       |   |    |
|       | State Foreste       | er's Representa                          | tive                 |                  |              |             |       | State Forester Representative Date            | е  |

Notify the District Forester within one hour when branding or painting is inadequate for quick identification, the receipts are missing, not correctly or completely filled out, and/or when logs presented for scaling are impossible to scale accurately.

#### EXHIBIT "J"

#### INSTRUCTIONS FOR FORM 343-307 (rev. 5/01)

- (1) Check appropriate box. REVISION NUMBER requires comments. CANCELLATION requires Item (21). Complete date.
- (2) Designate Third Party Scaling Organization (TPSO). Send 4 copies to TPSO, 1 to purchaser, 1 to Salem, and keep such copies as to district needs.
- (3) State District office, address and phone.
- (4) Enter Purchaser's business name and address as it appears on the contract.
- (5) Minimum Scaling Specifications. Review Section 45, "Log Removal," of the contract. Species, or combined species can be separate entries. Information serves as a basis for scaling (see also Items (13) thru (17)), and is required to show existence on the sale. **PerM** (per mbf). **SUM** (lump sum material). **SUB** (submerchantable material. SUB, as used by the State, references that material containing at least 10 bf (net) but less than the lower merchantable net volume limit or grade requirements for other merchantable (PerM) entries. PerM, SUM, and SUB must be indicated by checking the appropriate column. Species with the same specifications and value are combined into one entry. PerM and SUB require scaling therefore complete specifications. SUM need not be scaled, hence no specifications. Loads containing only SUM are to be ticketed if so instructed in Item (19). Mixed loads of SUM, PERM and/or SUB species will always be scaled.
- (6) Westside -- actual taper segment scale. Check Yes or No. Special Service Rules on file with TPSO. See: Segment Scaling and Grading of Long Logs -- All Species -- State Forestry Department Scaling Practices (Westside).
- (7) Eastside -- actual taper/taper table segment scale. Special Service Rules on file with TPSO. See: Segment Scaling and Grading of Long Logs -- All Species -- State Forestry Department Scaling Practices (Eastside). Items with \* follow U.S. Forest Service Eastside rules.
- (8) Pencil Buck. Check NO if a westside sale, optional for eastside sales.
- (9) Add-Back Volume. Add-Back is normally checked YES. Scaler records deductions (sap rot, weather checks, etc.) caused by an abnormal delay in removal. Enter separately on scale ticket. TPSO provides State with summaries that include this as a net volume by species. Salvage sales and certain other circumstances may require that "NO" be checked.
- (10) Show scaling locations only applicable to TPSO. Not necessary to list markets. If all species are scaled at same location, enter "ALL."
- (11) When logging is complete, recall branding hammers, date and sign where indicated, check CANCELLATION box at top of form, and send to TPSO.
- (12) Enter sale name and county.
- (13) Enter sale contract number.
- (14) Check Westside or Eastside log scale. Cubic foot refers to Northwest Log Rules Cubic Foot Scale.
- (15) Oregon Forest Products Brand Registry Number (optional).
- (16) DO NOT USE -- TPSO will fill in when applicable.
- (17) Show one brand only. Complete drawing. If more than one brand is assigned to the sale, (1) make separate form for each brand, and (2) on each form, explain and show other brand(s) under REMARKS, Item 19.
- (18) Check YES and designate orange.
- (19) Special Scales. These are the Special Scales that will be applied. If "Other" is indicated, please describe. Give comments in Item (19).
- (20) Use this space to designate weight conversion factors, or any other explanations to clarify scaling requirements. If additional scaling locations are approved, prepare another form showing all (old and new) locations. Check REVISION box at top of form and explain under remarks. Route as indicated.
- (21) Require purchaser to sign and date completed form.